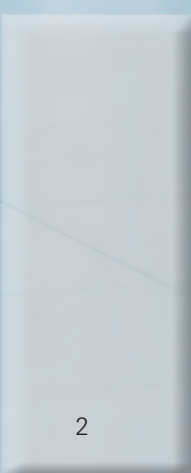
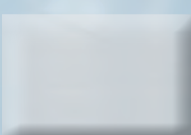


gesis[®]
Pluggable electrical installation
for indoors

Catalog 2015







| | Page | |
|--|-----------|--|
| Pluggable everywhere – <i>gesis</i>® | | |
| Inhaltsverzeichnis | 2 – 3 | |
| GST® – Mains 250 V, 250 V/400 V, 50 V | | |
| GST 18i3 ... i6, accessories | 4 – 73 | |
| GST 15i2 ... i5, accessories | 74 – 105 | |
| GST 08i2 ... i3, accessories | 106 – 119 | |
| <i>gesis</i>® NV, <i>gesis</i>® NRG | | |
| BST 14, ST, LST | 120 – 149 | |
| Flat cables, 2 pole to 5+2 pole | 150 – 159 | |
| Country-specific products | | |
| Great Britain | 162 – 185 | |
| Spain | 186 – 193 | |
| Italy | 194 – 207 | |
| Support | | |
| Technical data | 208 – 269 | |
| Index | 270 – 287 | |

Subject to technical modifications.
Errors excepted.

Building installation – simply plug in – perfect!

gesis® – one name, one idea, an inimitable story of success.

Over 35 years ago, the foundations were laid for a revolution in electrical installation with the predecessor of our current **GST18®** installation plug connector system. Time-consuming screw-type clamping units were replaced with robust, machined solid metal contacts that made it possible to connect and disconnect electrical consumers to and from the electrical installation quickly, easily, and safely.

Since then, Wieland Electric GmbH has set many standards in building installation:

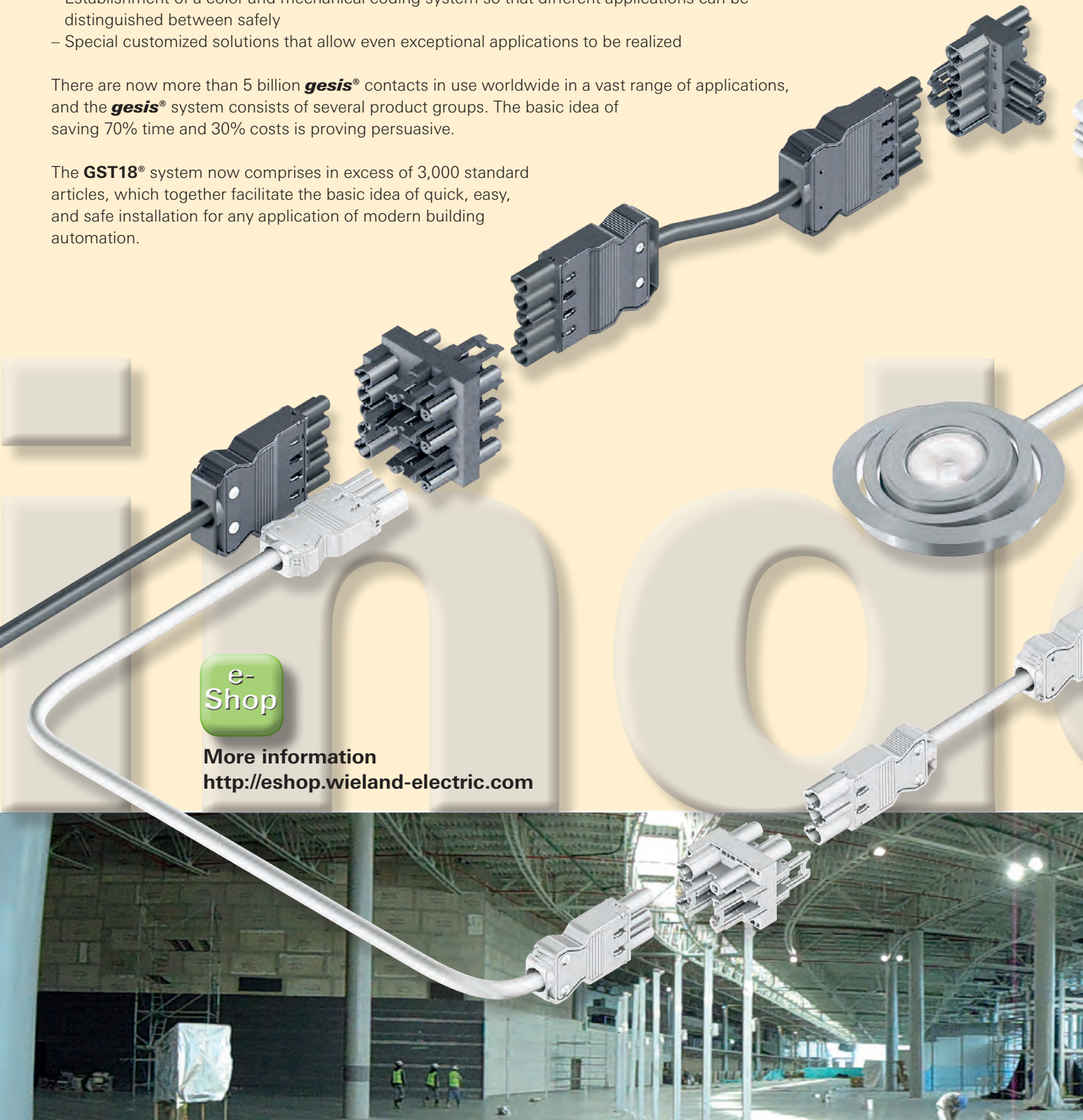
- Active creation of a product norm that defines safety standards
- Expansion of the system to include plug connectors, device connectors, distribution blocks, and industrially fabricated and tested connection cables
- Establishment of a color and mechanical coding system so that different applications can be distinguished between safely
- Special customized solutions that allow even exceptional applications to be realized

There are now more than 5 billion **gesis®** contacts in use worldwide in a vast range of applications, and the **gesis®** system consists of several product groups. The basic idea of saving 70% time and 30% costs is proving persuasive.

The **GST18®** system now comprises in excess of 3,000 standard articles, which together facilitate the basic idea of quick, easy, and safe installation for any application of modern building automation.

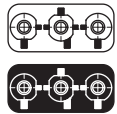
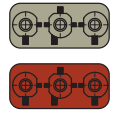
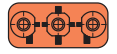

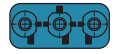
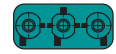
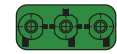


More information
<http://eshop.wieland-electric.com>

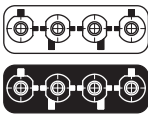
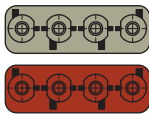

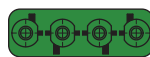


Coding of GST18® connectors

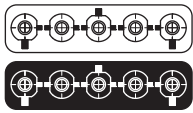
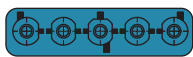
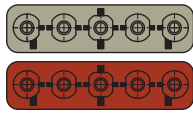
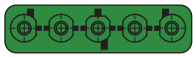
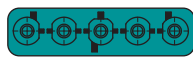
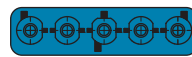
GST18i3

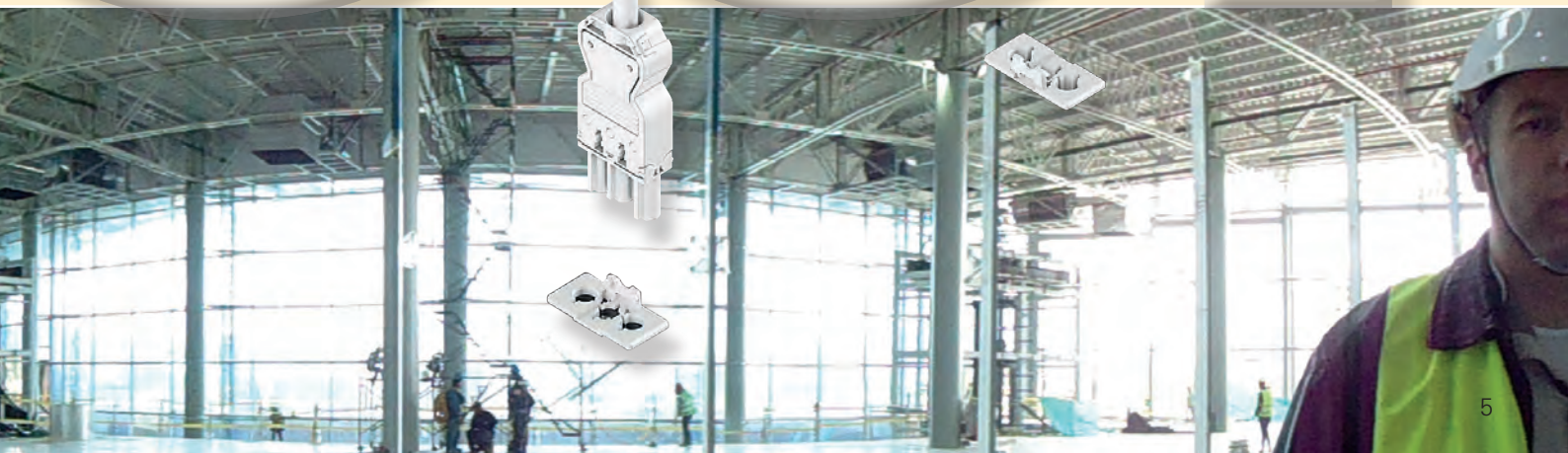
| Code 1 white black | Code 2 pebble gray tomato red | Code 3 salmon red | Code 4 brown (oxide red) | Code 5 pastel blue | Code 6 turquoise blue | Code 7 May green |
|---|---|---|---|--|---|---|
|  |  |  |  |  |  |  |
| Application Mains voltage | Application Mains voltage (UPS) | Application Mains voltage | Application Switching application | Application Dimming (e.g. DALI) | Application as per customer wishes (without PE) | Application as per customer wishes (with PE) |

GST18i4

| Code 1 white black | Code 2 pebble gray tomato red | Code 3 turquoise blue | Code 4 May green |
|--|--|---|---|
|  |  |  |  |
| Application Mains voltage | Application Mains voltage (UPS) | Application as per customer wishes (without PE) | Application as per customer wishes (with PE) |


GST18i5

| Code 1 white black | Code 2 pastel blue | Code 3 pebble gray tomato red | Code 4 May green | Code 5 turquoise blue | Code 6 light blue |
|---|---|---|--|---|---|
|  |  |  |  |  |  |
| Application Mains voltage | Application Dimming (e.g. DALI) | Application Mains voltage (UPS) | Application as per customer wishes (with PE) | Application as per customer wishes (without PE) | Application Low voltage (50 V) |



Screw connectors

Solid wire cross-section: 0.75 – 2.5 mm²
 Fine-stranded wire cross-section: 0.75 – 2.5 mm²
 without ferrules
 Rated voltage: 250 V or 250 / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV

Protection rating: IP20, IP40 when plugged
 Approvals: 
 Screw connection: 1 connection per pole
 Locking device for flying leads: see Accessories
 Sheath strip length: 38 mm (±), 31 mm
 Wire stripping length: 7 mm

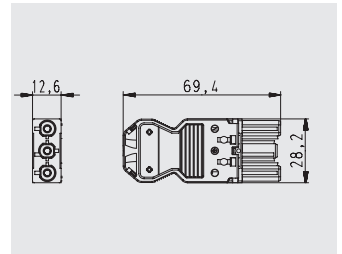


3 pole, cable diameter 6.5 – 10.5 mm, unassembled

Female connector
GST18i3 S B1 Z R1



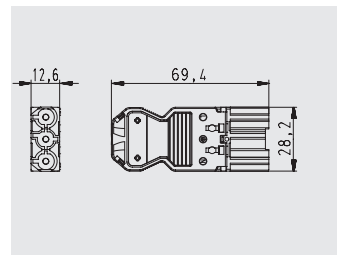
| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|----------|---------------|-------|
| white | Code 1 | N, PE, L | 92.931.3053.0 | 50 |
| black | | | 92.931.3053.1 | 50 |
| pebble gray | Code 2 | N, PE, L | 92.931.3453.0 | 50 |
| tomato red | | | 92.931.3453.5 | 50 |
| salmon red | Code 3 | N, PE, L | 92.931.3653.0 | 50 |
| brown (oxide red) | | | 92.931.3853.0 | 50 |
| pastel blue | Code 5 | 3, 2, 1 | 92.931.3753.0 | 50 |
| May green | | | 92.931.3553.0 | 50 |
| turquoise blue | Code 6 | 3, 2, 1 | 92.931.4053.0 | 50 |



Male connector
GST18i3 S S1 Z R1



| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|----------|---------------|-------|
| white | Code 1 | L, PE, N | 92.932.3053.0 | 50 |
| black | | | 92.932.3053.1 | 50 |
| pebble gray | Code 2 | L, PE, N | 92.932.3453.0 | 50 |
| tomato red | | | 92.932.3453.5 | 50 |
| salmon red | Code 3 | L, PE, N | 92.932.3653.0 | 50 |
| brown (oxide red) | | | 92.932.3853.0 | 50 |
| pastel blue | Code 5 | 1, 2, 3 | 92.932.3753.0 | 50 |
| May green | | | 92.932.3553.0 | 50 |
| turquoise blue | Code 6 | 1, 2, 3 | 92.932.4053.0 | 50 |

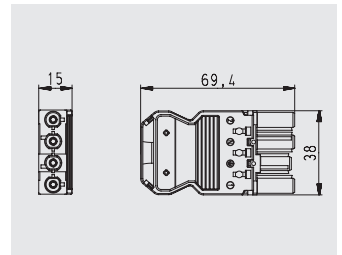


4 pole, cable diameter 7.1 – 12.0 mm, unassembled

Female connector
GST18i4 S B1 Z R1



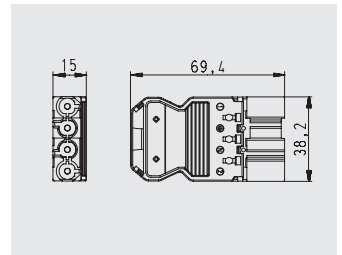
| Color | Coding | Part No. | P. U. | Price |
|----------------|--------|---------------|---------------|-------|
| white | Code 1 | 2, N, PE, 1 | 92.943.3053.0 | 50 |
| black | | | 92.943.3053.1 | 50 |
| pebble gray | Code 2 | 2, N, PE, 1 | 92.943.3553.0 | 50 |
| tomato red | | | 92.943.3553.5 | 50 |
| May green | Code 4 | 3, 2/N, PE, 1 | 92.943.3253.0 | 50 |
| turquoise blue | | | 92.943.3353.0 | 50 |



Male connector
GST18i4 S S1 Z R1



| Color | Coding | Part No. | P. U. | Price |
|----------------|--------|---------------|---------------|-------|
| white | Code 1 | 1, PE, N, 2 | 92.944.3053.0 | 50 |
| black | | | 92.944.3053.1 | 50 |
| pebble gray | Code 2 | 1, PE, N, 2 | 92.944.3553.0 | 50 |
| tomato red | | | 92.944.3553.5 | 50 |
| May green | Code 4 | 1, PE, 2/N, 3 | 92.944.3253.0 | 50 |
| turquoise blue | | | 92.944.3353.0 | 50 |

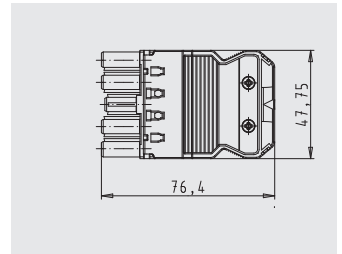


5 pole, cable diameter 8.5 – 12.5 mm, unassembled

Female connector
GST18i5 S B1 Z R1



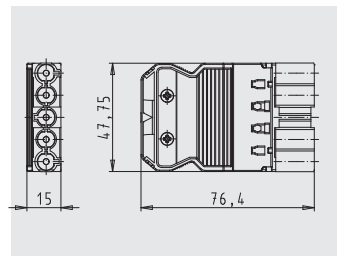
| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|------------------|------------------|---------------|
| white | Code 1 | 3, N, PE, 2, 1 | 92.953.4053.0 | 50 |
| black | | | 92.953.4053.1 | 50 |
| pebble gray | Code 3 | 3, N, PE, 2, 1 | 92.953.4553.0 | 50 |
| tomato red | | | 92.953.4553.5 | 50 |
| pastel blue | Code 2 | L, N, PE, D2, D1 | 92.953.4453.0 | 50 |
| May green | | | 4, 3/N, PE, 2, 1 | 92.953.4253.0 |
| turquoise blue | Code 5 | 5, 4/N, 3, 2, 1 | 92.953.4353.0 | 50 |
| light blue (50 V) | | | 92.953.4153.0 | 50 |



Male connector
GST18i5 S S1 Z R1



| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|------------------|------------------|---------------|
| white | Code 1 | 1, 2, PE, N, 3 | 92.954.4053.0 | 50 |
| black | | | 92.954.4053.1 | 50 |
| pebble gray | Code 3 | 1, 2, PE, N, 3 | 92.954.4553.0 | 50 |
| tomato red | | | 92.954.4553.5 | 50 |
| pastel blue | Code 2 | D1, D2, PE, N, L | 92.954.4453.0 | 50 |
| May green | | | 1, 2, PE, 3/N, 4 | 92.954.4253.0 |
| turquoise blue | Code 5 | 1, 2, 3, 4/N, 5 | 92.954.4353.0 | 50 |
| light blue (50 V) | | | 92.954.4153.0 | 50 |



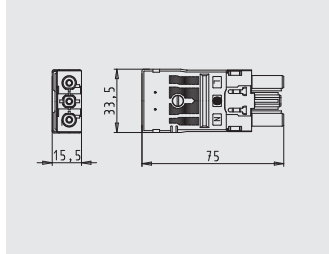
Delivery packaging: unassembled; preassembled connectors available on request

Spring-loaded connectors



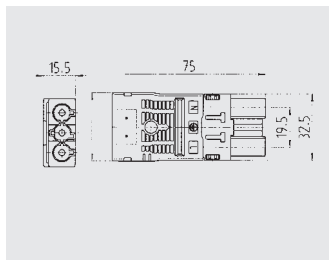
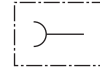
Solid wire cross-section: 1.5 – 2.5 mm²
 Fine-stranded wire cross-section: 1.5 mm²
 with ferrules
 Rated voltage: 250 V or 250 / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV

Protection rating: IP20, IP40 when plugged
 Approvals:
 Spring clamp connection:
 Locking device for flying leads:
 Sheath strip length: 52 mm (⊕), 45 mm
 Wire stripping length: 9 mm



| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|-------------|---------------|-------|
| white | Code 1 | N, PE, L | 92.933.0053.0 | 50 |
| black | | | 92.933.0053.1 | 50 |
| pebble gray | Code 2 | N, PE, L | 92.933.0153.0 | 50 |
| tomato red | | | 92.933.0153.5 | 50 |
| salmon red | Code 3 | N, PE, L | 92.933.0553.0 | 50 |
| brown (oxide red) | Code 4 | 3/L, 2/N, 1 | 92.933.0453.0 | 50 |
| May green | Code 7 | 2/N, PE, 1 | 92.933.0753.0 | 50 |
| turquoise blue | Code 6 | 3, 2, 1 | 92.933.0653.0 | 50 |

Female connector
GST18i3 F B2 Z R1

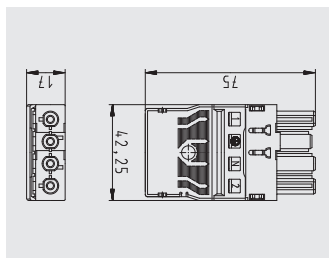


| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|-------------|---------------|-------|
| white | Code 1 | L, PE, N | 92.934.0053.0 | 50 |
| black | | | 92.934.0053.1 | 50 |
| pebble gray | Code 2 | L, PE, N | 92.934.0153.0 | 50 |
| tomato red | | | 92.934.0153.5 | 50 |
| salmon red | Code 3 | L, PE, N | 92.934.0553.0 | 50 |
| brown (oxide red) | Code 4 | 1, 2/N, 3/L | 92.934.0453.0 | 50 |
| May green | Code 7 | 1, PE, 2/N | 92.934.0753.0 | 50 |
| turquoise blue | Code 6 | 1, 2, 3 | 92.934.0653.0 | 50 |

Male connector
GST18i3 F S2 Z R1

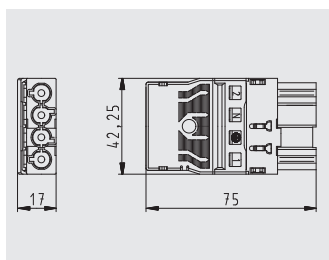
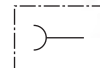


4 pole, cable diameter 9.5 – 11.5 mm, unassembled



| Color | Coding | Part No. | P. U. | Price |
|----------------|--------|---------------|---------------|-------|
| white | Code 1 | 2, N, PE, 1 | 92.943.0053.0 | 50 |
| black | | | 92.943.0053.1 | 50 |
| pebble gray | Code 2 | 2, N, PE, 1 | 92.943.0153.0 | 50 |
| tomato red | | | 92.943.0153.5 | 50 |
| May green | Code 4 | 3, 2/N, PE, 1 | 92.943.0353.0 | 50 |
| turquoise blue | Code 3 | 4, 3, 2/N, 1 | 92.943.0453.0 | 50 |

Female connector
GST18i4 F B2 Z R1



| Color | Coding | Part No. | P. U. | Price |
|----------------|--------|---------------|---------------|-------|
| white | Code 1 | 1, PE, N, 2 | 92.944.0053.0 | 50 |
| black | | | 92.944.0053.1 | 50 |
| pebble gray | Code 2 | 1, PE, N, 2 | 92.944.0153.0 | 50 |
| tomato red | | | 92.944.0153.5 | 50 |
| May green | Code 4 | 1, PE, 2/N, 3 | 92.944.0353.0 | 50 |
| turquoise blue | Code 3 | 1, 2/N, 3, 4 | 92.944.0453.0 | 50 |

Male connector
GST18i4 F S2 Z





Device connectors with screw connection

Solid wire cross-section: 0.75 – 4 mm²
 Fine-stranded wire cross-section: 0.75 – 4 mm²
 without ferrules
 Rated voltage: 250 V or 250 / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV

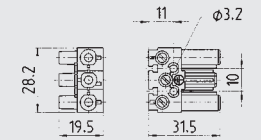
Approvals: **1 connection per pole, without strain relief**
 Screw connection: see Accessories
 Locking device: see Accessories
 Wire stripping length 0.5 – 1.5 mm²: 8 mm
 Wire stripping length 2.5 mm²: 9 mm

3 pole

Female connector
GST18i3 S B1



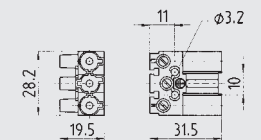
| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|-------------|---------------|-------|
| white | Code 1 | N, PE, L | 92.031.3258.0 | 200 |
| black | | | 92.031.3258.1 | 200 |
| pebble gray | Code 2 | N, PE, L | 92.031.3458.0 | 200 |
| tomato red | | | 92.031.3458.5 | 200 |
| salmon red | Code 3 | N, PE, L | 92.031.3658.0 | 200 |
| brown (oxide red) | Code 4 | 3/L, 2/N, 1 | 92.031.3858.0 | 200 |
| pastel blue | Code 5 | 3, 2, 1 | 92.031.3758.0 | 200 |
| May green | Code 7 | 2/N, PE, 1 | 92.031.3558.0 | 200 |
| turquoise blue | Code 6 | 3, 2, 1 | 92.031.3958.0 | 200 |



Male connector
GST18i3 S S1



| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|-------------|---------------|-------|
| white | Code 1 | L, PE, N | 92.032.3358.0 | 200 |
| black | | | 92.032.3358.1 | 200 |
| pebble gray | Code 2 | L, PE, N | 92.032.3458.0 | 200 |
| tomato red | | | 92.032.3458.5 | 200 |
| salmon red | Code 3 | L, PE, N | 92.032.3658.0 | 200 |
| brown (oxide red) | Code 4 | 1, 2/N, 3/L | 92.032.3858.0 | 200 |
| pastel blue | Code 5 | 1, 2, 3 | 92.032.3758.0 | 200 |
| May green | Code 7 | 1, PE, 2/N | 92.032.3558.0 | 200 |
| turquoise blue | Code 6 | 1, 2, 3 | 92.032.3958.0 | 200 |

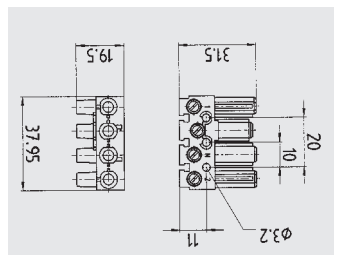


4 pole

Female connector
GST18i4 S B1



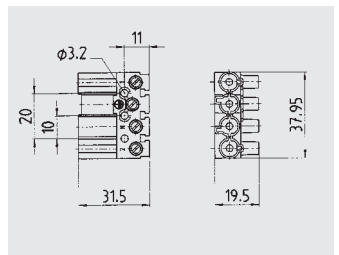
| Color | Coding | Part No. | P. U. | Price |
|----------------|--------|---------------|---------------|-------|
| white | Code 1 | 2, N, PE, 1 | 92.041.3253.0 | 100 |
| black | | | 92.041.3253.1 | 100 |
| pebble gray | Code 2 | 2, N, PE, 1 | 92.041.3453.0 | 100 |
| tomato red | | | 92.041.3453.5 | 100 |
| May green | Code 4 | 3, 2/N, PE, 1 | 92.041.3553.0 | 100 |
| turquoise blue | Code 3 | 4, 3, 2/N, 1 | 92.041.3953.0 | 100 |



Male connector
GST18i4 S S1



| Color | Coding | Part No. | P. U. | Price |
|----------------|--------|---------------|---------------|-------|
| white | Code 1 | 1, PE, N, 2 | 92.042.3353.0 | 100 |
| black | | | 92.042.3353.1 | 100 |
| pebble gray | Code 2 | 1, PE, N, 2 | 92.042.3453.0 | 100 |
| tomato red | | | 92.042.3453.5 | 100 |
| May green | Code 4 | 1, PE, 2/N, 3 | 92.042.3553.0 | 100 |
| turquoise blue | Code 3 | 1, 2/N, 3, 4 | 92.042.3953.0 | 100 |

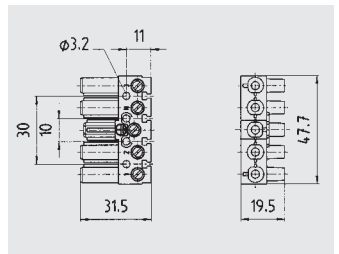


5 pole

Female connector
GST18i5 S B1



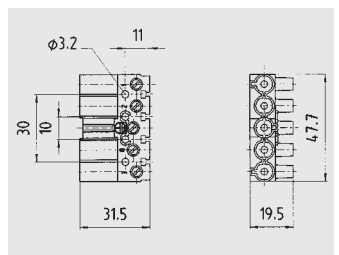
| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|------------------|---------------|-------|
| white | Code 1 | 3, N, PE, 2, 1 | 92.051.3253.0 | 100 |
| black | | | 92.051.3253.1 | 100 |
| pebble gray | Code 3 | 3, N, PE, 2, 1 | 92.051.3453.0 | 100 |
| tomato red | | | 92.051.3453.5 | 100 |
| pastel blue | Code 2 | L, N, PE, D2, D1 | 92.051.3753.0 | 100 |
| May green | Code 4 | 4, 3/N, PE, 2, 1 | 92.051.3553.0 | 100 |
| turquoise blue | Code 5 | 5, 4/N, 3, 2, 1 | 92.051.3953.0 | 100 |
| light blue (50 V) | Code 6 | 5, 4, 3, 2, 1 | 92.051.3153.0 | 100 |



Male connector
GST18i5 S S1



| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|------------------|---------------|-------|
| white | Code 1 | 1, 2, PE, N, 3 | 92.052.3353.0 | 100 |
| black | | | 92.052.3353.1 | 100 |
| pebble gray | Code 3 | 1, 2, PE, N, 3 | 92.052.3453.0 | 100 |
| tomato red | | | 92.052.3453.5 | 100 |
| pastel blue | Code 2 | D1, D2, PE, N, L | 92.052.3753.0 | 100 |
| May green | Code 4 | 1, 2, PE, 3/N, 4 | 92.052.3553.0 | 100 |
| turquoise blue | Code 5 | 1, 2, 3, 4/N, 5 | 92.052.3953.0 | 100 |
| light blue (50 V) | Code 6 | 1, 2, 3, 4, 5 | 92.052.3153.0 | 100 |



Snap-in with spring clamp connection



Solid wire cross-section:

0.5 – 2.5 mm²

Fine-stranded wire cross-section:

0.5 – 1.5 mm²

Rated voltage:

250 V or 250 / 400 V

Rated current:

20 A

Rated impulse voltage:

4 kV

Protection rating:

IP20, IP40 when plugged

Approvals:



Spring clamp connection:

2 connections per pole integrated

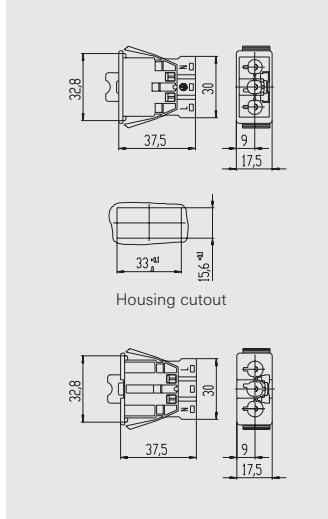
Locking device:

integrated

Wire stripping length 0.5 – 1.5 mm²: 8 mm

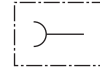
Wire stripping length 2.5 mm²: 9 mm

3 pole, housing material thickness 0.5 – 1.5 mm



| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|-------------|---------------|-------|
| white | Code 1 | N, PE, L | 92.031.9658.0 | 100 |
| black | | | 92.031.9658.1 | 100 |
| pebble gray | Code 2 | N, PE, L | 92.031.9758.0 | 100 |
| tomato red | | | 92.031.9758.5 | 100 |
| salmon red | Code 3 | N, PE, L | 92.031.8558.0 | 100 |
| brown (oxide red) | Code 4 | 3/L, 2/N, 1 | 92.031.8458.0 | 100 |
| May green | Code 7 | 2/N, PE, 1 | 92.031.8058.0 | 100 |
| turquoise blue | Code 6 | 3, 2, 1 | 92.031.8258.0 | 100 |

Female connector
GST18i3 F B2 RV

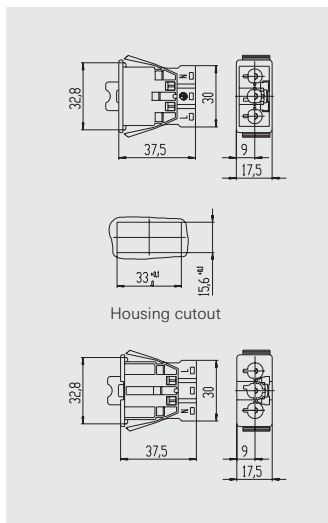


| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|-------------|---------------|-------|
| white | Code 1 | L, PE, N | 92.032.9658.0 | 100 |
| black | | | 92.032.9658.1 | 100 |
| pebble gray | Code 2 | L, PE, N | 92.032.9758.0 | 100 |
| tomato red | | | 92.032.9758.5 | 100 |
| salmon red | Code 3 | L, PE, N | 92.032.8558.0 | 100 |
| brown (oxide red) | Code 4 | 1, 2/N, 3/L | 92.032.8458.0 | 100 |
| May green | Code 7 | 1, PE, 2/N | 92.032.8058.0 | 100 |
| turquoise blue | Code 6 | 1, 2, 3 | 92.032.8258.0 | 100 |

Male connector
GST18i3 F S2 RV

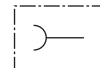


3 pole, housing material thickness 1.5 – 2.5 mm



| Color | Coding | Part No. | P. U. | Price |
|-------|--------|----------|---------------|-------|
| white | Code 1 | N, PE, L | 92.031.7658.0 | 100 |
| black | Code 1 | N, PE, L | 92.031.7658.1 | 100 |

Female connector
GST18i3 F B2 REV

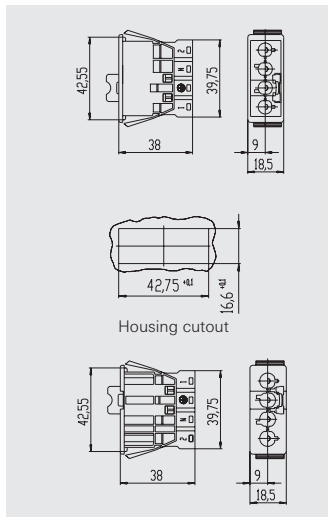


| Color | Coding | Part No. | P. U. | Price |
|-------|--------|----------|---------------|-------|
| white | Code 1 | L, PE, N | 92.032.7658.0 | 100 |
| black | Code 1 | L, PE, N | 92.032.7658.1 | 100 |

Male connector
GST18i3 F S2 REV

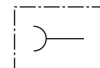


4 pole, housing material thickness 0.5 – 1.5 mm



| Color | Coding | Part No. | P. U. | Price |
|----------------|--------|---------------|---------------|-------|
| white | Code 1 | 2, N, PE, 1 | 92.041.9658.0 | 100 |
| black | | | 92.041.9658.1 | 100 |
| pebble gray | Code 2 | 2, N, PE, 1 | 92.041.9758.0 | 100 |
| tomato red | | | 92.041.9758.5 | 100 |
| May green | Code 4 | 3, 2/N, PE, 1 | 92.041.8058.0 | 100 |
| turquoise blue | Code 3 | 4, 3, 2/N, 1 | 92.041.8258.0 | 100 |

Female connector
GST18i4 F B2 Z RV



| Color | Coding | Part No. | P. U. | Price |
|----------------|--------|---------------|---------------|-------|
| white | Code 1 | 1, PE, N, 2 | 92.042.9658.0 | 100 |
| black | | | 92.042.9658.1 | 100 |
| pebble gray | Code 2 | 1, PE, N, 2 | 92.042.9758.0 | 100 |
| tomato red | | | 92.042.9758.5 | 100 |
| May green | Code 4 | 1, PE, 2/N, 3 | 92.042.8058.0 | 100 |
| turquoise blue | Code 3 | 1, 2/N, 3, 4 | 92.042.8258.0 | 100 |

Male connector
GST18i4 F S2 Z RV



GST18i3

GST18i4

Snap-in with spring clamp connection



Solid wire cross-section: 0.5 – 2.5 mm²
 Fine-stranded wire cross-section: 0.5 – 1.5 mm²
 with ferrules
 Rated voltage: 250 V or 250 / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV

Protection rating: IP20, IP40 when plugged
 Approvals:
 Spring clamp connection: 2 connections per pole
 Locking device: integrated
 Wire stripping length 0.5 – 1.5 mm²: 8 mm
 Wire stripping length 2.5 mm²: 9 mm

5 pole, housing material thickness 0.5 – 1.5 mm

Female connector
 GST18i5 F B2 RV

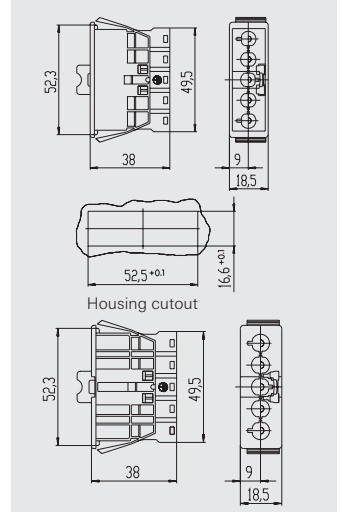


| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|------------------|---------------|-------|
| white | Code 1 | 3, N, PE, 2, 1 | 92.051.9658.0 | 100 |
| black | | 92.051.9658.1 | 100 | |
| pebble gray | Code 3 | 3, N, PE, 2, 1 | 92.051.9758.0 | 100 |
| tomato red | | 92.051.9758.5 | 100 | |
| pastel blue | Code 2 | L, N, PE, D2, D1 | 92.051.8658.0 | 100 |
| May green | Code 4 | 4, 3/N, PE, 2, 1 | 92.051.8058.0 | 100 |
| turquoise blue | Code 5 | 5, 4/N, 3, 2, 1 | 92.051.8258.0 | 100 |
| light blue (50 V) | Code 6 | 5, 4, 3, 2, 1 | 92.051.8358.0 | 100 |

Male connector
 GST18i5 F S2 RV



| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|------------------|---------------|-------|
| white | Code 1 | 1, 2, PE, N, 3 | 92.052.9658.0 | 100 |
| black | | 92.052.9658.1 | 100 | |
| pebble gray | Code 3 | 1, 2, PE, N, 3 | 92.052.9758.0 | 100 |
| tomato red | | 92.052.9758.5 | 100 | |
| pastel blue | Code 2 | D1, D2, PE, N, L | 92.052.8658.0 | 100 |
| May green | Code 4 | 1, 2, PE, 3/N, 4 | 92.052.8058.0 | 100 |
| turquoise blue | Code 5 | 1, 2, 3, 4/N, 5 | 92.052.8258.0 | 100 |
| light blue (50 V) | Code 6 | 1, 2, 3, 4, 5 | 92.052.8358.0 | 100 |



Snap-in with screw connection

Solid wire cross-section:

0.5 – 2.5 mm²

Fine-stranded wire cross-section:

0.5 – 1.5 mm²

Rated voltage:

250 V or 250 / 400 V

Rated current:

20 A

Rated impulse voltage:

4 kV

Protection rating:

IP20, IP40 when plugged

Approvals:



Spring clamp connection:

1 connections per pole

Locking device:

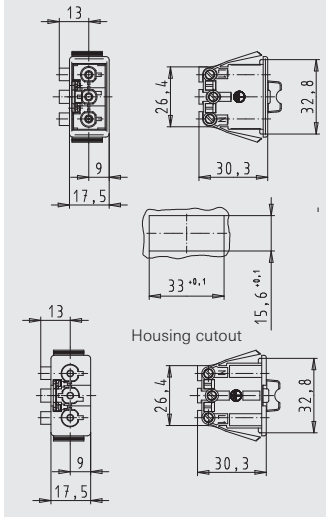
integrated

Wire stripping length 0.5 – 1.5 mm²: 8 mm

Wire stripping length 2.5 mm²: 9 mm

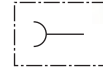


3 pole, housing material 0.5 – 1.5 mm



| Color | Coding | Part No. | P. U. | Price |
|-------|--------|---------------|---------------|-------|
| white | | 92.031.8758.0 | 100 | |
| black | Code 1 | N, PE, L | 92.031.8758.1 | 100 |

Female connector
GST18i3 B B1 RV

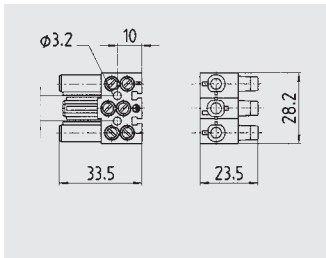


| Color | Coding | Part No. | P. U. | Price |
|-------|--------|---------------|---------------|-------|
| white | | 92.032.8758.0 | 100 | |
| black | Code 1 | L, PE, N | 92.032.8758.1 | 100 |

Male connector
GST18i3 S S1 RV



3 pole, double screw connection

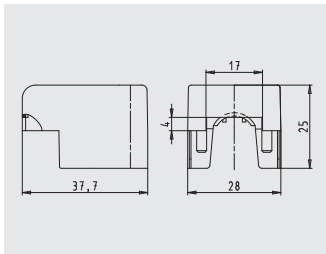


| Color | Coding | Part No. | P. U. | Price |
|-------------|--------|---------------|---------------|-------|
| white | | 92.031.4453.0 | 100 | |
| black | Code 1 | N, PE, L | 92.031.4453.1 | 100 |
| pebble gray | Code 2 | N, PE, L | 92.031.4853.0 | 100 |
| salmon red | Code 3 | N, PE, L | 92.031.4953.0 | 100 |

Female connector
GST18i3 SB B2 + Farbe



3 pole, strain relief for device connectors with screw connection



| Color | Coding | Part No. | P. U. | Price |
|-------|--------|---------------|-------|-------|
| white | | 99.004.8210.0 | 100 | |
| black | | 99.005.8210.0 | 100 | |


Strain relief



GST18i3

Solder connector, vertical

Rated voltage: 250 V or 250 / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

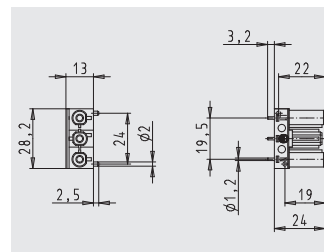
Approvals: 
 Locating pins: yes
 Locking device: optional, snaps into position, see Accessories
 Solder fixation in PC board: for solder paste mask see Technical Data

3 pole, solder pin length = 3.2 mm

Female connector
GST18i3 L B1 V



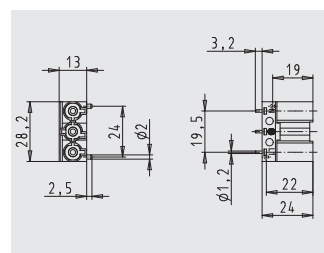
| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|-------------|---------------|-------|
| white | Code 1 | N, PE, L | 92.031.0058.0 | 100 |
| black | | | 92.031.0058.1 | 100 |
| pebble gray | Code 2 | N, PE, L | 92.031.0158.0 | 100 |
| tomato red | | | 92.031.0158.5 | 100 |
| salmon red | Code 3 | N, PE, L | 92.031.0758.0 | 100 |
| brown (oxide red) | Code 4 | 3/L, 2/N, 1 | 92.031.0658.0 | 100 |
| pastel blue | Code 5 | 3, 2, 1 | 92.031.0458.0 | 100 |
| May green | Code 7 | 2/N, PE, 1 | on request | |
| turquoise blue | Code 6 | 3, 2, 1 | on request | |



Male connector
GST18i3 L S1 V



| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|-------------|---------------|-------|
| white | Code 1 | L, PE, N | 92.032.0058.0 | 100 |
| black | | | 92.032.0058.1 | 100 |
| pebble gray | Code 2 | L, PE, N | 92.032.0158.0 | 100 |
| tomato red | | | 92.032.0158.5 | 100 |
| salmon red | Code 3 | L, PE, N | on request | |
| brown (oxide red) | Code 4 | 1, 2/N, 3/L | 92.032.0658.0 | 100 |
| pastel blue | Code 5 | 1, 2, 3 | 92.032.0458.0 | 100 |
| May green | Code 7 | 1, PE, 2/N | on request | |
| turquoise blue | Code 6 | 1, 2, 3 | on request | |

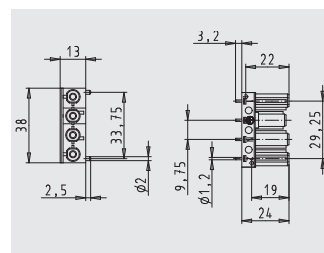


4 pole, solder pin length = 3.2 mm

Female connector
GST18i4 L B1 V



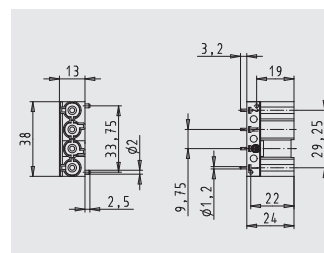
| Color | Coding | Part No. | P. U. | Price |
|----------------|--------|---------------|---------------|-------|
| white | Code 1 | 2, N, PE, 1 | 92.041.0058.0 | 100 |
| black | | | 92.041.0058.1 | 100 |
| pebble gray | Code 2 | 2, N, PE, 1 | 92.041.0158.0 | 100 |
| tomato red | | | 92.041.0158.5 | 100 |
| May green | Code 4 | 3, 2/N, PE, 1 | on request | |
| turquoise blue | Code 3 | 4, 3, 2/N, 1 | on request | |



Male connector
GST18i4 L S1 V



| Color | Coding | Part No. | P. U. | Price |
|----------------|--------|---------------|---------------|-------|
| white | Code 1 | 1, PE, N, 2 | 92.042.0058.0 | 100 |
| black | | | 92.042.0058.1 | 100 |
| pebble gray | Code 2 | 1, PE, N, 2 | 92.042.0158.0 | 100 |
| tomato red | | | 92.042.0158.5 | 100 |
| May green | Code 4 | 1, PE, 2/N, 3 | on request | |
| turquoise blue | Code 3 | 1, 2/N, 3, 4 | on request | |

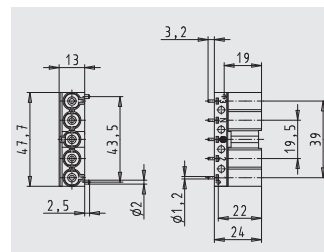


5 pole, solder pin length = 3.2 mm

Female connector
GST18i5 L B1 V



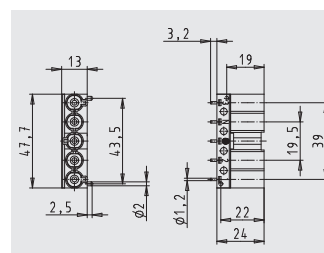
| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|------------------|---------------|-------|
| white | Code 1 | 3, N, PE, 2, 1 | 92.051.0058.0 | 100 |
| black | | | 92.051.0058.1 | 100 |
| pebble gray | Code 3 | 3, N, PE, 2, 1 | on request | |
| tomato red | | | on request | |
| pastel blue | Code 2 | L, N, PE, D2, D1 | 92.051.0458.0 | 100 |
| May green | Code 4 | 4, 3/N, PE, 2, 1 | on request | |
| turquoise blue | Code 5 | 5, 4/N, 3, 2, 1 | on request | |
| light blue (50 V) | Code 6 | 5, 4, 3, 2, 1 | 92.051.0258.0 | 100 |



Male connector
GST18i5 L S1 V



| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|------------------|---------------|-------|
| white | Code 1 | 1, 2, PE, N, 3 | 92.052.0058.0 | 100 |
| black | | | 92.052.0058.1 | 100 |
| pebble gray | Code 3 | 1, 2, PE, N, 3 | on request | |
| tomato red | | | on request | |
| pastel blue | Code 2 | D1, D2, PE, N, L | 92.052.0458.0 | 100 |
| May green | Code 4 | 1, 2, PE, 3/N, 4 | on request | |
| turquoise blue | Code 5 | 1, 2, 3, 4/N, 5 | on request | |
| light blue (50 V) | Code 6 | 1, 2, 3, 4, 5 | 92.052.0258.0 | 100 |



Solder connector, horizontal

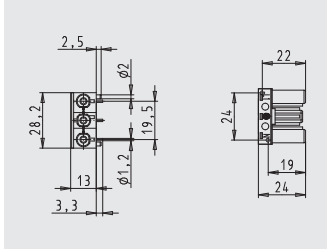
Rated voltage:
Rated current:
Rated impulse voltage:
Protection rating:

250 V or 250 / 400 V
20 A
4 kV
IP20, IP40 when plugged

Approvals:
Locating pins:
Locking device:
Solder fixation in PC board:

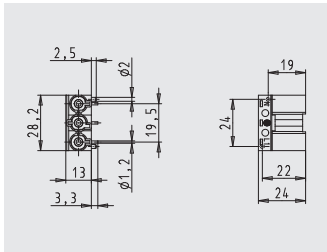
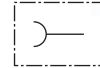
yes
optional, snaps into position, see Accessories
for solder paste mask see Technical Data

3 pole, solder pin length = 3.3 mm



| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|-------------|---------------|-------|
| white | Code 1 | N, PE, L | 92.033.0058.0 | 100 |
| black | | | 92.033.0058.1 | 100 |
| pebble gray | | | 92.033.0158.0 | 100 |
| tomato red | Code 2 | N, PE, L | 92.033.0158.5 | 100 |
| salmon red | Code 3 | N, PE, L | 92.033.0758.0 | 100 |
| brown (oxide red) | Code 4 | 3/L, 2/N, 1 | 92.033.0658.0 | 100 |
| pastel blue | Code 5 | 3, 2, 1 | 92.033.0458.0 | 100 |
| May green | Code 7 | 2/N, PE, 1 | on request | |
| turquoise blue | Code 6 | 1, 2, 3 | on request | |

Female connector
GST18i3 L B1 H

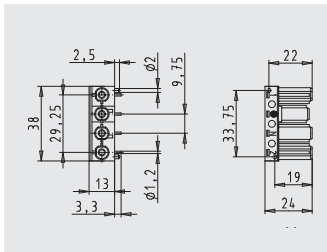


| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|-------------|---------------|-------|
| white | Code 1 | L, PE, N | 92.034.0058.0 | 100 |
| black | | | 92.034.0058.1 | 100 |
| pebble gray | | | 92.034.0158.0 | 100 |
| tomato red | Code 2 | L, PE, N | 92.034.0158.5 | 100 |
| salmon red | Code 3 | L, PE, N | on request | |
| brown (oxide red) | Code 4 | 1, 2/N, 3/L | 92.034.0658.0 | 100 |
| pastel blue | Code 5 | 1, 2, 3 | 92.034.0458.0 | 100 |
| May green | Code 7 | 1, PE, 2/N | on request | |
| turquoise blue | Code 6 | 1, 2, 3 | on request | |

Male connector
GST18i3 L S1 H

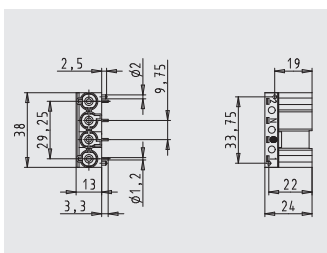
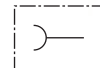


4 pole, solder pin length = 3.3 mm



| Color | Coding | Part No. | P. U. | Price |
|----------------|--------|---------------|---------------|-------|
| white | Code 1 | 2, N, PE, 1 | 92.043.0058.0 | 100 |
| black | | | 92.043.0058.1 | 100 |
| pebble gray | | | 92.043.0158.0 | 100 |
| tomato red | Code 2 | 2, N, PE, 1 | 92.043.0158.5 | 100 |
| May green | Code 4 | 3, 2/N, PE, 1 | on request | |
| turquoise blue | Code 3 | 4, 3, 2/N, 1 | on request | |

Female connector
GST18i4 L B1 H

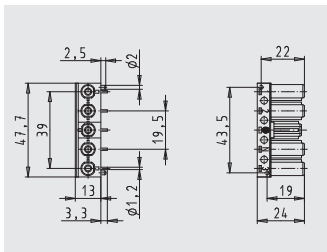


| Color | Coding | Part No. | P. U. | Price |
|----------------|--------|---------------|---------------|-------|
| white | Code 1 | 1, PE, N, 2 | 92.044.0058.0 | 100 |
| black | | | 92.044.0058.1 | 100 |
| pebble gray | | | 92.044.0158.0 | 100 |
| tomato red | Code 2 | 1, PE, N, 2 | 92.044.0158.5 | 100 |
| May green | Code 4 | 1, PE, 2/N, 3 | on request | |
| turquoise blue | Code 3 | 1, 2/N, 3, 4 | on request | |

Male connector
GST18i4 L S1 H

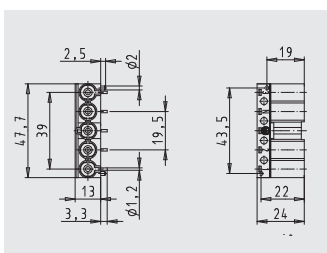
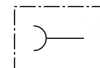


5 pole, solder pin length = 3.3 mm



| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|------------------|---------------|-------|
| white | Code 1 | 3, N, PE, 2, 1 | 92.053.0058.0 | 100 |
| black | | | 92.053.0058.1 | 100 |
| pebble gray | | | on request | |
| tomato red | Code 3 | 3, N, PE, 2, 1 | on request | |
| pastel blue | Code 2 | L, N, PE, D2, D1 | 92.053.0458.0 | 100 |
| May green | Code 4 | 4, 3/N, PE, 2, 1 | on request | |
| turquoise blue | Code 5 | 5, 4/N, 3, 2, 1 | on request | |
| light blue (50 V) | Code 6 | 5, 4, 3, 2, 1 | 92.053.0258.0 | 100 |

Female connector
GST18i5 L B1 H



| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|------------------|---------------|-------|
| white | Code 1 | 1, 2, PE, N, 3 | 92.054.0058.0 | 100 |
| black | | | 92.054.0058.1 | 100 |
| pebble gray | | | on request | |
| tomato red | Code 3 | 1, 2, PE, N, 3 | on request | |
| pastel blue | Code 2 | D1, D2, PE, N, L | 92.054.0458.0 | 100 |
| May green | Code 4 | 1, 2, PE, 3/N, 4 | on request | |
| turquoise blue | Code 5 | 1, 2, 3, 4/N, 5 | on request | |
| light blue (50 V) | Code 6 | 1, 2, 3, 4, 5 | 92.054.0258.0 | 100 |

Male connector
GST18i5 L S1 H




GST18i3

GST18i4

GST18i5

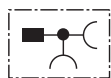
T distributors



Rated voltage: 250 V or 250 / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 

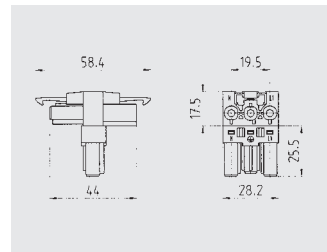
Locking device for vertical output has to be ordered separately

3 pole, locking device on both sides on feed-through level

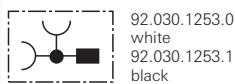
T distributor
GST18i3V 2P1 T V






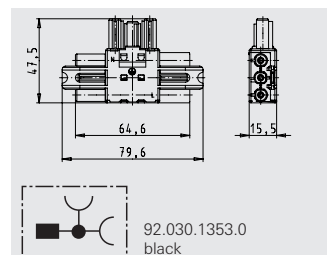
| Color | Coding | Outputs | Part No. | P. U. | Price | |
|-------|---|---------|----------|---------------|-------|--|
| white |  | Code 1 | 2 | 92.030.1053.0 | 100 | |
| black |  | Code 1 | 2 | 92.030.1053.1 | 100 | |



T distributor, flat
GST18i3V 2P1 T V SW

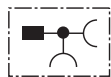






| Color | Coding | Outputs | Part No. | P. U. | Price | |
|-------|---|---------|----------|---------------|-------|--|
| white |  | Code 1 | 2 | 92.030.1253.0 | 100 | |
| black |  | Code 1 | 2 | 92.030.1253.1 | 100 | |
| black |  | Code 1 | 2 | 92.030.1353.0 | 100 | |

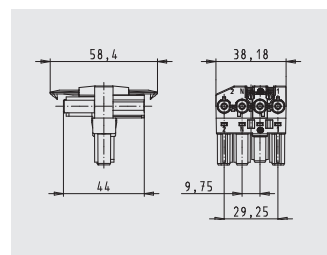


4 pole, locking device on both sides on feed-through level

T distributor
GST18i4V 2P1 T V

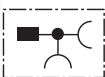





| Color | Coding | Outputs | Part No. | P. U. | Price | |
|-------------|---|---------|----------|---------------|-------|--|
| white |  | Code 1 | 2 | 92.040.1053.0 | 100 | |
| black |  | Code 1 | 2 | 92.040.1053.1 | 100 | |
| pebble gray |  | Code 2 | 2 | 92.040.1153.0 | 100 | |
| tomato red |  | Code 2 | 2 | 92.040.1153.5 | 100 | |

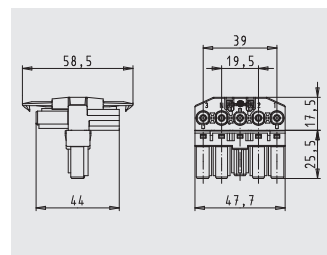


5 pole, locking device on both sides on feed-through level

T distributor
GST18i5V 2P1 T V

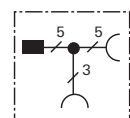








| Color | Coding | Outputs | Part No. | P. U. | Price | |
|-------------|---|---------|----------|---------------|-------|--|
| white |  | Code 1 | 2 | 92.050.1053.0 | 100 | |
| black |  | Code 1 | 2 | 92.050.1053.1 | 100 | |
| pastel blue |  | Code 2 | 2 | 92.050.1453.0 | 100 | |

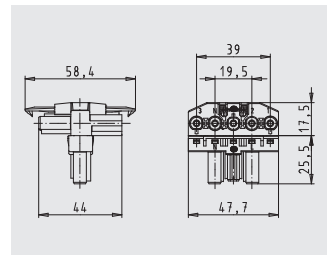


5 pole, with phase selection, locking device on both sides on feed-through level

T distributor
GST18i5V 2AT1 V



| Color | Coding | Outputs | Part No. | P. U. | Price | |
|-----------|---|---------|----------|---------------|-------|--|
| white, L1 |  | Code 1 | 2 | 92.050.4153.0 | 100 | |
| black, L1 |  | Code 1 | 2 | 92.050.4153.1 | 100 | |
| white, L2 |  | Code 1 | 2 | 92.050.4253.0 | 100 | |
| black, L2 |  | Code 1 | 2 | 92.050.4253.1 | 100 | |
| white, L3 |  | Code 1 | 2 | 92.050.4353.0 | 100 | |
| black, L3 |  | Code 1 | 2 | 92.050.4353.1 | 100 | |

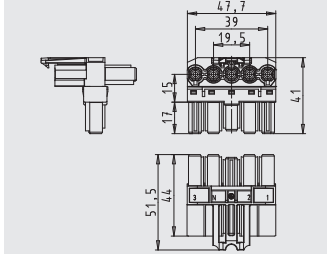


T distributors

Rated voltage: 250 V or 250 / 400 V
Rated current: 20 A
Rated impulse voltage: 4 kV
Protection rating: IP20, IP40 when plugged
Approvals:

Locking device for vertical output has to be ordered separately

5 pole, locking device on one side on feed-through level, direct serial connection option

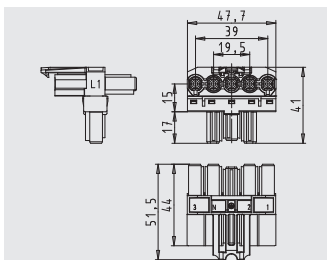


| Color | Coding | Outputs | Part No. | P. U. | Price |
|-------|--------|----------|---------------|-------|-------|
| black | | Code 1 2 | 99.470.5772.2 | 10 | |

T distributor
GST18i5V 37P1 T V

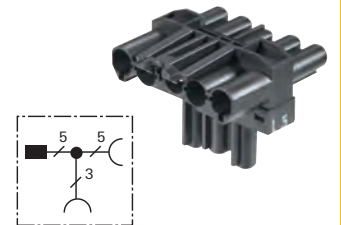


5 pole, with phase selection, locking device on one side on feed-through level, direct serial connection option



| Color | Coding | Outputs | Part No. | P. U. | Price |
|-----------|--------|----------|---------------|-------|-------|
| black, L1 | | Code 1 2 | 99.420.5772.2 | 10 | |
| black, L2 | | Code 1 2 | 99.421.5772.2 | 10 | |
| black, L3 | | Code 1 2 | 99.422.5772.2 | 10 | |

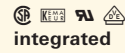
T distributor
GST18i5V 211 T



Distribution units

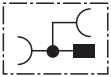
Rated voltage: 250 V or 250 / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Approvals:
 Locking device:

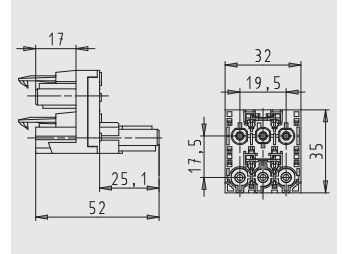


3 pole, locking device integrated on one side

h distributor
 GST18i3 2P1H



| Color | Coding | Outputs | Part No. | P. U. | Price |
|-------|--------|---------|---------------|-------|-------|
| white | Code 1 | 2 | 92.030.6053.0 | 100 | |
| black | Code 1 | 2 | 92.030.6053.1 | 100 | |

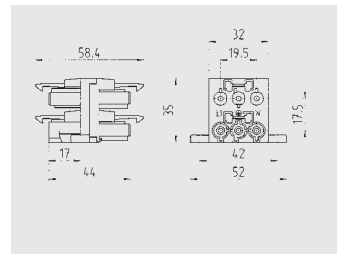


3 pole, with mounting option

H distributor
 GST18i3V 3P1 F V



| Color | Inputs | Outputs | Part No. | P. U. | Price |
|----------------|---------|-----------|---------------|-------|-------|
| white | 1, male | 3, female | 92.030.4853.0 | 100 | |
| black | 1, male | 3, female | 92.030.4853.1 | 100 | |
| pebble gray | | | on request | | |
| tomato red | | | on request | | |
| pastel blue | | | on request | | |
| May green | | | on request | | |
| turquoise blue | | | on request | | |

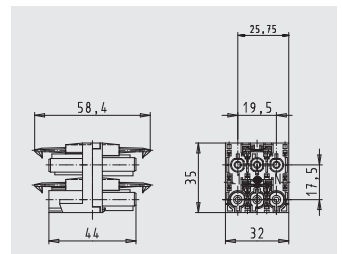


3 pole, without mounting option

H distributor
 GST18i3V 3P1 F V




| Color | Inputs | Outputs | Part No. | P. U. | Price |
|----------------|---------|-----------|---------------|-------|-------|
| white | 1, male | 3, female | 92.030.4953.0 | 100 | |
| black | 1, male | 3, female | 92.030.4953.1 | 100 | |
| pebble gray | | | on request | | |
| tomato red | | | on request | | |
| pastel blue | | | on request | | |
| May green | | | on request | | |
| turquoise blue | | | on request | | |

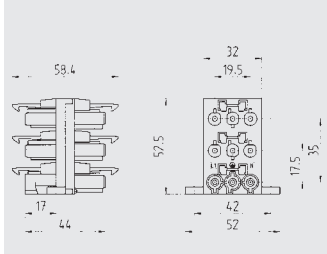


Distribution units

Rated voltage: 250 V or 250 / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

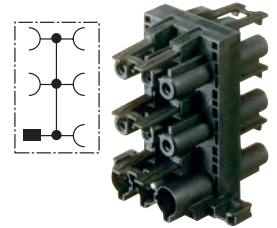
Approvals: 
 Locking device: integrated

3 pole, with mounting option

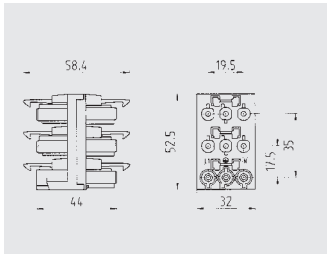


| Color | Inputs | Outputs | Part No. | P. U. | Price |
|-------|---------|-----------|---------------|-------|-------|
| white | 1, male | 5, female | 92.030.5353.0 | 100 | |
| black | 1, male | 5, female | 92.030.5353.1 | 100 | |

HH distributor
GST18i3V 5P1 F V

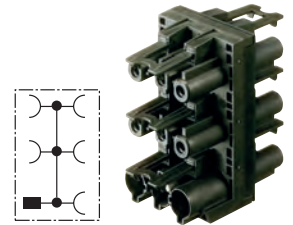


3 pole, without mounting option

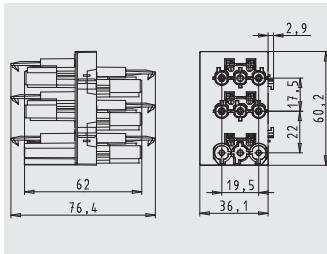


| Color | Inputs | Outputs | Part No. | P. U. | Price |
|-------|---------|-----------|---------------|-------|-------|
| white | 1, male | 5, female | 92.030.5253.0 | 100 | |
| black | 1, male | 5, female | 92.030.5253.1 | 100 | |

HH distributor
GST18i3V 5P1 V

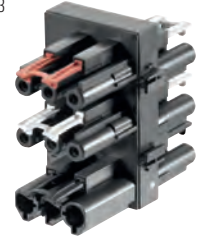


3 pole, with mounting option



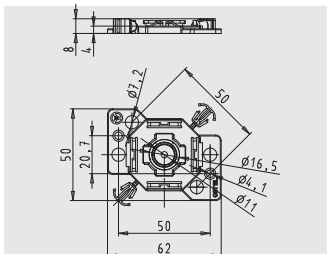
| Color | Switching options | Part No. | P. U. | Price |
|-------|-------------------|---------------|-------|-------|
| black | On/off | 92.030.0053.1 | 20 | |
| black | Motion detector | 92.030.0153.1 | 20 | |
| black | Two-way circuit | 92.030.0253.1 | 20 | |
| black | Series circuit | 92.030.0353.1 | 20 | |

HH switching distributor*
GST18i3



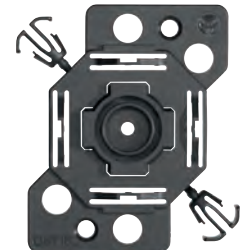
* For connection diagrams see Technical Data

GST18 distributor mounting plate for switching distributors



| Color | Part No. | P. U. | Price |
|-------|---------------|-------|-------|
| black | 07.413.6853.1 | 50 | |

Mounting plate
GST18



Distribution units

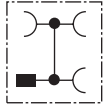
Rated voltage: 250 V or 250 / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Approvals:
 Locking device:

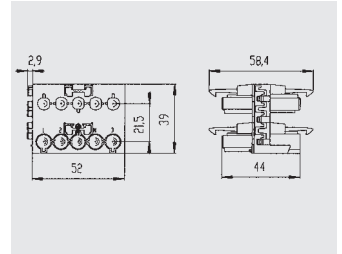
 integrated in product

5 pole, mounting option with separate mounting plate

H distributor
 GST18i5V 3P1 V

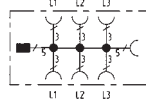


| Color | Coding | Outputs | Part No. | P. U. | Price |
|-------------|--------|---------|---------------|-------|-------|
| white | Code 1 | 3 | 92.050.0353.0 | 60 | |
| black | | | 92.050.0353.1 | 60 | |
| pastel blue | Code 2 | 3 | 92.050.1853.0 | 60 | |

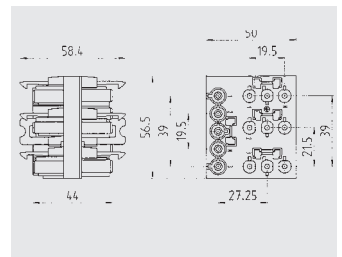


5 pole, with phase selection, mounting option with mounting plate

Phase selection distributor
 GST18i5V 37A1 V



| Color | Coding | Outputs | Part No. | P. U. | Price |
|-------------|--------|---------|---------------|-------|-------|
| white | Code 1 | 7 | 92.050.0153.0 | 100 | |
| black | | | 92.050.0153.1 | 100 | |
| pebble gray | Code 3 | | 92.050.2153.0 | 100 | |
| tomato red | | | 92.050.2153.5 | 100 | |

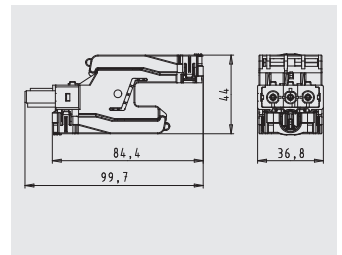


3 pole, for easy integration in existing installations

IDC adaptor
 GST18i3

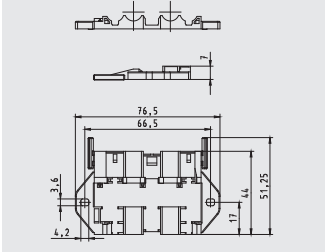


| Color | Coding | Outputs | Part No. | P. U. | Price |
|-------|--------|---------|---------------|-------|-------|
| white | Code 1 | 1 | 92.731.6053.0 | 50 | |



Mounting material

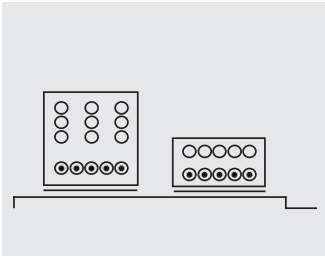
Supporting plate for 5 pole, 5/3 pole distribution block, for screw attachment



| Color | | Part No. | P. U. | Price |
|-------|--|---------------|-------|-------|
| white | | 07.413.5453.0 | 100 | |
| black | | 07.413.5453.1 | 100 | |

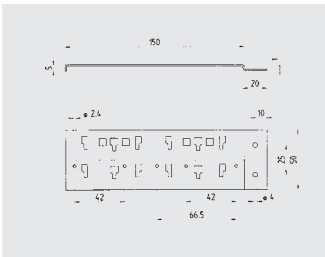


Supporting plate for distribution blocks, for snap-in into mounting sheet



| Color | | Part No. | P. U. | Price |
|-------|--|---------------|-------|-------|
| white | | 07.413.5553.0 | 100 | |
| black | | 07.413.5553.1 | 100 | |



Mounting sheet for distribution blocks



| Color | | Part No. | P. U. | Price |
|-------|--|---------------|-------|-------|
| metal | | 05.562.3612.0 | 50 | |

Intermediate couplings

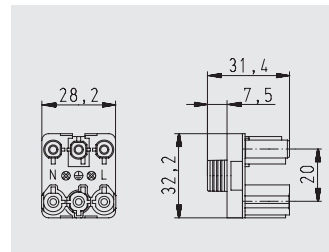
Rated voltage: 250 V or 250 / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Approvals:  
 Locking device: see Accessories

3 pole, with locking option, without mounting option

Intermediate coupling
 GST18i3Z 1P1

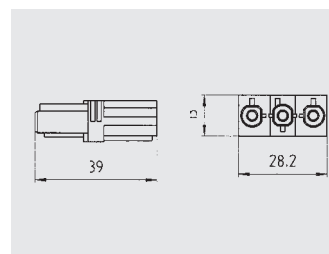
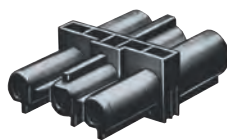
| Color | Inputs | Outputs | Part No. | P. U. | Price |
|-------|---------|-----------|---------------|-------|-------|
| white | 1, male | 1, female | 92.030.5853.0 | 100 | |



3 pole, without locking option

Intermediate coupling
 GST18i3Z 1P1

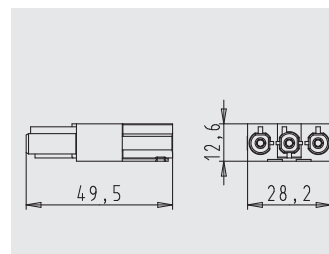
| Color | Inputs | Outputs | Part No. | P. U. | Price |
|-------|---------|-----------|---------------|-------|-------|
| white | 1, male | 1, female | 92.030.5958.0 | 100 | |
| black | 1, male | 1, female | 92.030.5958.1 | 100 | |



3 pole, with locking option

Intermediate coupling
 GST18i3Z 1P1

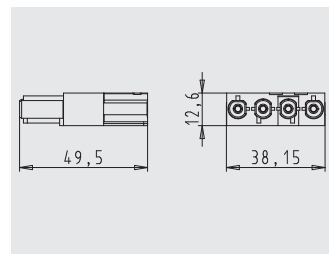
| Color | Inputs | Outputs | Part No. | P. U. | Price |
|-------|---------|-----------|---------------|-------|-------|
| black | 1, male | 1, female | 99.452.9910.0 | 100 | |



4 pole, with locking option

Intermediate coupling
 GST18i4Z 1P1


| Color | Inputs | Outputs | Part No. | P. U. | Price |
|-------|---------|-----------|---------------|-------|-------|
| black | 1, male | 1, female | 99.453.9910.0 | 100 | |



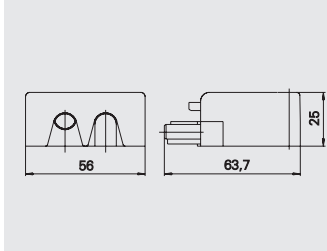
Combined connectors, combined solder parts

Rated voltage: 250 V or 250 / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Approvals:
 Screw connection:

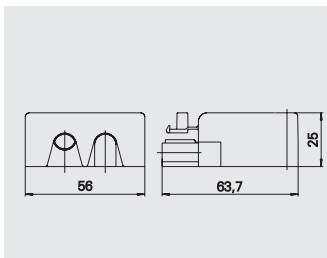
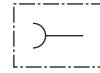
 1 connection per pole,
 Connection cross-section 2 x GST18i3

6 pole, cable diameter 10.0 – 12.0 mm (2x), integrated locking device, removable manually



| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|---------------|-------|-------|
| black/pastel blue | Code 1 | 92.969.0158.1 | 100 | |

Female
 GST18i6 S B1 NZR1 V

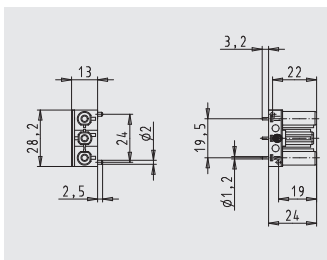


| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|---------------|-------|-------|
| black/pastel blue | Code 1 | 92.968.0158.1 | 100 | |

Male
 GST18i6 S S1 NZR1 V

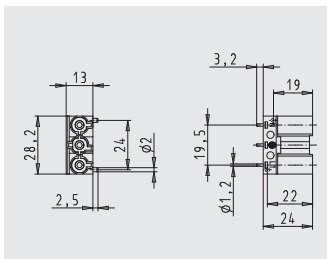
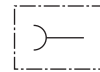


6 pole, vertical 2 x 3 pole, solder pin length = 3.2 mm



| Color | Coding | Part No. | P. U. | Price |
|-------------------|------------------|--------------------------------|------------|-------|
| black/pastel blue | N, PE, L 3, 2, 1 | 92.031.0058.1 92.031.0458.0 | 100 100 | |

Female
 2x GST18i3 L B1 V

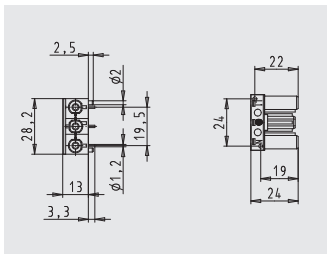


| Color | Coding | Part No. | P. U. | Price |
|-------------------|------------------|--------------------------------|------------|-------|
| black/pastel blue | L, PE, N 1, 2, 3 | 92.032.0058.1 92.032.0458.0 | 100 100 | |

Male
 2x GST18i3 L S1 V

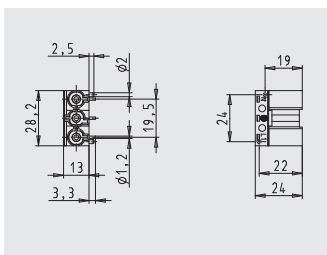
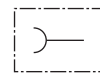


6 pole, horizontal 2 x 3 pole, solder pin length = 3.3 mm



| Color | Coding | Part No. | P. U. | Price |
|-------------------|------------------|--------------------------------|------------|-------|
| black/pastel blue | N, PE, L 3, 2, 1 | 92.033.0058.1 92.033.0458.0 | 100 100 | |

Female
 2x GST18i3 L B1 H




| Color | Coding | Part No. | P. U. | Price |
|-------------------|------------------|--------------------------------|------------|-------|
| black/pastel blue | L, PE, N 1, 2, 3 | 92.034.0058.1 92.034.0458.0 | 100 100 | |

Male
 2x GST18i3 L S1 H



gesis[®] TOP Luminaire connection adapter

Rated voltage: 250 V
 Rated current: 20 A,
 2 A, output current
 to the luminaire
 Rated impulse voltage: 4 kV

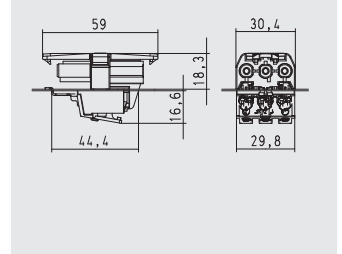
Protection rating: IP20, IP40 when plugged
 Approval: 
 Distribution type: direct connection to luminaire
 Mounting option: yes

3 pole, adapter, lamp terminal separate

Adapter for
power supply



| Color | Coding | Part No. | P. U. | Price |
|--------------------|-----------------|----------------|-------|-------|
| white | Code 1 L, PE, N | 92.030.2153.0 | 100 | |
| white, company BJB | L, PE, N | 46.413.1302.50 | | |

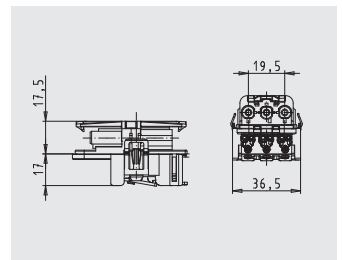


3 pole, TT-adapter, lamp terminal built-in

Adapter for
power supply



| Color | Coding | Part No. | P. U. | Price |
|-------|---------------------|---------------|-------|-------|
| white | Code 1 L,N,PE,D1,D2 | 92.020.2053.0 | 100 | |



gesis[®] TOP Sample kit

Sample kit


| Kit | Part No. | P. U. | Price |
|----------------------|---------------|-------|-------|
| gesis TOP sample kit | 99.600.0000.0 | 1 | |



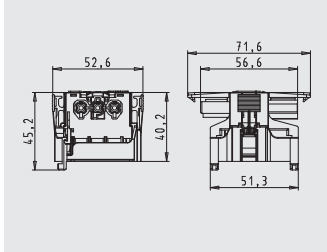
gesis® LINECT Luminaire connection adapter

Rated voltage: 250 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

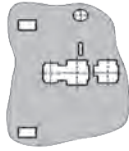
Distribution unit:
 Approval:
 Distribution type:
 Mounting option:

1 output for connecting terminal to luminaire with a LINECT interface
 direct connection to luminaire
 yes

3 pole, adapter for power supply



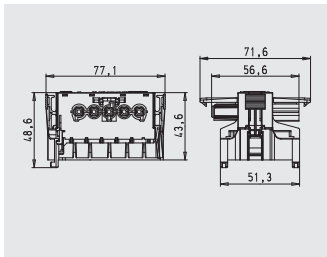
| Color | Coding | Outputs | Part No. | P. U. | Price |
|-------|--------|---------|---------------|-------|-------|
| white | Code 1 | 2 | 92.030.2253.0 | 50 | |



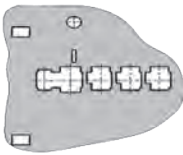
LINECT distributor
 GST18I3VN2P1N V WS



5 pole, adapter for power supply and dimming





| Color | Coding | Outputs | Part No. | P. U. | Price |
|--------------------|--------|---------|---------------|-------|-------|
| white, pastel blue | Code 2 | 2 | 92.050.2453.0 | 50 | |



LINECT distributor
 GST18I5VN2P1N V PB



Cable assemblies, 3 pole, 1.5 mm²

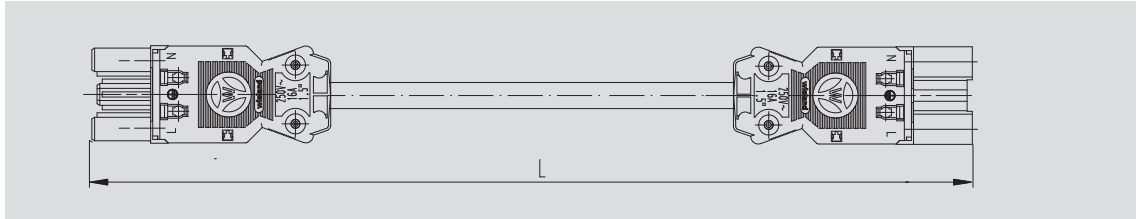
Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:  
 Cable diameter: 8.0 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05V2V2-F: PVC, contains halogen, continuous temperature 90 °C
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male



⊕ = GN/YE
 N = BU
 L = BN



| Cable black/coding | | Length m | Cable H05VV-F | | | Cable H05V2V2-F | | |
|--------------------|--------------------|----------|---------------|-------|-------|-----------------|-------|-------|
| | | | Part No. | P. U. | Price | Part No. | P. U. | Price |
| black | Code 1 L, PE, N | 1.0 | 92.232.1000.1 | 75 | | 92.232.1010.1 | 75 | |
| | | 2.0 | 92.232.2000.1 | 40 | | 92.232.2010.1 | 40 | |
| | | 3.0 | 92.232.3000.1 | 25 | | 92.232.3010.1 | 25 | |
| | | 4.0 | 92.232.4000.1 | 25 | | 92.232.4010.1 | 25 | |
| | | 5.0 | 92.232.5000.1 | 20 | | 92.232.5010.1 | 20 | |
| | | 6.0 | 92.232.6000.1 | 10 | | 92.232.6010.1 | 10 | |
| | | 7.0 | 92.232.7000.1 | 10 | | 92.232.7010.1 | 10 | |
| | | 8.0 | 92.232.8000.1 | 10 | | 92.232.8010.1 | 10 | |

| Cable white/coding | | Length m | Cable H05VV-F | | | Cable H05V2V2-F | | |
|--------------------|--------------------|----------|---------------|-------|-------|-----------------|-------|-------|
| | | | Part No. | P. U. | Price | Part No. | P. U. | Price |
| white | Code 1 L, PE, N | 1.0 | 92.232.1000.2 | 75 | | 92.232.1010.2 | 75 | |
| | | 2.0 | 92.232.2000.2 | 40 | | 92.232.2010.2 | 50 | |
| | | 3.0 | 92.232.3000.2 | 25 | | 92.232.3010.2 | 25 | |
| | | 4.0 | 92.232.4000.2 | 25 | | 92.232.4010.2 | 25 | |
| | | 5.0 | 92.232.5000.2 | 20 | | 92.232.5010.2 | 20 | |
| | | 6.0 | 92.232.6000.2 | 10 | | 92.232.6010.2 | 10 | |
| | | 7.0 | 92.232.7000.2 | 10 | | 92.232.7010.2 | 10 | |
| | | 8.0 | 92.232.8000.2 | 10 | | 92.232.8010.2 | 10 | |

| Cable black/coding | | Length m | Cable H05VV-F | | | Cable H05V2V2-F | | |
|--------------------|--------------------|----------|---------------|-------|-------|-----------------|-------|-------|
| | | | Part No. | P. U. | Price | Part No. | P. U. | Price |
| pebble gray | Code 2 L, PE, N | 1.0 | 92.232.1000.3 | 75 | | 92.232.1010.3 | 75 | |
| | | 2.0 | 92.232.2000.3 | 40 | | 92.232.2010.3 | 50 | |
| | | 3.0 | 92.232.3000.3 | 25 | | 92.232.3010.3 | 25 | |
| | | 4.0 | 92.232.4000.3 | 25 | | 92.232.4010.3 | 25 | |
| | | 5.0 | 92.232.5000.3 | 20 | | 92.232.5010.3 | 20 | |
| | | 6.0 | 92.232.6000.3 | 10 | | 92.232.6010.3 | 10 | |
| | | 7.0 | 92.232.7000.3 | 10 | | 92.232.7010.3 | 10 | |
| | | 8.0 | 92.232.8000.3 | 10 | | 92.232.8010.3 | 10 | |

| Cable black/coding | | Length m | Cable H05VV-F | | | Cable H05V2V2-F | | |
|--------------------|--------------------|----------|---------------|-------|-------|-----------------|-------|-------|
| | | | Part No. | P. U. | Price | Part No. | P. U. | Price |
| salmon red | Code 3 L, PE, N | 1.0 | 92.232.1000.5 | 75 | | 92.232.1010.5 | 75 | |
| | | 2.0 | 92.232.2000.5 | 40 | | 92.232.2010.5 | 50 | |
| | | 3.0 | 92.232.3000.5 | 25 | | 92.232.3010.5 | 25 | |
| | | 4.0 | 92.232.4000.5 | 25 | | 92.232.4010.5 | 25 | |
| | | 5.0 | 92.232.5000.5 | 20 | | 92.232.5010.5 | 20 | |
| | | 6.0 | 92.232.6000.5 | 10 | | 92.232.6010.5 | 10 | |
| | | 7.0 | 92.232.7000.5 | 10 | | 92.232.7010.5 | 10 | |
| | | 8.0 | 92.232.8000.5 | 10 | | 92.232.8010.5 | 10 | |


| Cable black/coding | | Length m | Cable H05VV-F | | |
|--------------------|--------------------------------------|----------|---------------|-------|-------|
| | | | Part No. | P. U. | Price |
| brown | Code 4 3/L, 2/N, 1 1, 2/N, 3/L | 1.0 | 92.232.1000.4 | 50 | |
| | | 2.0 | 92.232.2000.4 | 30 | |
| | | 3.0 | 92.232.3000.4 | 25 | |
| | | 4.0 | 92.232.4000.4 | 20 | |
| | | 5.0 | 92.232.5000.4 | 15 | |
| | | 6.0 | 92.232.6000.4 | 15 | |
| | | 7.0 | 92.232.7000.4 | 10 | |
| | | 8.0 | 92.232.8000.4 | 10 | |



1 = BK
 2/N = GY
 3/L = BN

Other cables, other lengths, other codings on request

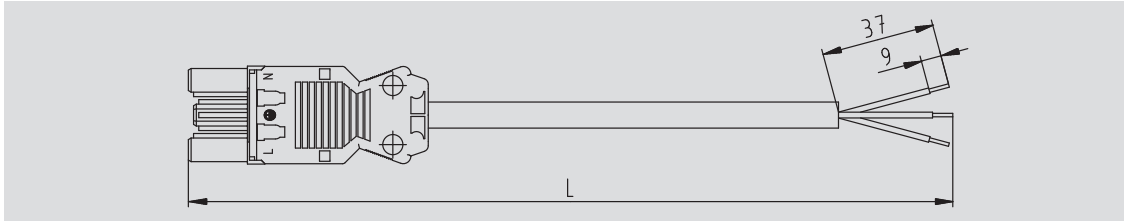
Cable assemblies, 3 pole, 1.5 mm²

Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 8.0 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05V2V2-F: PVC, contains halogen, continuous temperature 90 °C
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cables female – free end

Wire ends ultrason. welded



⊕ = GN/YE
 N = BU
 L = BN

| Cable black/coding | | Length m | Cable H05VV-F | | | Cable H05V2V2-F | | |
|--------------------|--------------------|----------|---------------|-------|-------|-----------------|-------|-------|
| | | | Part No. | P. U. | Price | Part No. | P. U. | Price |
| black | Code 1 N, PE, L | 1.0 | 92.232.1003.1 | 75 | | 92.232.1013.1 | 75 | |
| | | 2.0 | 92.232.2003.1 | 50 | | 92.232.2013.1 | 50 | |
| | | 3.0 | 92.232.3003.1 | 25 | | 92.232.3013.1 | 25 | |
| | | 4.0 | 92.232.4003.1 | 25 | | 92.232.4013.1 | 25 | |
| | | 5.0 | 92.232.5003.1 | 20 | | 92.232.5013.1 | 20 | |
| | | 6.0 | 92.232.6003.1 | 10 | | 92.232.6013.1 | 10 | |
| | | 7.0 | 92.232.7003.1 | 10 | | 92.232.7013.1 | 10 | |
| | | 8.0 | 92.232.8003.1 | 10 | | 92.232.8013.1 | 10 | |

| Cable white/coding | | Length m | Cable H05VV-F | | | Cable H05V2V2-F | | |
|--------------------|--------------------|----------|---------------|-------|-------|-----------------|-------|-------|
| | | | Part No. | P. U. | Price | Part No. | P. U. | Price |
| white | Code 1 N, PE, L | 1.0 | 92.232.1003.2 | 75 | | 92.232.1013.2 | 75 | |
| | | 2.0 | 92.232.2003.2 | 50 | | 92.232.2013.2 | 50 | |
| | | 3.0 | 92.232.3003.2 | 25 | | 92.232.3013.2 | 25 | |
| | | 4.0 | 92.232.4003.2 | 25 | | 92.232.4013.2 | 25 | |
| | | 5.0 | 92.232.5003.2 | 20 | | 92.232.5013.2 | 20 | |
| | | 6.0 | 92.232.6003.2 | 10 | | 92.232.6013.2 | 10 | |
| | | 7.0 | 92.232.7003.2 | 10 | | 92.232.7013.2 | 10 | |
| | | 8.0 | 92.232.8003.2 | 10 | | 92.232.8013.2 | 10 | |

| Cable black/coding | | Length m | Cable H05VV-F | | | Cable H05V2V2-F | | |
|--------------------|--------------------|----------|---------------|-------|-------|-----------------|-------|-------|
| | | | Part No. | P. U. | Price | Part No. | P. U. | Price |
| pebble gray | Code 2 N, PE, L | 1.0 | 92.232.1003.3 | 75 | | 92.232.1013.3 | 75 | |
| | | 2.0 | 92.232.2003.3 | 50 | | 92.232.2013.3 | 50 | |
| | | 3.0 | 92.232.3003.3 | 25 | | 92.232.3013.3 | 25 | |
| | | 4.0 | 92.232.4003.3 | 25 | | 92.232.4013.3 | 25 | |
| | | 5.0 | 92.232.5003.3 | 20 | | 92.232.5013.3 | 20 | |
| | | 6.0 | 92.232.6003.3 | 10 | | 92.232.6013.3 | 10 | |
| | | 7.0 | 92.232.7003.3 | 10 | | 92.232.7013.3 | 10 | |
| | | 8.0 | 92.232.8003.3 | 10 | | 92.232.8013.3 | 10 | |

| Cable black/coding | | Length m | Cable H05VV-F | | | Cable H05V2V2-F | | |
|--------------------|--------------------|----------|---------------|-------|-------|-----------------|-------|-------|
| | | | Part No. | P. U. | Price | Part No. | P. U. | Price |
| salmon red | Code 3 N, PE, L | 1.0 | 92.232.1003.5 | 75 | | 92.232.1013.5 | 75 | |
| | | 2.0 | 92.232.2003.5 | 50 | | 92.232.2013.5 | 50 | |
| | | 3.0 | 92.232.3003.5 | 25 | | 92.232.3013.5 | 25 | |
| | | 4.0 | 92.232.4003.5 | 25 | | 92.232.4013.5 | 25 | |
| | | 5.0 | 92.232.5003.5 | 20 | | 92.232.5013.5 | 20 | |
| | | 6.0 | 92.232.6003.5 | 10 | | 92.232.6013.5 | 10 | |
| | | 7.0 | 92.232.7003.5 | 10 | | 92.232.7013.5 | 10 | |
| | | 8.0 | 92.232.8003.5 | 10 | | 92.232.8013.5 | 10 | |

| Cable black/coding | | Length m | Cable H05VV-F | | |
|--------------------|-----------------------|----------|---------------|-------|-------|
| | | | Part No. | P. U. | Price |
| brown | Code 4 3/L, 2/N, 1 | 1.0 | 92.232.1003.4 | 50 | |
| | | 2.0 | 92.232.2003.4 | 30 | |
| | | 3.0 | 92.232.3003.4 | 25 | |
| | | 4.0 | 92.232.4003.4 | 20 | |
| | | 5.0 | 92.232.5003.4 | 15 | |
| | | 6.0 | 92.232.6003.4 | 15 | |
| | | 7.0 | 92.232.7003.4 | 10 | |
| | | 8.0 | 92.232.8003.4 | 10 | |




1 = BK
 2/N = GY
 3/L = BN

Sheath strip length: 100 mm
 Wire stripping length: 12 mm



Other cables, other lengths, other codings on request

Cable assemblies, 3 pole, 1.5 mm²

Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 8.0 mm

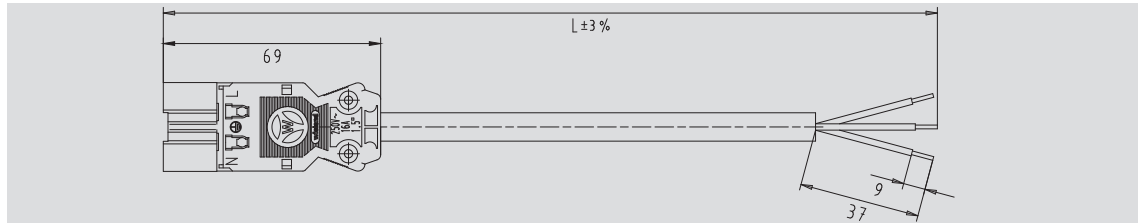
Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05V2V2-F: PVC, contains halogen, continuous temperature 90 °C
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cables male – free end

Wire ends ultrason. welded



⊕ = GN/YE
 N = BU
 L = BN



| | | Cable H05VV-F | | | Cable H05V2V2-F | | |
|--------------------|--------------------|---------------|---------------|-------|-----------------|---------------|-------|
| Cable black/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| black | Code 1 L, PE, N | 1.0 | 92.232.1004.1 | 75 | | 92.232.1014.1 | 75 |
| | | 2.0 | 92.232.2004.1 | 50 | | 92.232.2014.1 | 50 |
| | | 3.0 | 92.232.3004.1 | 25 | | 92.232.3014.1 | 25 |
| | | 4.0 | 92.232.4004.1 | 25 | | 92.232.4014.1 | 25 |
| | | 5.0 | 92.232.5004.1 | 20 | | 92.232.5014.1 | 20 |
| | | 6.0 | 92.232.6004.1 | 10 | | 92.232.6014.1 | 10 |
| | | 7.0 | 92.232.7004.1 | 10 | | 92.232.7014.1 | 10 |
| | | 8.0 | 92.232.8004.1 | 10 | | 92.232.8014.1 | 10 |

| | | Cable H05VV-F | | | Cable H05V2V2-F | | |
|--------------------|--------------------|---------------|---------------|-------|-----------------|---------------|-------|
| Cable white/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| white | Code 1 L, PE, N | 1.0 | 92.232.1004.2 | 75 | | 92.232.1014.2 | 75 |
| | | 2.0 | 92.232.2004.2 | 50 | | 92.232.2014.2 | 50 |
| | | 3.0 | 92.232.3004.2 | 25 | | 92.232.3014.2 | 25 |
| | | 4.0 | 92.232.4004.2 | 25 | | 92.232.4014.2 | 25 |
| | | 5.0 | 92.232.5004.2 | 20 | | 92.232.5014.2 | 20 |
| | | 6.0 | 92.232.6004.2 | 10 | | 92.232.6014.2 | 10 |
| | | 7.0 | 92.232.7004.2 | 10 | | 92.232.7014.2 | 10 |
| | | 8.0 | 92.232.8004.2 | 10 | | 92.232.8014.2 | 10 |

| | | Cable H05VV-F | | | Cable H05V2V2-F | | |
|--------------------|--------------------|---------------|---------------|-------|-----------------|---------------|-------|
| Cable black/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| pebble gray | Code 2 L, PE, N | 1.0 | 92.232.1004.3 | 75 | | 92.232.1014.3 | 75 |
| | | 2.0 | 92.232.2004.3 | 50 | | 92.232.2014.3 | 50 |
| | | 3.0 | 92.232.3004.3 | 25 | | 92.232.3014.3 | 25 |
| | | 4.0 | 92.232.4004.3 | 25 | | 92.232.4014.3 | 25 |
| | | 5.0 | 92.232.5004.3 | 20 | | 92.232.5014.3 | 20 |
| | | 6.0 | 92.232.6004.3 | 10 | | 92.232.6014.3 | 10 |
| | | 7.0 | 92.232.7004.3 | 10 | | 92.232.7014.3 | 10 |
| | | 8.0 | 92.232.8004.3 | 10 | | 92.232.8014.3 | 10 |

| | | Cable H05VV-F | | | Cable H05V2V2-F | | |
|--------------------|--------------------|---------------|---------------|-------|-----------------|---------------|-------|
| Cable black/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| salmon red | Code 3 L, PE, N | 1.0 | 92.232.1004.5 | 75 | | 92.232.1014.5 | 75 |
| | | 2.0 | 92.232.2004.5 | 50 | | 92.232.2014.5 | 50 |
| | | 3.0 | 92.232.3004.5 | 25 | | 92.232.3014.5 | 25 |
| | | 4.0 | 92.232.4004.5 | 25 | | 92.232.4014.5 | 25 |
| | | 5.0 | 92.232.5004.5 | 20 | | 92.232.5014.5 | 20 |
| | | 6.0 | 92.232.6004.5 | 10 | | 92.232.6014.5 | 10 |
| | | 7.0 | 92.232.7004.5 | 10 | | 92.232.7014.5 | 10 |
| | | 8.0 | 92.232.8004.5 | 10 | | 92.232.8014.5 | 10 |

| | | Cable H05VV-F | | |
|--------------------|-----------------------|---------------|---------------|-------|
| Cable black/coding | Length m | Part No. | P. U. | Price |
| brown | Code 3 1, 2/N, 3/L | 1.0 | 92.232.1004.4 | 50 |
| | | 2.0 | 92.232.2004.4 | 30 |
| | | 3.0 | 92.232.3004.4 | 25 |
| | | 4.0 | 92.232.4004.4 | 20 |
| | | 5.0 | 92.232.5004.4 | 15 |
| | | 6.0 | 92.232.6004.4 | 15 |
| | | 7.0 | 92.232.7004.4 | 10 |
| | | 8.0 | 92.232.8004.4 | 10 |




1 = BK
 2/N = GY
 3/L = BN

Sheath strip length: 100 mm
 Wire stripping length: 12 mm

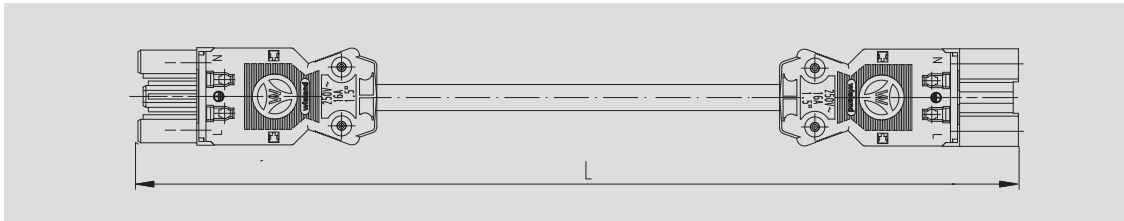
Other cables, other lengths, other codings on request

Cable assemblies, 3 pole, 1.5 mm²

Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 8.0 mm

Cable material, H05Z1Z1-F: halogen-free
 Cable material, RZ1-K 0.6/1kV: halogen-free
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male



⊕ = GN/YE
 N = BU
 L = BN

| Cable H05Z1Z1-F | | | | Cable RZ1-K 0.6/1kV | | | |
|--------------------|--------------------|----------|---------------|---------------------|---------------|-------|-------|
| Cable black/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| black | Code 1 L, PE, N | 1.0 | 92.232.1060.1 | 75 | G2.232.1060.1 | 50 | |
| | | 2.0 | 92.232.2060.1 | 40 | G2.232.2060.1 | 25 | |
| | | 3.0 | 92.232.3060.1 | 25 | G2.232.3060.1 | 20 | |
| | | 4.0 | 92.232.4060.1 | 20 | G2.232.4060.1 | 15 | |
| | | 5.0 | 92.232.5060.1 | 15 | G2.232.5060.1 | 10 | |
| | | 6.0 | 92.232.6060.1 | 10 | G2.232.6060.1 | 10 | |
| | | 7.0 | 92.232.7060.1 | 10 | G2.232.7060.1 | 10 | |
| | | 8.0 | 92.232.8060.1 | 10 | G2.232.8060.1 | 10 | |

| Cable H05Z1Z1-F | | | | Cable RZ1-K 0.6/1kV | | | |
|--------------------|--------------------|----------|---------------|---------------------|---------------|-------|-------|
| Cable white/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| white | Code 1 L, PE, N | 1.0 | 92.232.1060.2 | 75 | G2.232.1060.2 | 50 | |
| | | 2.0 | 92.232.2060.2 | 40 | G2.232.2060.2 | 25 | |
| | | 3.0 | 92.232.3060.2 | 25 | G2.232.3060.2 | 20 | |
| | | 4.0 | 92.232.4060.2 | 20 | G2.232.4060.2 | 15 | |
| | | 5.0 | 92.232.5060.2 | 20 | G2.232.5060.2 | 10 | |
| | | 6.0 | 92.232.6060.2 | 10 | G2.232.6060.2 | 10 | |
| | | 7.0 | 92.232.7060.2 | 10 | G2.232.7060.2 | 10 | |
| | | 8.0 | 92.232.8060.2 | 10 | G2.232.8060.2 | 5 | |

| Cable H05Z1Z1-F | | | | | |
|--------------------|--------------------|----------|---------------|-------|--|
| Cable black/coding | Length m | Part No. | P. U. | Price | |
| pebble gray | Code 2 L, PE, N | 1.0 | 92.232.1060.3 | 75 | |
| | | 2.0 | 92.232.2060.3 | 40 | |
| | | 3.0 | 92.232.3060.3 | 25 | |
| | | 4.0 | 92.232.4060.3 | 20 | |
| | | 5.0 | 92.232.5060.3 | 15 | |
| | | 6.0 | 92.232.6060.3 | 10 | |
| | | 7.0 | 92.232.7060.3 | 10 | |
| | | 8.0 | 92.232.8060.3 | 10 | |

| Cable H05Z1Z1-F | | | | | |
|--------------------|--------------------|----------|---------------|-------|--|
| Cable black/coding | Length m | Part No. | P. U. | Price | |
| salmon red | Code 3 L, PE, N | 1.0 | 92.232.1060.5 | 75 | |
| | | 2.0 | 92.232.2060.5 | 40 | |
| | | 3.0 | 92.232.3060.5 | 25 | |
| | | 4.0 | 92.232.4060.5 | 20 | |
| | | 5.0 | 92.232.5060.5 | 15 | |
| | | 6.0 | 92.232.6060.5 | 10 | |
| | | 7.0 | 92.232.7060.5 | 10 | |
| | | 8.0 | 92.232.8060.5 | 10 | |

| Cable H05Z1Z1-F | | | | | |
|--------------------|-----------------------|----------|---------------|-------|--|
| Cable black/coding | Length m | Part No. | P. U. | Price | |
| brown | Code 4 1, 2/N, 3/L | 1.0 | 92.232.1060.4 | 75 | |
| | | 2.0 | 92.232.2060.4 | 40 | |
| | | 3.0 | 92.232.3060.4 | 25 | |
| | | 4.0 | 92.232.4060.4 | 20 | |
| | | 5.0 | 92.232.5060.4 | 15 | |
| | | 6.0 | 92.232.6060.4 | 10 | |
| | | 7.0 | 92.232.7060.4 | 10 | |
| | | 8.0 | 92.232.8060.4 | 10 | |






1 = BK
 2/N = GY
 3/L = BN



Other cables, other lengths, other codings on request

Cable assemblies, 3 pole, 1.5 mm²

Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:   
 Cable diameter: 8.0 mm

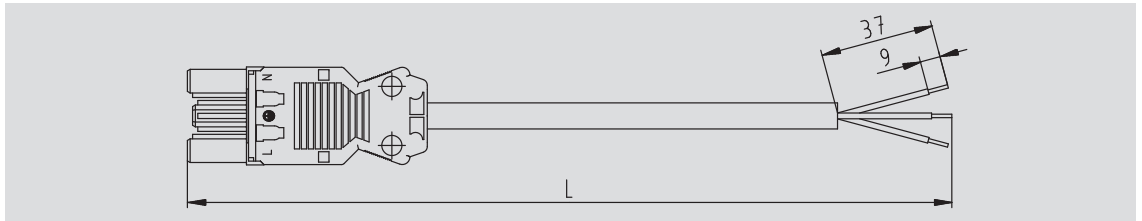
Cable material, H05Z1Z1-F: halogen-free
 Cable material, RZ1-K 0.6/1kV: halogen-free
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cables female – free end

Wire ends ultrason. welded



⊕ = GN/YE
 N = BU
 L = BN



| Cable H05Z1Z1-F | | Cable RZ1-K 0.6/1kV | | | | |
|--------------------|--------------------|---------------------|---------------|----------|---------------|----|
| Cable black/coding | Length m | Part No. | P. U. Price | Part No. | P. U. Price | |
| black | Code 1 N, PE, L | 1.0 | 92.232.1063.1 | 75 | G2.232.1063.1 | 50 |
| | | 2.0 | 92.232.2063.1 | 50 | G2.232.2063.1 | 25 |
| | | 3.0 | 92.232.3063.1 | 25 | G2.232.3063.1 | 20 |
| | | 4.0 | 92.232.4063.1 | 20 | G2.232.4063.1 | 15 |
| | | 5.0 | 92.232.5063.1 | 20 | G2.232.5063.1 | 10 |
| | | 6.0 | 92.232.6063.1 | 10 | G2.232.6063.1 | 10 |
| | | 7.0 | 92.232.7063.1 | 10 | G2.232.7063.1 | 8 |
| | | 8.0 | 92.232.8063.1 | 10 | G2.232.8063.1 | 8 |

| Cable H05Z1Z1-F | | Cable RZ1-K 0.6/1kV | | | | |
|--------------------|--------------------|---------------------|---------------|----------|---------------|----|
| Cable white/coding | Length m | Part No. | P. U. Price | Part No. | P. U. Price | |
| white | Code 1 N, PE, L | 1.0 | 92.232.1063.2 | 75 | G2.232.1063.2 | 50 |
| | | 2.0 | 92.232.2063.2 | 50 | G2.232.2063.2 | 25 |
| | | 3.0 | 92.232.3063.2 | 25 | G2.232.3063.2 | 20 |
| | | 4.0 | 92.232.4063.2 | 20 | G2.232.4063.2 | 15 |
| | | 5.0 | 92.232.5063.2 | 20 | G2.232.5063.2 | 10 |
| | | 6.0 | 92.232.6063.2 | 10 | G2.232.6063.2 | 10 |
| | | 7.0 | 92.232.7063.2 | 10 | G2.232.7063.2 | 8 |
| | | 8.0 | 92.232.8063.2 | 10 | G2.232.8063.2 | 8 |

| Cable H05Z1Z1-F | | | | |
|--------------------|--------------------|----------|---------------|----|
| Cable black/coding | Length m | Part No. | P. U. Price | |
| pebble gray | Code 2 N, PE, L | 1.0 | 92.232.1063.3 | 75 |
| | | 2.0 | 92.232.2063.3 | 50 |
| | | 3.0 | 92.232.3063.3 | 25 |
| | | 4.0 | 92.232.4063.3 | 25 |
| | | 5.0 | 92.232.5063.3 | 20 |
| | | 6.0 | 92.232.6063.3 | 10 |
| | | 7.0 | 92.232.7063.3 | 10 |
| | | 8.0 | 92.232.8063.3 | 10 |

| Cable H05Z1Z1-F | | | | |
|--------------------|--------------------|----------|---------------|----|
| Cable black/coding | Length m | Part No. | P. U. Price | |
| salmon red | Code 3 N, PE, L | 1.0 | 92.232.1063.5 | 75 |
| | | 2.0 | 92.232.2063.5 | 50 |
| | | 3.0 | 92.232.3063.5 | 25 |
| | | 4.0 | 92.232.4063.5 | 25 |
| | | 5.0 | 92.232.5063.5 | 20 |
| | | 6.0 | 92.232.6063.5 | 10 |
| | | 7.0 | 92.232.7063.5 | 10 |
| | | 8.0 | 92.232.8063.5 | 10 |

| Cable H05Z1Z1-F | | | | |
|--------------------|-----------------------|----------|---------------|----|
| Cable black/coding | Length m | Part No. | P. U. Price | |
| brown | Code 4 3/L, 2/N, 1 | 1.0 | 92.232.1063.4 | 75 |
| | | 2.0 | 92.232.2063.4 | 50 |
| | | 3.0 | 92.232.3063.4 | 25 |
| | | 4.0 | 92.232.4063.4 | 25 |
| | | 5.0 | 92.232.5063.4 | 20 |
| | | 6.0 | 92.232.6063.4 | 10 |
| | | 7.0 | 92.232.7063.4 | 10 |
| | | 8.0 | 92.232.8063.4 | 10 |




1 = BK
 2/N = GY
 3/L = BN

Sheath strip length: 100 mm
 Wire stripping length: 12 mm

Other cables, other lengths, other codings on request

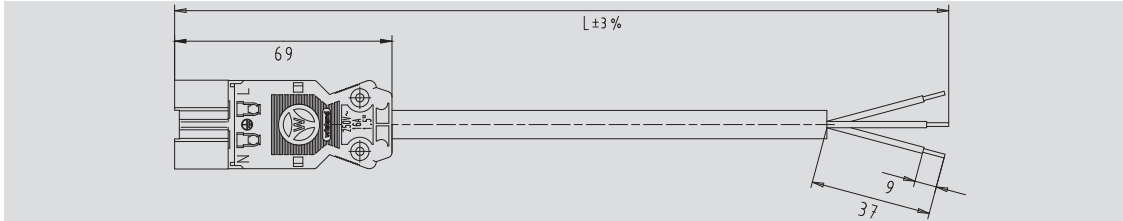
Cable assemblies, 3 pole, 1.5 mm²

Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 8.0 mm

Cable material, H05Z1Z1-F: halogen-free
 Cable material, RZ1-K 0.6/1kV: halogen-free
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cables Code male – free end

Wire ends ultrason. welded



⊕ = GN/YE
 N = BU
 L = BN

| Cable black/coding | | Length m | Part No. | P. U. | Price | Cable RZ1-K 0.6/1kV | |
|--------------------|--------------------|----------|---------------|-------|-------|---------------------|----|
| black | Code 1 L, PE, N | 1.0 | 92.232.1064.1 | 75 | | G2.232.1064.1 | 50 |
| | | 2.0 | 92.232.2064.1 | 50 | | G2.232.2064.1 | 25 |
| | | 3.0 | 92.232.3064.1 | 25 | | G2.232.3064.1 | 25 |
| | | 4.0 | 92.232.4064.1 | 25 | | G2.232.4064.1 | 15 |
| | | 5.0 | 92.232.5064.1 | 20 | | G2.232.5064.1 | 10 |
| | | 6.0 | 92.232.6064.1 | 10 | | G2.232.6064.1 | 10 |
| | | 7.0 | 92.232.7064.1 | 10 | | G2.232.7064.1 | 10 |
| | | 8.0 | 92.232.8064.1 | 10 | | G2.232.8064.1 | 10 |

| Cable white/coding | | Length m | Part No. | P. U. | Price | Cable RZ1-K 0.6/1kV | |
|--------------------|--------------------|----------|---------------|-------|-------|---------------------|----|
| white | Code 1 L, PE, N | 1.0 | 92.232.1064.2 | 75 | | G2.232.1064.2 | 50 |
| | | 2.0 | 92.232.2064.2 | 50 | | G2.232.2064.2 | 25 |
| | | 3.0 | 92.232.3064.2 | 25 | | G2.232.3064.2 | 25 |
| | | 4.0 | 92.232.4064.2 | 25 | | G2.232.4064.2 | 15 |
| | | 5.0 | 92.232.5064.2 | 20 | | G2.232.5064.2 | 10 |
| | | 6.0 | 92.232.6064.2 | 10 | | G2.232.6064.2 | 10 |
| | | 7.0 | 92.232.7064.2 | 10 | | G2.232.7064.2 | 10 |
| | | 8.0 | 92.232.8064.2 | 10 | | G2.232.8064.2 | 10 |

| Cable black/coding | | Length m | Part No. | P. U. | Price |
|--------------------|--------------------|----------|---------------|-------|-------|
| pebble gray | Code 2 L, PE, N | 1.0 | 92.232.1064.3 | 75 | |
| | | 2.0 | 92.232.2064.3 | 50 | |
| | | 3.0 | 92.232.3064.3 | 25 | |
| | | 4.0 | 92.232.4064.3 | 25 | |
| | | 5.0 | 92.232.5064.3 | 20 | |
| | | 6.0 | 92.232.6064.3 | 10 | |
| | | 7.0 | 92.232.7064.3 | 10 | |
| | | 8.0 | 92.232.8064.3 | 10 | |

| Cable black/coding | | Length m | Part No. | P. U. | Price |
|--------------------|--------------------|----------|---------------|-------|-------|
| salmon red | Code 3 L, PE, N | 1.0 | 92.232.1064.5 | 75 | |
| | | 2.0 | 92.232.2064.5 | 50 | |
| | | 3.0 | 92.232.3064.5 | 25 | |
| | | 4.0 | 92.232.4064.5 | 25 | |
| | | 5.0 | 92.232.5064.5 | 20 | |
| | | 6.0 | 92.232.6064.5 | 10 | |
| | | 7.0 | 92.232.7064.5 | 10 | |
| | | 8.0 | 92.232.8064.5 | 10 | |

| Cable black/coding | | Length m | Part No. | P. U. | Price |
|--------------------|-----------------------|----------|---------------|-------|-------|
| brown | Code 3 1, 2/N, 3/L | 1.0 | 92.232.1064.4 | 75 | |
| | | 2.0 | 92.232.2064.4 | 50 | |
| | | 3.0 | 92.232.3064.4 | 25 | |
| | | 4.0 | 92.232.4064.4 | 25 | |
| | | 5.0 | 92.232.5064.4 | 20 | |
| | | 6.0 | 92.232.6064.4 | 10 | |
| | | 7.0 | 92.232.7064.4 | 10 | |
| | | 8.0 | 92.232.8064.4 | 10 | |



1 = BK
 2/N = GY
 3/L = BN

Sheath strip length: 100 mm
 Wire stripping length: 12 mm



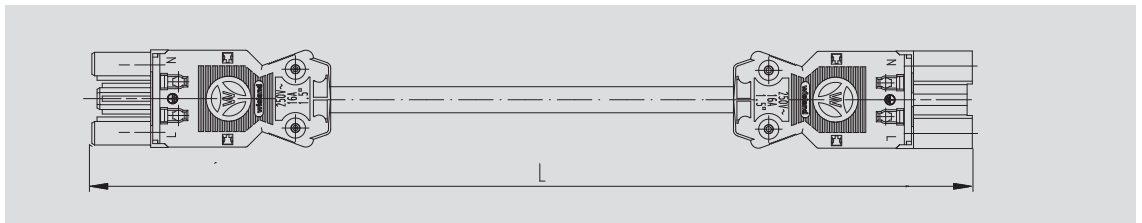
Other cables, other lengths, other codings on request

Cable assemblies, 3 pole, 1.5 mm²

Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:
 Cable diameter: 9.8 mm

Cable material, H07RN-F 1.5: Rubber
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male



Cable H07RN-F 1.5

| Cable black/coding | Length m | Part No. | P. U. | Price | |
|--------------------|--------------------|----------|---------------|-------|--|
| black | Code 1 L, PE, N | 1.0 | G3.032.0102.1 | 50 | |
| | | 2.0 | G3.032.0202.1 | 25 | |
| | | 3.0 | G3.032.0302.1 | 20 | |
| | | 4.0 | G3.032.0402.1 | 15 | |
| | | 5.0 | G3.032.0502.1 | 10 | |
| | | 6.0 | G3.032.0602.1 | 10 | |
| | | 7.0 | G3.032.0702.1 | 8 | |
| | | 8.0 | G3.032.0802.1 | 8 | |

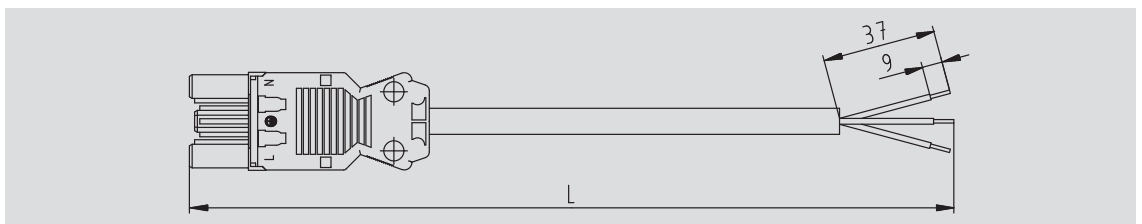


⊕ = GN/YE
 N = BU
 L = BN

Cable H07RN-F 1.5

| Cable black/coding | Length m | Part No. | P. U. | Price | |
|--------------------|--------------------|----------|---------------|-------|--|
| white | Code 1 L, PE, N | 1.0 | G3.032.0102.2 | 50 | |
| | | 2.0 | G3.032.0202.2 | 25 | |
| | | 3.0 | G3.032.0302.2 | 20 | |
| | | 4.0 | G3.032.0402.2 | 15 | |
| | | 5.0 | G3.032.0502.2 | 10 | |
| | | 6.0 | G3.032.0602.2 | 10 | |
| | | 7.0 | G3.032.0702.2 | 8 | |
| | | 8.0 | G3.032.0802.2 | 8 | |

Connection cables female – free end
 Wire ends ultrason. welded



Cable H07RN-F 1.5

| Cable black/coding | Length m | Part No. | P. U. | Price | |
|--------------------|--------------------|----------|---------------|-------|--|
| black | Code 1 N, PE, L | 1.0 | G3.332.0102.1 | 50 | |
| | | 2.0 | G3.332.0202.1 | 25 | |
| | | 3.0 | G3.332.0302.1 | 20 | |
| | | 4.0 | G3.332.0402.1 | 15 | |
| | | 5.0 | G3.332.0502.1 | 10 | |
| | | 6.0 | G3.332.0602.1 | 10 | |
| | | 7.0 | G3.332.0702.1 | 8 | |
| | | 8.0 | G3.332.0802.1 | 8 | |



⊕ = GN/YE
 N = BU
 L = BN

Cable H07RN-F 1.5

| Cable black/coding | Length m | Part No. | P. U. | Price | |
|--------------------|--------------------|----------|---------------|-------|--|
| white | Code 1 N, PE, L | 1.0 | G3.332.0102.2 | 50 | |
| | | 2.0 | G3.332.0202.2 | 25 | |
| | | 3.0 | G3.332.0302.2 | 20 | |
| | | 4.0 | G3.332.0402.2 | 15 | |
| | | 5.0 | G3.332.0502.2 | 10 | |
| | | 6.0 | G3.332.0602.2 | 10 | |
| | | 7.0 | G3.332.0702.2 | 8 | |
| | | 8.0 | G3.332.0802.2 | 8 | |

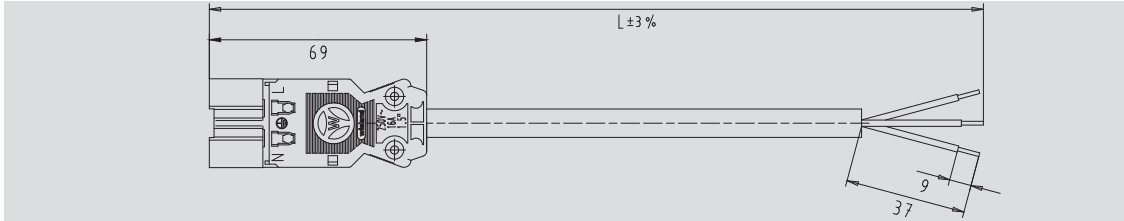
Other cables, other lengths, other codings on request

Cable assemblies, 3 pole, 1.5 mm²

Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:
 Cable diameter: 9.8 mm

Cable material, H07RN-F 1.5: rubber
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cables male – free end
 Wire ends ultrason. welded



Cable **H07RN-F 1.5**

| Cable black/coding | Length m | Part No. | P. U. | Price | |
|--------------------|--------------------|----------|---------------|-------|--|
| black | Code 1 L, PE, N | 1.0 | G3.432.0102.1 | 50 | |
| | | 2.0 | G3.432.0202.1 | 25 | |
| | | 3.0 | G3.432.0302.1 | 20 | |
| | | 4.0 | G3.432.0402.1 | 15 | |
| | | 5.0 | G3.432.0502.1 | 10 | |
| | | 6.0 | G3.432.0602.1 | 10 | |
| | | 7.0 | G3.432.0702.1 | 8 | |
| | | 8.0 | G3.432.0802.1 | 8 | |



⊕ = GN/YE
 N = BU
 L = BN



Cable **H07RN-F 1.5**

| Cable black/coding | Length m | Part No. | P. U. | Price | |
|--------------------|--------------------|----------|---------------|-------|--|
| white | Code 1 L, PE, N | 1.0 | G3.432.0102.2 | 50 | |
| | | 2.0 | G3.432.0202.2 | 25 | |
| | | 3.0 | G3.432.0302.2 | 20 | |
| | | 4.0 | G3.432.0402.2 | 15 | |
| | | 5.0 | G3.432.0502.2 | 10 | |
| | | 6.0 | G3.432.0602.2 | 10 | |
| | | 7.0 | G3.432.0702.2 | 8 | |
| | | 8.0 | G3.432.0802.2 | 8 | |



Other cables, other lengths, other codings on request

Cable assemblies, 3 pole, 2.5 mm²

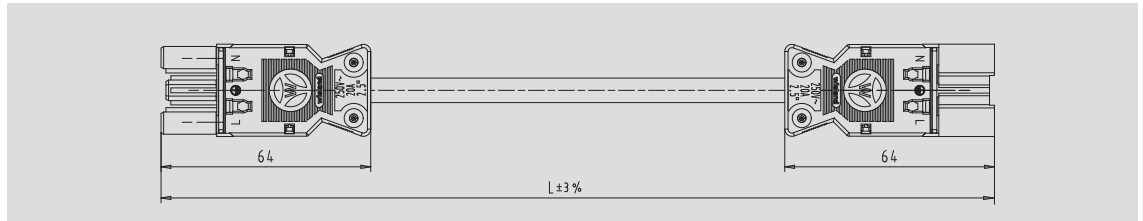
Rated voltage: 250 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:  
 Cable diameter: 10.2 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05V2V2-F: PVC, contains halogen, continuous temperature 90 °C
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male



⊕ = GN/YE
 N = BU
 L = BN



| Cable black/coding | | Length m | Cable H05VV-F | | | Cable H05V2V2-F | | |
|--------------------|--------------------|----------|---------------|-------|-------|-----------------|-------|-------|
| | | | Part No. | P. U. | Price | Part No. | P. U. | Price |
| black | Code 1 L, PE, N | 1.0 | 92.238.1000.1 | 50 | | 92.238.1010.1 | 50 | |
| | | 2.0 | 92.238.2000.1 | 25 | | 92.238.2010.1 | 25 | |
| | | 3.0 | 92.238.3000.1 | 20 | | 92.238.3010.1 | 20 | |
| | | 4.0 | 92.238.4000.1 | 15 | | 92.238.4010.1 | 15 | |
| | | 5.0 | 92.238.5000.1 | 10 | | 92.238.5010.1 | 10 | |
| | | 6.0 | 92.238.6000.1 | 10 | | 92.238.6010.1 | 10 | |
| | | 7.0 | 92.238.7000.1 | 5 | | 92.238.7010.1 | 5 | |
| | | 8.0 | 92.238.8000.1 | 5 | | 92.238.8010.1 | 5 | |

| Cable white/coding | | Length m | Cable H05VV-F | | | Cable H05V2V2-F | | |
|--------------------|--------------------|----------|---------------|-------|-------|-----------------|-------|-------|
| | | | Part No. | P. U. | Price | Part No. | P. U. | Price |
| white | Code 1 L, PE, N | 1.0 | 92.238.1000.2 | 50 | | 92.238.1010.2 | 50 | |
| | | 2.0 | 92.238.2000.2 | 25 | | 92.238.2010.2 | 25 | |
| | | 3.0 | 92.238.3000.2 | 20 | | 92.238.3010.2 | 20 | |
| | | 4.0 | 92.238.4000.2 | 15 | | 92.238.4010.2 | 15 | |
| | | 5.0 | 92.238.5000.2 | 10 | | 92.238.5010.2 | 10 | |
| | | 6.0 | 92.238.6000.2 | 10 | | 92.238.6010.2 | 10 | |
| | | 7.0 | 92.238.7000.2 | 5 | | 92.238.7010.2 | 5 | |
| | | 8.0 | 92.238.8000.2 | 5 | | 92.238.8010.2 | 5 | |

| Cable black/coding | | Length m | Cable H05VV-F | | | Cable H05V2V2-F | | |
|--------------------|--------------------|----------|---------------|-------|-------|-----------------|-------|-------|
| | | | Part No. | P. U. | Price | Part No. | P. U. | Price |
| pebble gray | Code 2 L, PE, N | 1.0 | 92.238.1000.3 | 50 | | 92.238.1010.3 | 50 | |
| | | 2.0 | 92.238.2000.3 | 25 | | 92.238.2010.3 | 25 | |
| | | 3.0 | 92.238.3000.3 | 20 | | 92.238.3010.3 | 20 | |
| | | 4.0 | 92.238.4000.3 | 15 | | 92.238.4010.3 | 15 | |
| | | 5.0 | 92.238.5000.3 | 10 | | 92.238.5010.3 | 10 | |
| | | 6.0 | 92.238.6000.3 | 10 | | 92.238.6010.3 | 10 | |
| | | 7.0 | 92.238.7000.3 | 5 | | 92.238.7010.3 | 5 | |
| | | 8.0 | 92.238.8000.3 | 5 | | 92.238.8010.3 | 5 | |

| Cable black/coding | | Length m | Cable H05VV-F | | | Cable H05V2V2-F | | |
|--------------------|--------------------|----------|---------------|-------|-------|-----------------|-------|-------|
| | | | Part No. | P. U. | Price | Part No. | P. U. | Price |
| salmon red | Code 3 L, PE, N | 1.0 | 92.238.1000.5 | 50 | | 92.238.1010.5 | 50 | |
| | | 2.0 | 92.238.2000.5 | 25 | | 92.238.2010.5 | 25 | |
| | | 3.0 | 92.238.3000.5 | 20 | | 92.238.3010.5 | 20 | |
| | | 4.0 | 92.238.4000.5 | 15 | | 92.238.4010.5 | 15 | |
| | | 5.0 | 92.238.5000.5 | 10 | | 92.238.5010.5 | 10 | |
| | | 6.0 | 92.238.6000.5 | 10 | | 92.238.6010.5 | 10 | |
| | | 7.0 | 92.238.7000.5 | 5 | | 92.238.7010.5 | 5 | |
| | | 8.0 | 92.238.8000.5 | 5 | | 92.238.8010.5 | 5 | |


| Cable black/coding | | Length m | Cable H05VV-F | | |
|--------------------|-----------------------|----------|---------------|-------|-------|
| | | | Part No. | P. U. | Price |
| brown | Code 4 1, 2/N, 3/L | 1.0 | 92.238.1000.4 | 50 | |
| | | 2.0 | 92.238.2000.4 | 25 | |
| | | 3.0 | 92.238.3000.4 | 20 | |
| | | 4.0 | 92.238.4000.4 | 15 | |
| | | 5.0 | 92.238.5000.4 | 10 | |
| | | 6.0 | 92.238.6000.4 | 10 | |
| | | 7.0 | 92.238.7000.4 | 5 | |
| | | 8.0 | 92.238.8000.4 | 5 | |



1 = BK
 2/N = GY
 3/L = BN

Other cables, other lengths, other codings on request

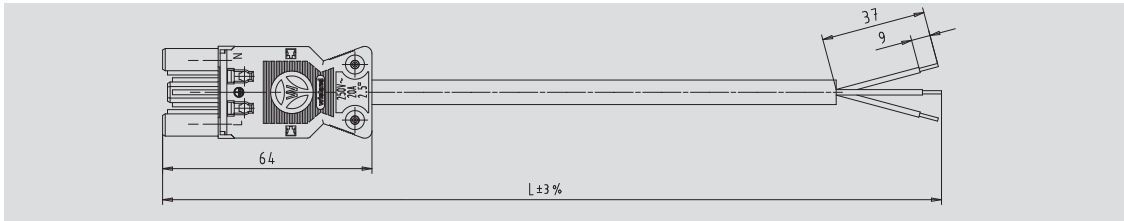
Cable assemblies, 3 pole, 2.5 mm²

Rated voltage: 250 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 10.2 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05V2V2-F: PVC, contains halogen, continuous temperature 90 °C
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cables female – free end

Wire ends ultrason. welded



⊕ = GN/YE
 N = BU
 L = BN

| Cable H05VV-F | | Cable H05V2V2-F | | | | | |
|--------------------|--------------------|-----------------|---------------|-------|---------------|-------|-------|
| Cable black/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| black | Code 1 N, PE, L | 1.0 | 92.238.1003.1 | 50 | 92.238.1013.1 | 50 | |
| | | 2.0 | 92.238.2003.1 | 25 | 92.238.2013.1 | 25 | |
| | | 3.0 | 92.238.3003.1 | 20 | 92.238.3013.1 | 20 | |
| | | 4.0 | 92.238.4003.1 | 15 | 92.238.4013.1 | 15 | |
| | | 5.0 | 92.238.5003.1 | 10 | 92.238.5013.1 | 10 | |
| | | 6.0 | 92.238.6003.1 | 10 | 92.238.6013.1 | 10 | |
| | | 7.0 | 92.238.7003.1 | 5 | 92.238.7013.1 | 5 | |
| | | 8.0 | 92.238.8003.1 | 5 | 92.238.8013.1 | 5 | |

| Cable H05VV-F | | Cable H05V2V2-F | | | | | |
|--------------------|--------------------|-----------------|---------------|-------|---------------|-------|-------|
| Cable white/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| white | Code 1 N, PE, L | 1.0 | 92.238.1003.2 | 50 | 92.238.1013.2 | 50 | |
| | | 2.0 | 92.238.2003.2 | 25 | 92.238.2013.2 | 25 | |
| | | 3.0 | 92.238.3003.2 | 20 | 92.238.3013.2 | 20 | |
| | | 4.0 | 92.238.4003.2 | 15 | 92.238.4013.2 | 15 | |
| | | 5.0 | 92.238.5003.2 | 10 | 92.238.5013.2 | 10 | |
| | | 6.0 | 92.238.6003.2 | 10 | 92.238.6013.2 | 10 | |
| | | 7.0 | 92.238.7003.2 | 5 | 92.238.7013.2 | 5 | |
| | | 8.0 | 92.238.8003.2 | 5 | 92.238.8013.2 | 5 | |

| Cable H05VV-F | | Cable H05V2V2-F | | | | | |
|--------------------|--------------------|-----------------|---------------|-------|---------------|-------|-------|
| Cable black/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| pebble gray | Code 2 N, PE, L | 1.0 | 92.238.1003.3 | 50 | 92.238.1013.3 | 50 | |
| | | 2.0 | 92.238.2003.3 | 25 | 92.238.2013.3 | 25 | |
| | | 3.0 | 92.238.3003.3 | 20 | 92.238.3013.3 | 20 | |
| | | 4.0 | 92.238.4003.3 | 15 | 92.238.4013.3 | 15 | |
| | | 5.0 | 92.238.5003.3 | 10 | 92.238.5013.3 | 10 | |
| | | 6.0 | 92.238.6003.3 | 10 | 92.238.6013.3 | 10 | |
| | | 7.0 | 92.238.7003.3 | 5 | 92.238.7013.3 | 5 | |
| | | 8.0 | 92.238.8003.3 | 5 | 92.238.8013.3 | 5 | |

| Cable H05VV-F | | Cable H05V2V2-F | | | | | |
|--------------------|--------------------|-----------------|---------------|-------|---------------|-------|-------|
| Cable black/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| salmon red | Code 3 N, PE, L | 1.0 | 92.238.1003.5 | 50 | 92.238.1013.5 | 50 | |
| | | 2.0 | 92.238.2003.5 | 25 | 92.238.2013.5 | 25 | |
| | | 3.0 | 92.238.3003.5 | 20 | 92.238.3013.5 | 20 | |
| | | 4.0 | 92.238.4003.5 | 15 | 92.238.4013.5 | 15 | |
| | | 5.0 | 92.238.5003.5 | 10 | 92.238.5013.5 | 10 | |
| | | 6.0 | 92.238.6003.5 | 10 | 92.238.6013.5 | 10 | |
| | | 7.0 | 92.238.7003.5 | 5 | 92.238.7013.5 | 5 | |
| | | 8.0 | 92.238.8003.5 | 5 | 92.238.8013.5 | 5 | |

| Cable H05VV-F | | Cable H05V2V2-F | | | | | |
|--------------------|-----------------------|-----------------|---------------|-------|---------------|-------|-------|
| Cable black/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| brown | Code 4 3/L, 2/N, 1 | 1.0 | 92.238.1003.4 | 50 | 92.238.1013.4 | 50 | |
| | | 2.0 | 92.238.2003.4 | 25 | 92.238.2013.4 | 25 | |
| | | 3.0 | 92.238.3003.4 | 20 | 92.238.3013.4 | 20 | |
| | | 4.0 | 92.238.4003.4 | 15 | 92.238.4013.4 | 15 | |
| | | 5.0 | 92.238.5003.4 | 10 | 92.238.5013.4 | 10 | |
| | | 6.0 | 92.238.6003.4 | 10 | 92.238.6013.4 | 10 | |
| | | 7.0 | 92.238.7003.4 | 5 | 92.238.7013.4 | 5 | |
| | | 8.0 | 92.238.8003.4 | 5 | 92.238.8013.4 | 5 | |





1 = BK
 2/N = GY
 3/L = BN

Sheath strip length: 100 mm
 Wire stripping length: 12 mm



Other cables, other lengths, other codings on request

Cable assemblies, 3 pole, 2.5 mm²

Rated voltage: 250 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:  
 Cable diameter: 10.2 mm

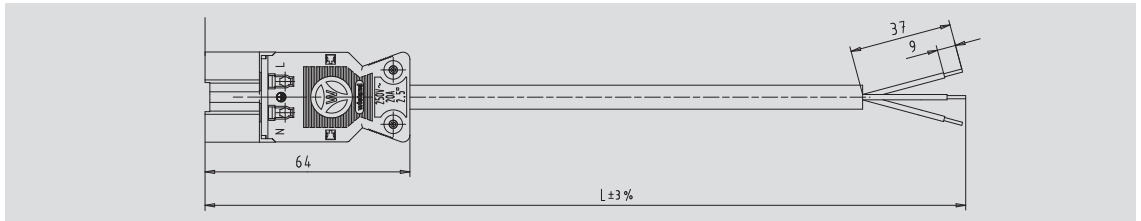
Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05V2V2-F: PVC, contains halogen, continuous temperature 90 °C
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cables male – free end

Wire ends ultrason. welded



⊕ = GN/YE
 N = BU
 L = BN



| Cable black/coding | | Length m | Cable H05VV-F | | | Cable H05V2V2-F | | |
|--------------------|--------------------|----------|---------------|-------|-------|-----------------|-------|-------|
| | | | Part No. | P. U. | Price | Part No. | P. U. | Price |
| black | Code 1 L, PE, N | 1.0 | 92.238.1004.1 | 50 | | 92.238.1014.1 | 50 | |
| | | 2.0 | 92.238.2004.1 | 25 | | 92.238.2014.1 | 25 | |
| | | 3.0 | 92.238.3004.1 | 20 | | 92.238.3014.1 | 20 | |
| | | 4.0 | 92.238.4004.1 | 15 | | 92.238.4014.1 | 15 | |
| | | 5.0 | 92.238.5004.1 | 10 | | 92.238.5014.1 | 10 | |
| | | 6.0 | 92.238.6004.1 | 10 | | 92.238.6014.1 | 10 | |
| | | 7.0 | 92.238.7004.1 | 5 | | 92.238.7014.1 | 5 | |
| | | 8.0 | 92.238.8004.1 | 5 | | 92.238.8014.1 | 5 | |

| Cable white/coding | | Length m | Cable H05VV-F | | | Cable H05V2V2-F | | |
|--------------------|--------------------|----------|---------------|-------|-------|-----------------|-------|-------|
| | | | Part No. | P. U. | Price | Part No. | P. U. | Price |
| white | Code 1 L, PE, N | 1.0 | 92.238.1004.2 | 50 | | 92.238.1014.2 | 50 | |
| | | 2.0 | 92.238.2004.2 | 25 | | 92.238.2014.2 | 25 | |
| | | 3.0 | 92.238.3004.2 | 20 | | 92.238.3014.2 | 20 | |
| | | 4.0 | 92.238.4004.2 | 15 | | 92.238.4014.2 | 15 | |
| | | 5.0 | 92.238.5004.2 | 10 | | 92.238.5014.2 | 10 | |
| | | 6.0 | 92.238.6004.2 | 10 | | 92.238.6014.2 | 10 | |
| | | 7.0 | 92.238.7004.2 | 5 | | 92.238.7014.2 | 5 | |
| | | 8.0 | 92.238.8004.2 | 5 | | 92.238.8014.2 | 5 | |

| Cable black/coding | | Length m | Cable H05VV-F | | | Cable H05V2V2-F | | |
|--------------------|--------------------|----------|---------------|-------|-------|-----------------|-------|-------|
| | | | Part No. | P. U. | Price | Part No. | P. U. | Price |
| pebble gray | Code 2 L, PE, N | 1.0 | 92.238.1004.3 | 50 | | 92.238.1014.3 | 50 | |
| | | 2.0 | 92.238.2004.3 | 25 | | 92.238.2014.3 | 25 | |
| | | 3.0 | 92.238.3004.3 | 20 | | 92.238.3014.3 | 20 | |
| | | 4.0 | 92.238.4004.3 | 15 | | 92.238.4014.3 | 15 | |
| | | 5.0 | 92.238.5004.3 | 10 | | 92.238.5014.3 | 10 | |
| | | 6.0 | 92.238.6004.3 | 10 | | 92.238.6014.3 | 10 | |
| | | 7.0 | 92.238.7004.3 | 5 | | 92.238.7014.3 | 5 | |
| | | 8.0 | 92.238.8004.3 | 5 | | 92.238.8014.3 | 5 | |

| Cable black/coding | | Length m | Cable H05VV-F | | | Cable H05V2V2-F | | |
|--------------------|--------------------|----------|---------------|-------|-------|-----------------|-------|-------|
| | | | Part No. | P. U. | Price | Part No. | P. U. | Price |
| salmon red | Code 3 L, PE, N | 1.0 | 92.238.1004.5 | 50 | | 92.238.1014.5 | 50 | |
| | | 2.0 | 92.238.2004.5 | 25 | | 92.238.2014.5 | 25 | |
| | | 3.0 | 92.238.3004.5 | 20 | | 92.238.3014.5 | 20 | |
| | | 4.0 | 92.238.4004.5 | 15 | | 92.238.4014.5 | 15 | |
| | | 5.0 | 92.238.5004.5 | 10 | | 92.238.5014.5 | 10 | |
| | | 6.0 | 92.238.6004.5 | 10 | | 92.238.6014.5 | 10 | |
| | | 7.0 | 92.238.7004.5 | 5 | | 92.238.7014.5 | 5 | |
| | | 8.0 | 92.238.8004.5 | 5 | | 92.238.8014.5 | 5 | |

| Cable black/coding | | Length m | Cable H05VV-F | | |
|--------------------|-----------------------|----------|---------------|-------|-------|
| | | | Part No. | P. U. | Price |
| brown | Code 4 1, 2/N, 3/L | 1.0 | 92.238.1004.4 | 50 | |
| | | 2.0 | 92.238.2004.4 | 25 | |
| | | 3.0 | 92.238.3004.4 | 20 | |
| | | 4.0 | 92.238.4004.4 | 15 | |
| | | 5.0 | 92.238.5004.4 | 10 | |
| | | 6.0 | 92.238.6004.4 | 10 | |
| | | 7.0 | 92.238.7004.4 | 5 | |
| | | 8.0 | 92.238.8004.4 | 5 | |




1 = BK
 2/N = GY
 3/L = BN

Sheath strip length: 100 mm
 Wire stripping length: 12 mm

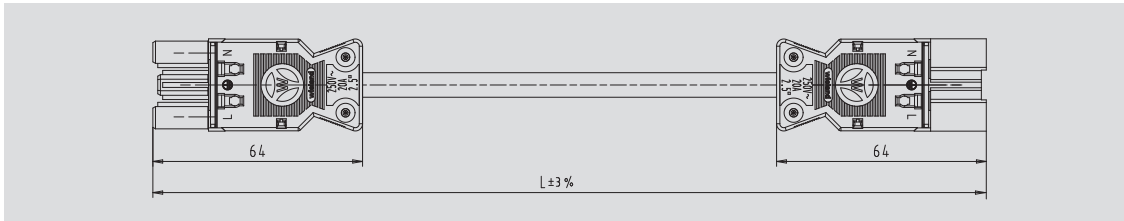
Other cables, other lengths, other codings on request

Cable assemblies, 3 pole, 2.5 mm²


Rated voltage: 250 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 10.2 mm


Cable material, H05Z1Z1-F: halogen-free
 Cable material, RZ1-K VV-K: halogen-free
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories


Connecting cables female – male





⊕ = GN/YE
 N = BU
 L = BN

| Cable H05Z1Z1-F | | | | Cable RZ1-K VV-K | | | | |
|--------------------|---|--------------------|-------|------------------|----------|---------------|-------|--|
| Cable black/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price | |
| black |  | Code 1 L, PE, N | 1.0 | 92.238.1060.1 | 50 | G2.238.1060.1 | 40 | |
| | | | 2.0 | 92.238.2060.1 | 25 | G2.238.2060.1 | 15 | |
| | | | 3.0 | 92.238.3060.1 | 15 | G2.238.3060.1 | 15 | |
| | | | 4.0 | 92.238.4060.1 | 10 | G2.238.4060.1 | 10 | |
| | | | 5.0 | 92.238.5060.1 | 10 | G2.238.5060.1 | 10 | |
| | | | 6.0 | 92.238.6060.1 | 10 | G2.238.6060.1 | 8 | |
| | | | 7.0 | 92.238.7060.1 | 5 | G2.238.7060.1 | 5 | |
| | | | 8.0 | 92.238.8060.1 | 5 | G2.238.8060.1 | 5 | |

| Cable H05Z1Z1-F | | | | Cable RZ1-K VV-K | | | | |
|--------------------|---|--------------------|-------|------------------|----------|---------------|-------|--|
| Cable white/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price | |
| white |  | Code 1 L, PE, N | 1.0 | 92.238.1060.2 | 50 | G2.238.1060.2 | 40 | |
| | | | 2.0 | 92.238.2060.2 | 25 | G2.238.2060.2 | 15 | |
| | | | 3.0 | 92.238.3060.2 | 15 | G2.238.3060.2 | 15 | |
| | | | 4.0 | 92.238.4060.2 | 10 | G2.238.4060.2 | 10 | |
| | | | 5.0 | 92.238.5060.2 | 10 | G2.238.5060.2 | 10 | |
| | | | 6.0 | 92.238.6060.2 | 10 | G2.238.6060.2 | 8 | |
| | | | 7.0 | 92.238.7060.2 | 5 | G2.238.7060.2 | 5 | |
| | | | 8.0 | 92.238.8060.2 | 5 | G2.238.8060.2 | 5 | |

| Cable H05Z1Z1-F | | | | | |
|--------------------|---|--------------------|-------|---------------|----|
| Cable black/coding | Length m | Part No. | P. U. | Price | |
| pebble gray |  | Code 2 L, PE, N | 1.0 | 92.238.1060.3 | 50 |
| | | | 2.0 | 92.238.2060.3 | 25 |
| | | | 3.0 | 92.238.3060.3 | 15 |
| | | | 4.0 | 92.238.4060.3 | 10 |
| | | | 5.0 | 92.238.5060.3 | 10 |
| | | | 6.0 | 92.238.6060.3 | 10 |
| | | | 7.0 | 92.238.7060.3 | 5 |
| | | | 8.0 | 92.238.8060.3 | 5 |

| Cable H05Z1Z1-F | | | | | |
|--------------------|---|--------------------|-------|---------------|----|
| Cable black/coding | Length m | Part No. | P. U. | Price | |
| salmon red |  | Code 3 L, PE, N | 1.0 | 92.238.1060.5 | 50 |
| | | | 2.0 | 92.238.2060.5 | 25 |
| | | | 3.0 | 92.238.3060.5 | 15 |
| | | | 4.0 | 92.238.4060.5 | 10 |
| | | | 5.0 | 92.238.5060.5 | 10 |
| | | | 6.0 | 92.238.6060.5 | 10 |
| | | | 7.0 | 92.238.7060.5 | 5 |
| | | | 8.0 | 92.238.8060.5 | 5 |

| Cable H05Z1Z1-F | | | | | |
|--------------------|---|-----------------------|-------|---------------|----|
| Cable black/coding | Length m | Part No. | P. U. | Price | |
| brown |  | Code 4 1, 2/N, 3/L | 1.0 | 92.238.1060.4 | 50 |
| | | | 2.0 | 92.238.2060.4 | 25 |
| | | | 3.0 | 92.238.3060.4 | 15 |
| | | | 4.0 | 92.238.4060.4 | 10 |
| | | | 5.0 | 92.238.5060.4 | 10 |
| | | | 6.0 | 92.238.6060.4 | 10 |
| | | | 7.0 | 92.238.7060.4 | 5 |
| | | | 8.0 | 92.238.8060.4 | 5 |






1 = BK
 2/N = GY
 3/L = BN



Other cables, other lengths, other codings on request

Cable assemblies, 3 pole, 2.5 mm²

Rated voltage: 250 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:   
 Cable diameter: 10.2 mm

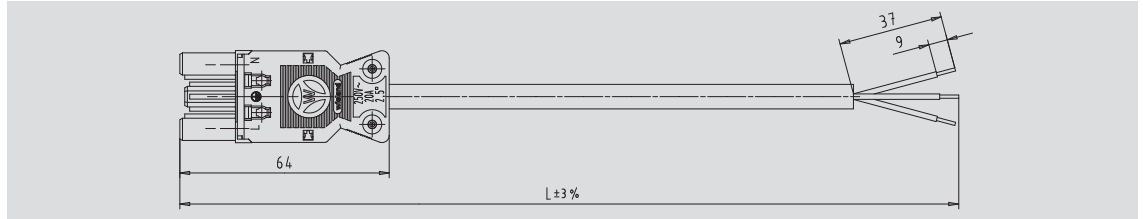
Cable material, H05Z1Z1-F: halogen-free
 Cable material, RZ1-K VV-K: halogen-free
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cables female – free end

Wire ends ultrason. welded



⊕ = GN/YE
 N = BU
 L = BN



| Cable H05Z1Z1-F | | Cable RZ1-K VV-K | | | | |
|--------------------|--------------------|------------------|---------------|----------|---------------|----|
| Cable black/coding | Length m | Part No. | P. U. Price | Part No. | P. U. Price | |
| black | Code 1 N, PE, L | 1.0 | 92.238.1063.1 | 50 | G2.238.1063.1 | 50 |
| | | 2.0 | 92.238.2063.1 | 25 | G2.238.2063.1 | 25 |
| | | 3.0 | 92.238.3063.1 | 15 | G2.238.3063.1 | 20 |
| | | 4.0 | 92.238.4063.1 | 15 | G2.238.4063.1 | 15 |
| | | 5.0 | 92.238.5063.1 | 10 | G2.238.5063.1 | 10 |
| | | 6.0 | 92.238.6063.1 | 10 | G2.238.6063.1 | 10 |
| | | 7.0 | 92.238.7063.1 | 5 | G2.238.7063.1 | 5 |
| | | 8.0 | 92.238.8063.1 | 5 | G2.238.8063.1 | 5 |

| Cable H05Z1Z1-F | | Cable RZ1-K VV-K | | | | |
|--------------------|--------------------|------------------|---------------|----------|---------------|----|
| Cable white/coding | Length m | Part No. | P. U. Price | Part No. | P. U. Price | |
| white | Code 1 N, PE, L | 1.0 | 92.238.1063.2 | 50 | G2.238.1063.2 | 50 |
| | | 2.0 | 92.238.2063.2 | 25 | G2.238.2063.2 | 25 |
| | | 3.0 | 92.238.3063.2 | 15 | G2.238.3063.2 | 20 |
| | | 4.0 | 92.238.4063.2 | 15 | G2.238.4063.2 | 15 |
| | | 5.0 | 92.238.5063.2 | 10 | G2.238.5063.2 | 10 |
| | | 6.0 | 92.238.6063.2 | 10 | G2.238.6063.2 | 10 |
| | | 7.0 | 92.238.7063.2 | 5 | G2.238.7063.2 | 5 |
| | | 8.0 | 92.238.8063.2 | 5 | G2.238.8063.2 | 5 |

| Cable H05Z1Z1-F | | | | |
|--------------------|--------------------|----------|---------------|----|
| Cable black/coding | Length m | Part No. | P. U. Price | |
| pebble gray | Code 2 N, PE, L | 1.0 | 92.238.1063.3 | 50 |
| | | 2.0 | 92.238.2063.3 | 25 |
| | | 3.0 | 92.238.3063.3 | 15 |
| | | 4.0 | 92.238.4063.3 | 15 |
| | | 5.0 | 92.238.5063.3 | 10 |
| | | 6.0 | 92.238.6063.3 | 10 |
| | | 7.0 | 92.238.7063.3 | 5 |
| | | 8.0 | 92.238.8063.3 | 5 |

| Cable H05Z1Z1-F | | | | |
|--------------------|--------------------|----------|---------------|----|
| Cable black/coding | Length m | Part No. | P. U. Price | |
| salmon red | Code 3 N, PE, L | 1.0 | 92.238.1063.5 | 50 |
| | | 2.0 | 92.238.2063.5 | 25 |
| | | 3.0 | 92.238.3063.5 | 15 |
| | | 4.0 | 92.238.4063.5 | 15 |
| | | 5.0 | 92.238.5063.5 | 10 |
| | | 6.0 | 92.238.6063.5 | 10 |
| | | 7.0 | 92.238.7063.5 | 5 |
| | | 8.0 | 92.238.8063.5 | 5 |


| Cable H05Z1Z1-F | | | | |
|--------------------|-----------------------|----------|---------------|----|
| Cable black/coding | Length m | Part No. | P. U. Price | |
| brown | Code 4 3/L, 2/N, 1 | 1.0 | 92.238.1063.4 | 50 |
| | | 2.0 | 92.238.2063.4 | 25 |
| | | 3.0 | 92.238.3063.4 | 15 |
| | | 4.0 | 92.238.4063.4 | 15 |
| | | 5.0 | 92.238.5063.4 | 10 |
| | | 6.0 | 92.238.6063.4 | 10 |
| | | 7.0 | 92.238.7063.4 | 5 |
| | | 8.0 | 92.238.8063.4 | 5 |



Sheath strip length: 100 mm
 Wire stripping length: 12 mm

Other cables, other lengths, other codings on request

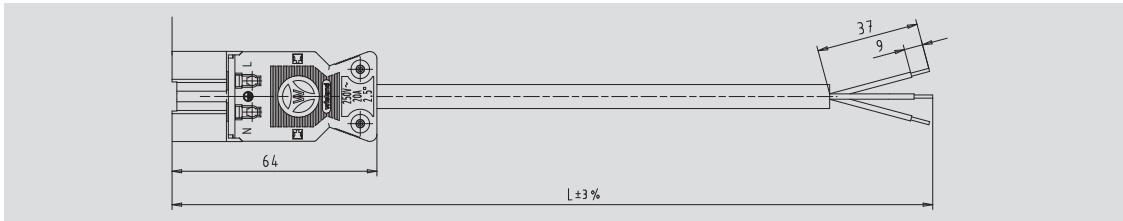
Cable assemblies, 3 pole, 2.5 mm²

Rated voltage: 250 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 10.2 mm

Cable material, H05Z1Z1-F: halogen-free
 Cable material, RZ1-K VV-K: halogen-free
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cables Code male – free end

Wire ends ultrason. welded



⊕ = GN/YE
 N = BU
 L = BN

| Cable H05Z1Z1-F | | | | | Cable RZ1-K VV-K | | |
|--------------------|--------------------|----------|---------------|-------|------------------|-------|-------|
| Cable black/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| black | Code 1 L, PE, N | 1.0 | 92.238.1064.1 | 50 | G2.238.1064.1 | 50 | |
| | | 2.0 | 92.238.2064.1 | 25 | G2.238.2064.1 | 25 | |
| | | 3.0 | 92.238.3064.1 | 15 | G2.238.3064.1 | 20 | |
| | | 4.0 | 92.238.4064.1 | 15 | G2.238.4064.1 | 10 | |
| | | 5.0 | 92.238.5064.1 | 10 | G2.238.5064.1 | 10 | |
| | | 6.0 | 92.238.6064.1 | 10 | G2.238.6064.1 | 8 | |
| | | 7.0 | 92.238.7064.1 | 5 | G2.238.7064.1 | 5 | |
| | | 8.0 | 92.238.8064.1 | 5 | G2.238.8064.1 | 5 | |

| Cable H05Z1Z1-F | | | | | Cable RZ1-K VV-K | | |
|--------------------|--------------------|----------|---------------|-------|------------------|-------|-------|
| Cable white/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| white | Code 1 L, PE, N | 1.0 | 92.238.1064.2 | 50 | G2.238.1064.2 | 50 | |
| | | 2.0 | 92.238.2064.2 | 25 | G2.238.2064.2 | 50 | |
| | | 3.0 | 92.238.3064.2 | 15 | G2.238.3064.2 | 25 | |
| | | 4.0 | 92.238.4064.2 | 15 | G2.238.4064.2 | 10 | |
| | | 5.0 | 92.238.5064.2 | 10 | G2.238.5064.2 | 20 | |
| | | 6.0 | 92.238.6064.2 | 10 | G2.238.6064.2 | 8 | |
| | | 7.0 | 92.238.7064.2 | 5 | G2.238.7064.2 | 5 | |
| | | 8.0 | 92.238.8064.2 | 5 | G2.238.8064.2 | 5 | |

| Cable H05Z1Z1-F | | | | | |
|--------------------|--------------------|----------|---------------|-------|--|
| Cable black/coding | Length m | Part No. | P. U. | Price | |
| pebble gray | Code 2 L, PE, N | 1.0 | 92.238.1064.3 | 50 | |
| | | 2.0 | 92.238.2064.3 | 25 | |
| | | 3.0 | 92.238.3064.3 | 15 | |
| | | 4.0 | 92.238.4064.3 | 15 | |
| | | 5.0 | 92.238.5064.3 | 10 | |
| | | 6.0 | 92.238.6064.3 | 10 | |
| | | 7.0 | 92.238.7064.3 | 5 | |
| | | 8.0 | 92.238.8064.3 | 5 | |

| Cable H05Z1Z1-F | | | | | |
|--------------------|--------------------|----------|---------------|-------|--|
| Cable black/coding | Length m | Part No. | P. U. | Price | |
| salmon red | Code 3 L, PE, N | 1.0 | 92.238.1064.5 | 50 | |
| | | 2.0 | 92.238.2064.5 | 25 | |
| | | 3.0 | 92.238.3064.5 | 15 | |
| | | 4.0 | 92.238.4064.5 | 15 | |
| | | 5.0 | 92.238.5064.5 | 10 | |
| | | 6.0 | 92.238.6064.5 | 10 | |
| | | 7.0 | 92.238.7064.5 | 5 | |
| | | 8.0 | 92.238.8064.5 | 5 | |

| Cable H05Z1Z1-F | | | | | |
|--------------------|-----------------------|----------|---------------|-------|--|
| Cable black/coding | Length m | Part No. | P. U. | Price | |
| brown | Code 4 1, 2/N, 3/L | 1.0 | 92.238.1064.4 | 50 | |
| | | 2.0 | 92.238.2064.4 | 25 | |
| | | 3.0 | 92.238.3064.4 | 15 | |
| | | 4.0 | 92.238.4064.4 | 15 | |
| | | 5.0 | 92.238.5064.4 | 10 | |
| | | 6.0 | 92.238.6064.4 | 10 | |
| | | 7.0 | 92.238.7064.4 | 5 | |
| | | 8.0 | 92.238.8064.4 | 5 | |



Sheath strip length: 100 mm
 Wire stripping length: 12 mm



Other cables, other lengths, other codings on request

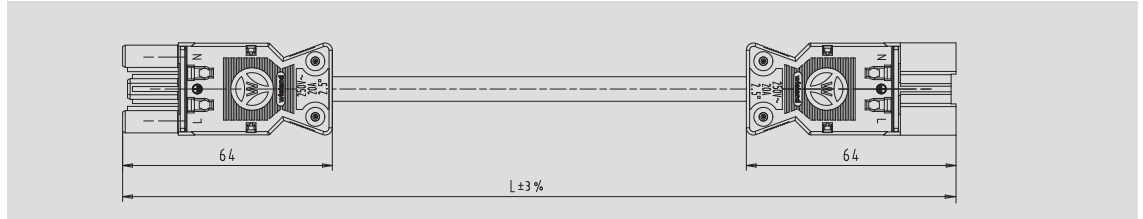
GST18i3

Cable assemblies, 3 pole, 2.5 mm²

Rated voltage: 250 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:
 Cable diameter: 11.6 mm

Cable material, H07RN-F: rubber
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male



Cable H07RN-F 2.5

| Cable black/coding | Length m | Part No. | P. U. | Price | |
|--------------------|--------------------|----------|---------------|-------|--|
| black | Code 1 L, PE, N | 1.0 | G3.032.0103.1 | 40 | |
| | | 2.0 | G3.032.0203.1 | 20 | |
| | | 3.0 | G3.032.0303.1 | 15 | |
| | | 4.0 | G3.032.0403.1 | 10 | |
| | | 5.0 | G3.032.0503.1 | 10 | |
| | | 6.0 | G3.032.0603.1 | 8 | |
| | | 7.0 | G3.032.0703.1 | 5 | |
| | | 8.0 | G3.032.0803.1 | 5 | |

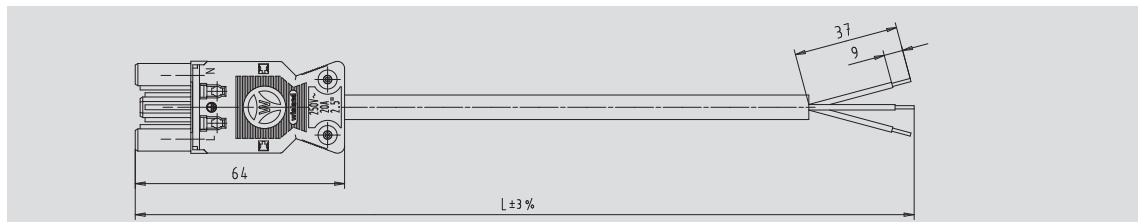


⊕ = GN/YE
 N = BU
 L = BN

Cable H07RN-F 2.5

| Cable black/coding | Length m | Part No. | P. U. | Price | |
|--------------------|--------------------|----------|---------------|-------|--|
| white | Code 1 L, PE, N | 1.0 | G3.032.0103.2 | 40 | |
| | | 2.0 | G3.032.0203.2 | 20 | |
| | | 3.0 | G3.032.0303.2 | 15 | |
| | | 4.0 | G3.032.0403.2 | 10 | |
| | | 5.0 | G3.032.0503.2 | 10 | |
| | | 6.0 | G3.032.0603.2 | 8 | |
| | | 7.0 | G3.032.0703.2 | 5 | |
| | | 8.0 | G3.032.0803.2 | 5 | |

Connection cables female – free end
 Wire ends ultrason. welded



Cable H07RN-F 2.5

| Cable black/coding | Length m | Part No. | P. U. | Price | |
|--------------------|--------------------|----------|---------------|-------|--|
| black | Code 1 N, PE, L | 1.0 | G3.332.0103.1 | 40 | |
| | | 2.0 | G3.332.0203.1 | 25 | |
| | | 3.0 | G3.332.0303.1 | 20 | |
| | | 4.0 | G3.332.0403.1 | 10 | |
| | | 5.0 | G3.332.0503.1 | 10 | |
| | | 6.0 | G3.332.0603.1 | 8 | |
| | | 7.0 | G3.332.0703.1 | 5 | |
| | | 8.0 | G3.332.0803.1 | 5 | |



⊕ = GN/YE
 N = BU
 L = BN

Cable H07RN-F 2.5

| Cable black/coding | Length m | Part No. | P. U. | Price | |
|--------------------|--------------------|----------|---------------|-------|--|
| white | Code 1 N, PE, L | 1.0 | G3.332.0103.2 | 40 | |
| | | 2.0 | G3.332.0203.2 | 25 | |
| | | 3.0 | G3.332.0303.2 | 20 | |
| | | 4.0 | G3.332.0403.2 | 10 | |
| | | 5.0 | G3.332.0503.2 | 10 | |
| | | 6.0 | G3.332.0603.2 | 8 | |
| | | 7.0 | G3.332.0703.2 | 5 | |
| | | 8.0 | G3.332.0803.2 | 5 | |

Other cables, other lengths, other codings on request

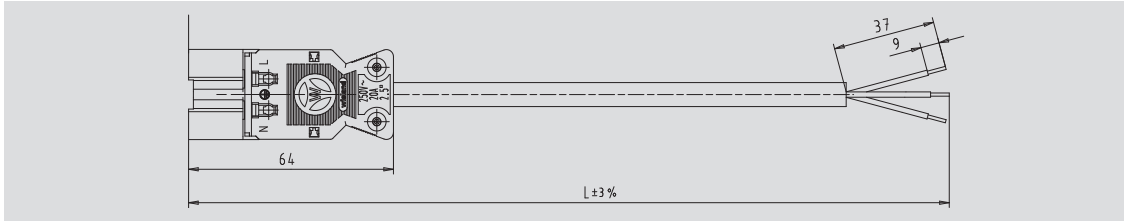


Cable assemblies, 3 pole, 2.5 mm²

Rated voltage: 250 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:
 Cable diameter: 11.6 mm

Cable material, H07RN-F: rubber
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cables male – free end
 Wire ends ultrason. welded



Cable **H07RN-F 2.5**

| Cable black/coding | Length m | Part No. | P. U. | Price | |
|--------------------|--------------------|----------|---------------|-------|--|
| black | Code 1 L, PE, N | 1.0 | G3.432.0103.1 | 40 | |
| | | 2.0 | G3.432.0203.1 | 20 | |
| | | 3.0 | G3.432.0303.1 | 15 | |
| | | 4.0 | G3.432.0403.1 | 10 | |
| | | 5.0 | G3.432.0503.1 | 10 | |
| | | 6.0 | G3.432.0603.1 | 8 | |
| | | 7.0 | G3.432.0703.1 | 5 | |
| | | 8.0 | G3.432.0803.1 | 5 | |



⊕ = GN/YE
 N = BU
 L = BN



Cable **H07RN-F 2.5**

| Cable black/coding | Length m | Part No. | P. U. | Price | |
|--------------------|--------------------|----------|---------------|-------|--|
| white | Code 1 L, PE, N | 1.0 | G3.432.0103.2 | 40 | |
| | | 2.0 | G3.432.0203.2 | 20 | |
| | | 3.0 | G3.432.0303.2 | 15 | |
| | | 4.0 | G3.432.0403.2 | 10 | |
| | | 5.0 | G3.432.0503.2 | 10 | |
| | | 6.0 | G3.432.0603.2 | 8 | |
| | | 7.0 | G3.432.0703.2 | 5 | |
| | | 8.0 | G3.432.0803.2 | 5 | |



Other cables, other lengths, other codings on request

Cable assemblies, 3 pole, 1.5 mm²

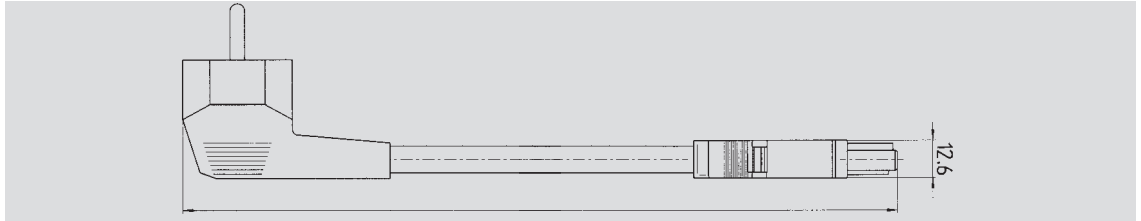
Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:  
 Cable diameter: 8.3 mm

Cable material, H05VV-F: PVC, contains halogen
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male CEE 7/4



⊕ = GN/YE
 N = BU
 L = BN



Cable H05VV-F

| Cable black/coding | Length m | Part No. | P. U. | Price | |
|--------------------|--------------------|----------|---------------|-------|--|
| black | Code 1 N, PE, L | 1.0 | 92.232.1007.1 | 50 | |
| | | 2.0 | 92.232.2007.1 | 40 | |
| | | 3.0 | 92.232.3007.1 | 25 | |
| | | 4.0 | 92.232.4007.1 | 20 | |
| | | 5.0 | 92.232.5007.1 | 20 | |
| | | 6.0 | 92.232.6007.1 | 10 | |
| | | 7.0 | 92.232.7007.1 | 10 | |
| | | 8.0 | 92.232.8007.1 | 10 | |

Cable H05VV-F

| Cable white/coding | Length m | Part No. | P. U. | Price | |
|--------------------|--------------------|----------|---------------|-------|--|
| white | Code 1 N, PE, L | 1.0 | 92.232.1007.2 | 50 | |
| | | 2.0 | 92.232.2007.2 | 40 | |
| | | 3.0 | 92.232.3007.2 | 25 | |
| | | 4.0 | 92.232.4007.2 | 20 | |
| | | 5.0 | 92.232.5007.2 | 20 | |
| | | 6.0 | 92.232.6007.2 | 10 | |
| | | 7.0 | 92.232.7007.2 | 10 | |
| | | 8.0 | 92.232.8007.2 | 10 | |

Cable H05VV-F

| Cable black/coding | Length m | Part No. | P. U. | Price | |
|--------------------|--------------------|----------|---------------|-------|--|
| salmon red | Code 3 N, PE, L | 2.0 | 92.232.2007.5 | 40 | |
| | | 3.0 | 92.232.3007.5 | 25 | |

Other cables, other lengths, other codings on request

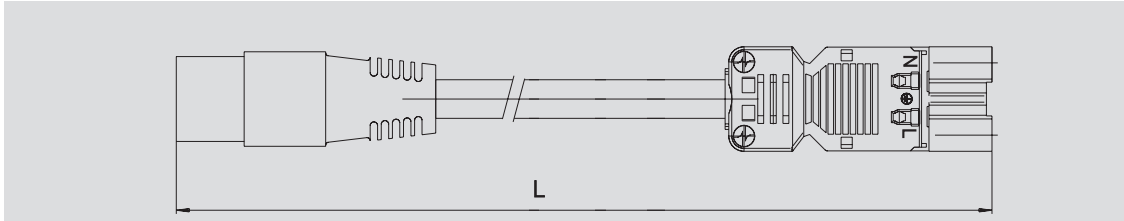


Cable assemblies, 3 pole, 1.0 mm²

Rated voltage: 250 V
 Rated current: 10 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:
 Cable diameter 7.5 mm

Cable material, H05VV-F: PVC, contains halogen
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables male – low-heat device, female



⊕ = GN/YE
 N = BU
 L = BN

Cable H05VV-F

| Cable white/coding | Length m | Part No. | P. U. | Price |
|--------------------|----------|---------------|-------|-------|
| white Code 1 | 2.0 | 99.400.5623.1 | 50 | |





GST18i3



Other cables, other lengths, other codings on request

Cable assemblies, 4 pole, 1.5 mm²

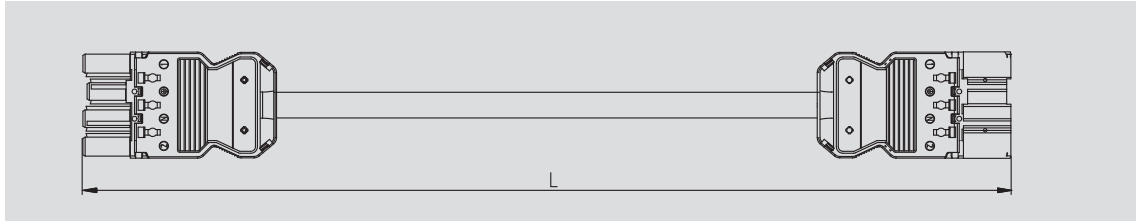
Rated voltage: 250 V / 400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:  
 Cable diameter: 9.2 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05Z1Z1-F: halogen-free
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male



⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK



| Cable H05VV-F | | | | | Cable H05Z1Z1-F | | |
|--------------------|-----------------------|----------|---------------|-------|-----------------|---------------|-------|
| Cable black/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| black | Code 1 1, PE, N, 2 | 1.0 | 92.207.1000.1 | 50 | | 92.207.1060.1 | 50 |
| | | 2.0 | 92.207.2000.1 | 25 | | 92.207.2060.1 | 25 |
| | | 3.0 | 92.207.3000.1 | 20 | | 92.207.3060.1 | 20 |
| | | 4.0 | 92.207.4000.1 | 15 | | 92.207.4060.1 | 15 |
| | | 5.0 | 92.207.5000.1 | 10 | | 92.207.5060.1 | 10 |
| | | 6.0 | 92.207.6000.1 | 10 | | 92.207.6060.1 | 10 |
| | | 7.0 | 92.207.7000.1 | 5 | | 92.207.7060.1 | 5 |
| | | 8.0 | 92.207.8000.1 | 5 | | 92.207.8060.1 | 5 |


| Cable H05VV-F | | | | | Cable H05Z1Z1-F | | |
|--------------------|-----------------------|----------|---------------|-------|-----------------|---------------|-------|
| Cable white/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| white | Code 1 1, PE, N, 2 | 1.0 | 92.207.1000.2 | 50 | | 92.207.1060.2 | 50 |
| | | 2.0 | 92.207.2000.2 | 25 | | 92.207.2060.2 | 25 |
| | | 3.0 | 92.207.3000.2 | 20 | | 92.207.3060.2 | 20 |
| | | 4.0 | 92.207.4000.2 | 15 | | 92.207.4060.2 | 15 |
| | | 5.0 | 92.207.5000.2 | 10 | | 92.207.5060.2 | 10 |
| | | 6.0 | 92.207.6000.2 | 10 | | 92.207.6060.2 | 10 |
| | | 7.0 | 92.207.7000.2 | 5 | | 92.207.7060.2 | 5 |
| | | 8.0 | 92.207.8000.2 | 5 | | 92.207.8060.2 | 5 |

| Cable H05VV-F | | | | | Cable H05Z1Z1-F | | |
|--------------------|-----------------------|----------|---------------|-------|-----------------|---------------|-------|
| Cable black/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| pebble gray | Code 2 1, PE, N, 2 | 1.0 | 92.207.1000.3 | 50 | | 92.207.1060.3 | 50 |
| | | 2.0 | 92.207.2000.3 | 25 | | 92.207.2060.3 | 25 |
| | | 3.0 | 92.207.3000.3 | 20 | | 92.207.3060.3 | 20 |
| | | 4.0 | 92.207.4000.3 | 15 | | 92.207.4060.3 | 15 |
| | | 5.0 | 92.207.5000.3 | 10 | | 92.207.5060.3 | 10 |
| | | 6.0 | 92.207.6000.3 | 10 | | 92.207.6060.3 | 10 |
| | | 7.0 | 92.207.7000.3 | 5 | | 92.207.7060.3 | 10 |
| | | 8.0 | 92.207.8000.3 | 5 | | 92.207.8060.3 | 5 |

Other cables, other lengths, other codings on request



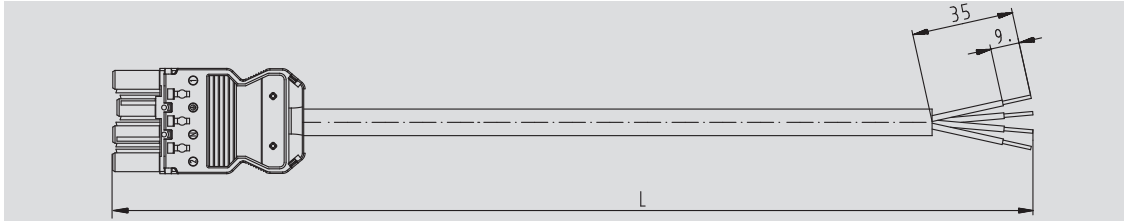
Cable assemblies, 4 pole, 1.5 mm²

Rated voltage: 250 V / 400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 9.2 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05Z1Z1-F: halogen-free
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cables female – free end

Wire ends ultrason. welded



⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK

| Cable black/coding | | Cable H05VV-F | | | Cable H05Z1Z1-F | | |
|--------------------|-----------------------|---------------|---------------|-------|-----------------|-------|-------|
| | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| black | Code 1 2, N, PE, 1 | 1.0 | 92.207.1003.1 | 50 | 92.207.1063.1 | 50 | |
| | | 2.0 | 92.207.2003.1 | 25 | 92.207.2063.1 | 25 | |
| | | 3.0 | 92.207.3003.1 | 20 | 92.207.3063.1 | 20 | |
| | | 4.0 | 92.207.4003.1 | 15 | 92.207.4063.1 | 15 | |
| | | 5.0 | 92.207.5003.1 | 10 | 92.207.5063.1 | 10 | |
| | | 6.0 | 92.207.6003.1 | 10 | 92.207.6063.1 | 10 | |
| | | 7.0 | 92.207.7003.1 | 5 | 92.207.7063.1 | 5 | |
| | | 8.0 | 92.207.8003.1 | 5 | 92.207.8063.1 | 5 | |



| Cable white/coding | | Cable H05VV-F | | | Cable H05Z1Z1-F | | |
|--------------------|-----------------------|---------------|---------------|-------|-----------------|-------|-------|
| | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| white | Code 1 2, N, PE, 1 | 1.0 | 92.207.1003.2 | 50 | 92.207.1063.2 | 50 | |
| | | 2.0 | 92.207.2003.2 | 25 | 92.207.2063.2 | 25 | |
| | | 3.0 | 92.207.3003.2 | 20 | 92.207.3063.2 | 20 | |
| | | 4.0 | 92.207.4003.2 | 15 | 92.207.4063.2 | 15 | |
| | | 5.0 | 92.207.5003.2 | 10 | 92.207.5063.2 | 10 | |
| | | 6.0 | 92.207.6003.2 | 10 | 92.207.6063.2 | 10 | |
| | | 7.0 | 92.207.7003.2 | 5 | 92.207.7063.2 | 10 | |
| | | 8.0 | 92.207.8003.2 | 5 | 92.207.8063.2 | 5 | |

| Cable black/coding | | Cable H05VV-F | | | Cable H05Z1Z1-F | | |
|--------------------|-----------------------|---------------|---------------|-------|-----------------|-------|-------|
| | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| pebble gray | Code 2 2, N, PE, 1 | 1.0 | 92.207.1003.3 | 50 | 92.207.1063.3 | 50 | |
| | | 2.0 | 92.207.2003.3 | 25 | 92.207.2063.3 | 25 | |
| | | 3.0 | 92.207.3003.3 | 20 | 92.207.3063.3 | 20 | |
| | | 4.0 | 92.207.4003.3 | 15 | 92.207.4063.3 | 15 | |
| | | 5.0 | 92.207.5003.3 | 10 | 92.207.5063.3 | 10 | |
| | | 6.0 | 92.207.6003.3 | 10 | 92.207.6063.3 | 10 | |
| | | 7.0 | 92.207.7003.3 | 10 | 92.207.7063.3 | 10 | |
| | | 8.0 | 92.207.8003.3 | 5 | 92.207.8063.3 | 5 | |



Other cables, other lengths, other codings on request

Cable assemblies, 4 pole, 1.5 mm²

Rated voltage: 250 V / 400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:  
 Cable diameter: 9.2 mm

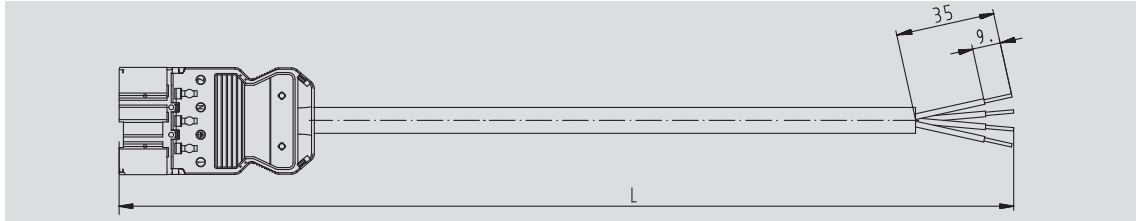
Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05Z1Z1-F: halogen-free
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cables male – free end

Wire ends ultrason. welded



⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK



| | | Cable H05VV-F | | | | Cable H05Z1Z1-F | | | |
|--------------------|-----------------------|---------------|---------------|-------|----------|-----------------|-------|--|--|
| Cable black/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price | | |
| black | Code 1 1, PE, N, 2 | 1.0 | 92.207.1004.1 | 50 | | 92.207.1064.1 | 50 | | |
| | | 2.0 | 92.207.2004.1 | 25 | | 92.207.2064.1 | 25 | | |
| | | 3.0 | 92.207.3004.1 | 20 | | 92.207.3064.1 | 20 | | |
| | | 4.0 | 92.207.4004.1 | 15 | | 92.207.4064.1 | 15 | | |
| | | 5.0 | 92.207.5004.1 | 10 | | 92.207.5064.1 | 10 | | |
| | | 6.0 | 92.207.6004.1 | 10 | | 92.207.6064.1 | 10 | | |
| | | 7.0 | 92.207.7004.1 | 5 | | 92.207.7064.1 | 5 | | |
| | | 8.0 | 92.207.8004.1 | 5 | | 92.207.8064.1 | 5 | | |

| | | Cable H05VV-F | | | | Cable H05Z1Z1-F | | | |
|--------------------|-----------------------|---------------|---------------|-------|----------|-----------------|-------|--|--|
| Cable white/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price | | |
| white | Code 1 1, PE, N, 2 | 1.0 | 92.207.1004.2 | 50 | | 92.207.1064.2 | 50 | | |
| | | 2.0 | 92.207.2004.2 | 25 | | 92.207.2064.2 | 25 | | |
| | | 3.0 | 92.207.3004.2 | 20 | | 92.207.3064.2 | 20 | | |
| | | 4.0 | 92.207.4004.2 | 15 | | 92.207.4064.2 | 15 | | |
| | | 5.0 | 92.207.5004.2 | 10 | | 92.207.5064.2 | 10 | | |
| | | 6.0 | 92.207.6004.2 | 10 | | 92.207.6064.2 | 10 | | |
| | | 7.0 | 92.207.7004.2 | 5 | | 92.207.7064.2 | 10 | | |
| | | 8.0 | 92.207.8004.2 | 5 | | 92.207.8064.2 | 5 | | |


| | | Cable H05VV-F | | | | Cable H05Z1Z1-F | | | |
|--------------------|-----------------------|---------------|---------------|-------|----------|-----------------|-------|--|--|
| Cable black/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price | | |
| pebble gray | Code 2 1, PE, N, 2 | 1.0 | 92.207.1004.3 | 50 | | 92.207.1064.3 | 50 | | |
| | | 2.0 | 92.207.2004.3 | 25 | | 92.207.2064.3 | 25 | | |
| | | 3.0 | 92.207.3004.3 | 20 | | 92.207.3064.3 | 20 | | |
| | | 4.0 | 92.207.4004.3 | 15 | | 92.207.4064.3 | 15 | | |
| | | 5.0 | 92.207.5004.3 | 10 | | 92.207.5064.3 | 10 | | |
| | | 6.0 | 92.207.6004.3 | 10 | | 92.207.6064.3 | 10 | | |
| | | 7.0 | 92.207.7004.3 | 5 | | 92.207.7064.3 | 10 | | |
| | | 8.0 | 92.207.8004.3 | 5 | | 92.207.8064.3 | 5 | | |



Other cables, other lengths, other codings on request

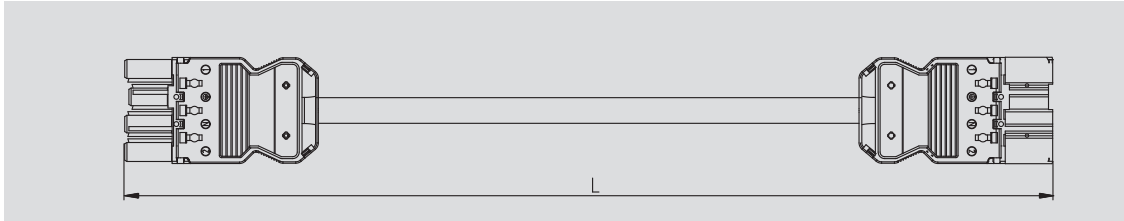


Cable assemblies, 4 pole, 2.5 mm²

Rated voltage: 250 V / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 10.8 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05Z1Z1-F: halogen-free
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male



⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK

| Cable black/coding | | Cable H05VV-F | | | Cable H05Z1Z1-F | | |
|--------------------|-----------------------|---------------|---------------|-------|-----------------|-------|-------|
| Cable black/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| black | Code 1 1, PE, N, 2 | 1.0 | 92.208.1000.1 | 40 | 92.208.1060.1 | 40 | |
| | | 2.0 | 92.208.2000.1 | 20 | 92.208.2060.1 | 20 | |
| | | 3.0 | 92.208.3000.1 | 15 | 92.208.3060.1 | 15 | |
| | | 4.0 | 92.208.4000.1 | 10 | 92.208.4060.1 | 10 | |
| | | 5.0 | 92.208.5000.1 | 10 | 92.208.5060.1 | 10 | |
| | | 6.0 | 92.208.6000.1 | 8 | 92.208.6060.1 | 8 | |
| | | 7.0 | 92.208.7000.1 | 5 | 92.208.7060.1 | 5 | |
| | | 8.0 | 92.208.8000.1 | 5 | 92.208.8060.1 | 5 | |


| Cable white/coding | | Cable H05VV-F | | | Cable H05Z1Z1-F | | |
|--------------------|-----------------------|---------------|---------------|-------|-----------------|-------|-------|
| Cable white/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| white | Code 1 1, PE, N, 2 | 1.0 | 92.208.1000.2 | 40 | 92.208.1060.2 | 50 | |
| | | 2.0 | 92.208.2000.2 | 20 | 92.208.2060.2 | 20 | |
| | | 3.0 | 92.208.3000.2 | 15 | 92.208.3060.2 | 15 | |
| | | 4.0 | 92.208.4000.2 | 10 | 92.208.4060.2 | 15 | |
| | | 5.0 | 92.208.5000.2 | 10 | 92.208.5060.2 | 15 | |
| | | 6.0 | 92.208.6000.2 | 8 | 92.208.6060.2 | 10 | |
| | | 7.0 | 92.208.7000.2 | 5 | 92.208.7060.2 | 5 | |
| | | 8.0 | 92.208.8000.2 | 5 | 92.208.8060.2 | 5 | |

| Cable black/coding | | Cable H05VV-F | | | Cable H05Z1Z1-F | | |
|--------------------|-----------------------|---------------|---------------|-------|-----------------|-------|-------|
| Cable black/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| pebble gray | Code 2 1, PE, N, 2 | 1.0 | 92.208.1000.3 | 40 | 92.208.1060.3 | 40 | |
| | | 2.0 | 92.208.2000.3 | 20 | 92.208.2060.3 | 20 | |
| | | 3.0 | 92.208.3000.3 | 15 | 92.208.3060.3 | 15 | |
| | | 4.0 | 92.208.4000.3 | 10 | 92.208.4060.3 | 10 | |
| | | 5.0 | 92.208.5000.3 | 10 | 92.208.5060.3 | 10 | |
| | | 6.0 | 92.208.6000.3 | 8 | 92.208.6060.3 | 8 | |
| | | 7.0 | 92.208.7000.3 | 5 | 92.208.7060.3 | 5 | |
| | | 8.0 | 92.208.8000.3 | 5 | 92.208.8060.3 | 5 | |



Other cables, other lengths, other codings on request

Cable assemblies, 4 pole, 2.5 mm²

Rated voltage: 250 V / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 10.8 mm

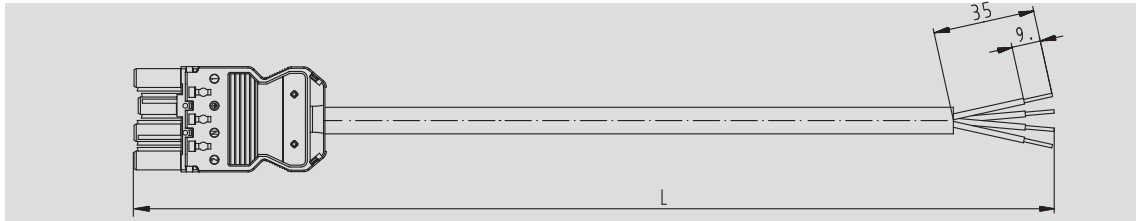
Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05Z1Z1-F: halogen-free
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cables female – free end

Wire ends ultrason. welded



⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK



| Cable black/coding | | Length m | Cable H05VV-F | | | Cable H05Z1Z1-F | | |
|--------------------|-----------------------|----------|---------------|-------|-------|-----------------|-------|-------|
| | | | Part No. | P. U. | Price | Part No. | P. U. | Price |
| black | Code 1 2, N, PE, 1 | 1.0 | 92.208.1003.1 | 50 | | 92.208.1063.1 | 50 | |
| | | 2.0 | 92.208.2003.1 | 25 | | 92.208.2063.1 | 25 | |
| | | 3.0 | 92.208.3003.1 | 20 | | 92.208.3063.1 | 20 | |
| | | 4.0 | 92.208.4003.1 | 15 | | 92.208.4063.1 | 15 | |
| | | 5.0 | 92.208.5003.1 | 10 | | 92.208.5063.1 | 10 | |
| | | 6.0 | 92.208.6003.1 | 10 | | 92.208.6063.1 | 10 | |
| | | 7.0 | 92.208.7003.1 | 5 | | 92.208.7063.1 | 5 | |
| | | 8.0 | 92.208.8003.1 | 5 | | 92.208.8063.1 | 5 | |

| Cable white/coding | | Length m | Cable H05VV-F | | | Cable H05Z1Z1-F | | |
|--------------------|-----------------------|----------|---------------|-------|-------|-----------------|-------|-------|
| | | | Part No. | P. U. | Price | Part No. | P. U. | Price |
| white | Code 1 2, N, PE, 1 | 1.0 | 92.208.1003.2 | 50 | | 92.208.1063.2 | 50 | |
| | | 2.0 | 92.208.2003.2 | 25 | | 92.208.2063.2 | 25 | |
| | | 3.0 | 92.208.3003.2 | 20 | | 92.208.3063.2 | 20 | |
| | | 4.0 | 92.208.4003.2 | 15 | | 92.208.4063.2 | 15 | |
| | | 5.0 | 92.208.5003.2 | 10 | | 92.208.5063.2 | 10 | |
| | | 6.0 | 92.208.6003.2 | 10 | | 92.208.6063.2 | 10 | |
| | | 7.0 | 92.208.7003.2 | 5 | | 92.208.7063.2 | 10 | |
| | | 8.0 | 92.208.8003.2 | 5 | | 92.208.8063.2 | 5 | |


| Cable black/coding | | Length m | Cable H05VV-F | | | Cable H05Z1Z1-F | | |
|--------------------|-----------------------|----------|---------------|-------|-------|-----------------|-------|-------|
| | | | Part No. | P. U. | Price | Part No. | P. U. | Price |
| pebble gray | Code 2 2, N, PE, 1 | 1.0 | 92.208.1003.3 | 50 | | 92.208.1063.3 | 50 | |
| | | 2.0 | 92.208.2003.3 | 25 | | 92.208.2063.3 | 25 | |
| | | 3.0 | 92.208.3003.3 | 20 | | 92.208.3063.3 | 20 | |
| | | 4.0 | 92.208.4003.3 | 15 | | 92.208.4063.3 | 15 | |
| | | 5.0 | 92.208.5003.3 | 10 | | 92.208.5063.3 | 10 | |
| | | 6.0 | 92.208.6003.3 | 10 | | 92.208.6063.3 | 10 | |
| | | 7.0 | 92.208.7003.3 | 10 | | 92.208.7063.3 | 10 | |
| | | 8.0 | 92.208.8003.3 | 5 | | 92.208.8063.3 | 5 | |



Other cables, other lengths, other codings on request



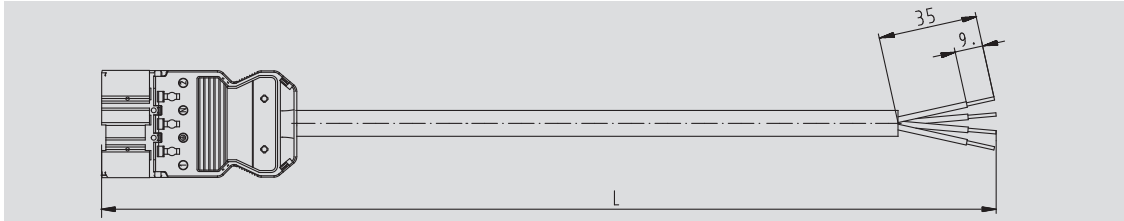
Cable assemblies, 4 pole, 2.5 mm²

Rated voltage: 250 V / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 10.8 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05Z1Z1-F: halogen-free
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cables male – free end

Wire ends ultrason. welded



⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK

| Cable black/coding | | Cable H05VV-F | | | Cable H05Z1Z1-F | | |
|--------------------|-----------------------|---------------|---------------|-------|-----------------|-------|-------|
| | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| black | Code 1 1, PE, N, 2 | 1.0 | 92.208.1004.1 | 50 | 92.208.1064.1 | 50 | |
| | | 2.0 | 92.208.2004.1 | 25 | 92.208.2064.1 | 25 | |
| | | 3.0 | 92.208.3004.1 | 20 | 92.208.3064.1 | 20 | |
| | | 4.0 | 92.208.4004.1 | 15 | 92.208.4064.1 | 15 | |
| | | 5.0 | 92.208.5004.1 | 10 | 92.208.5064.1 | 10 | |
| | | 6.0 | 92.208.6004.1 | 10 | 92.208.6064.1 | 10 | |
| | | 7.0 | 92.208.7004.1 | 5 | 92.208.7064.1 | 5 | |
| | | 8.0 | 92.208.8004.1 | 5 | 92.208.8064.1 | 5 | |



| Cable white/coding | | Cable H05VV-F | | | Cable H05Z1Z1-F | | |
|--------------------|-----------------------|---------------|---------------|-------|-----------------|-------|-------|
| | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| white | Code 1 1, PE, N, 2 | 1.0 | 92.208.1004.2 | 50 | 92.208.1064.2 | 50 | |
| | | 2.0 | 92.208.2004.2 | 25 | 92.208.2064.2 | 25 | |
| | | 3.0 | 92.208.3004.2 | 20 | 92.208.3064.2 | 20 | |
| | | 4.0 | 92.208.4004.2 | 15 | 92.208.4064.2 | 15 | |
| | | 5.0 | 92.208.5004.2 | 10 | 92.208.5064.2 | 10 | |
| | | 6.0 | 92.208.6004.2 | 10 | 92.208.6064.2 | 10 | |
| | | 7.0 | 92.208.7004.2 | 5 | 92.208.7064.2 | 10 | |
| | | 8.0 | 92.208.8004.2 | 5 | 92.208.8064.2 | 5 | |

| Cable black/coding | | Cable H05VV-F | | | Cable H05Z1Z1-F | | |
|--------------------|-----------------------|---------------|---------------|-------|-----------------|-------|-------|
| | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| pebble gray | Code 2 1, PE, N, 2 | 1.0 | 92.208.1004.3 | 50 | 92.208.1064.3 | 50 | |
| | | 2.0 | 92.208.2004.3 | 25 | 92.208.2064.3 | 25 | |
| | | 3.0 | 92.208.3004.3 | 20 | 92.208.3064.3 | 20 | |
| | | 4.0 | 92.208.4004.3 | 15 | 92.208.4064.3 | 15 | |
| | | 5.0 | 92.208.5004.3 | 10 | 92.208.5064.3 | 10 | |
| | | 6.0 | 92.208.6004.3 | 10 | 92.208.6064.3 | 10 | |
| | | 7.0 | 92.208.7004.3 | 5 | 92.208.7064.3 | 10 | |
| | | 8.0 | 92.208.8004.3 | 5 | 92.208.8064.3 | 5 | |



Other cables, other lengths, other codings on request

Cable assemblies, 5 pole, 1.5 mm²

Rated voltage: 250 V / 400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:  
 Cable diameter: 10.1 mm

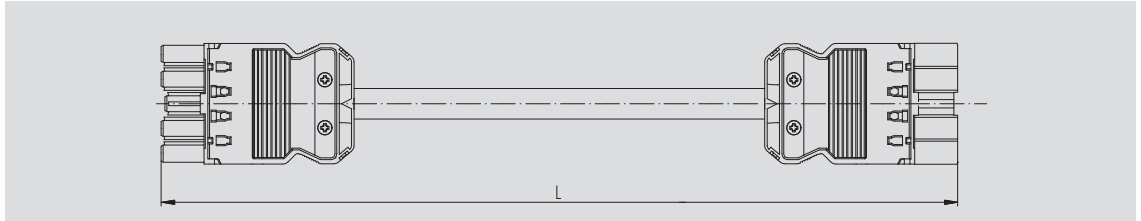
Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05Z1Z1-F: halogen-free
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male



Power 250/400 V:
 ⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY

Power 250 V + dimming:
 ⊕ = GN/YE
 N = BU
 L = BN
 D2 = BK
 D1 = GY




| Cable H05VV-F | | | | | Cable H05Z1Z1-F | | |
|--------------------|--------------------------|----------|---------------|-------|-----------------|---------------|-------|
| Cable black/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| black | Code 1 1, 2, PE, N, 3 | 1.0 | 92.257.1000.1 | 30 | | 92.257.1060.1 | 30 |
| | | 2.0 | 92.257.2000.1 | 20 | | 92.257.2060.1 | 20 |
| | | 3.0 | 92.257.3000.1 | 15 | | 92.257.3060.1 | 15 |
| | | 4.0 | 92.257.4000.1 | 10 | | 92.257.4060.1 | 10 |
| | | 5.0 | 92.257.5000.1 | 10 | | 92.257.5060.1 | 10 |
| | | 6.0 | 92.257.6000.1 | 8 | | 92.257.6060.1 | 8 |
| | | 7.0 | 92.257.7000.1 | 5 | | 92.257.7060.1 | 5 |
| | | 8.0 | 92.257.8000.1 | 5 | | 92.257.8060.1 | 5 |

| Cable H05VV-F | | | | | Cable H05Z1Z1-F | | |
|--------------------|--------------------------|----------|---------------|-------|-----------------|---------------|-------|
| Cable white/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| white | Code 1 1, 2, PE, N, 3 | 1.0 | 92.257.1000.2 | 30 | | 92.257.1060.2 | 30 |
| | | 2.0 | 92.257.2000.2 | 20 | | 92.257.2060.2 | 20 |
| | | 3.0 | 92.257.3000.2 | 15 | | 92.257.3060.2 | 15 |
| | | 4.0 | 92.257.4000.2 | 10 | | 92.257.4060.2 | 10 |
| | | 5.0 | 92.257.5000.2 | 10 | | 92.257.5060.2 | 10 |
| | | 6.0 | 92.257.6000.2 | 8 | | 92.257.6060.2 | 8 |
| | | 7.0 | 92.257.7000.2 | 5 | | 92.257.7060.2 | 5 |
| | | 8.0 | 92.257.8000.2 | 5 | | 92.257.8060.2 | 5 |

| Cable H05VV-F | | | | | Cable H05Z1Z1-F | | |
|--------------------|----------------------------|----------|---------------|-------|-----------------|---------------|-------|
| Cable black/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| pastel blue | Code 2 D1, D2, PE, N, L | 1.0 | 92.257.1000.9 | 30 | | 92.257.1060.9 | 30 |
| | | 2.0 | 92.257.2000.9 | 20 | | 92.257.2060.9 | 20 |
| | | 3.0 | 92.257.3000.9 | 15 | | 92.257.3060.9 | 15 |
| | | 4.0 | 92.257.4000.9 | 10 | | 92.257.4060.9 | 10 |
| | | 5.0 | 92.257.5000.9 | 10 | | 92.257.5060.9 | 10 |
| | | 6.0 | 92.257.6000.9 | 8 | | 92.257.6060.9 | 8 |
| | | 7.0 | 92.257.7000.9 | 5 | | 92.257.7060.9 | 5 |
| | | 8.0 | 92.257.8000.9 | 5 | | 92.257.8060.9 | 5 |

Other cables, other lengths, other codings on request

Cable assemblies, 5 pole, 1.5 mm²

Rated voltage: 250 V / 400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 10.1 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05Z1Z1-F: halogen-free
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

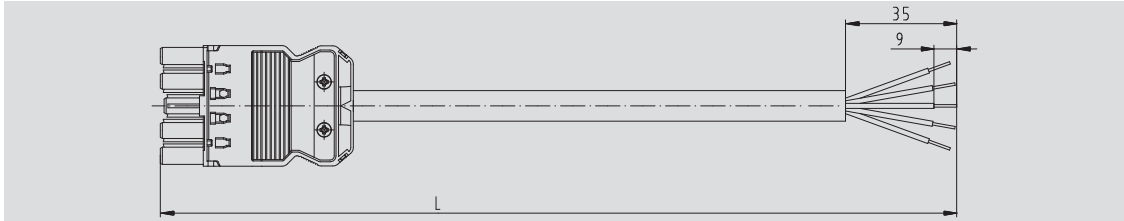
Connection cables female – free end

Wire ends ultrason. welded



Power 250/400 V:
 ⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY

Power 250 V + dimming:
 ⊕ = GN/YE
 N = BU
 L = BN
 D2 = BK
 D1 = GY



| Cable black/coding | | Length m | Cable H05VV-F | | | Cable H05Z1Z1-F | | |
|--------------------|--------------------------|----------|---------------|-------|-------|-----------------|-------|-------|
| | | | Part No. | P. U. | Price | Part No. | P. U. | Price |
| black | Code 1 3, N, PE, 2, 1 | 1.0 | 92.257.1003.1 | 30 | | 92.257.1063.1 | 30 | |
| | | 2.0 | 92.257.2003.1 | 20 | | 92.257.2063.1 | 20 | |
| | | 3.0 | 92.257.3003.1 | 15 | | 92.257.3063.1 | 15 | |
| | | 4.0 | 92.257.4003.1 | 10 | | 92.257.4063.1 | 10 | |
| | | 5.0 | 92.257.5003.1 | 10 | | 92.257.5063.1 | 10 | |
| | | 6.0 | 92.257.6003.1 | 8 | | 92.257.6063.1 | 8 | |
| | | 7.0 | 92.257.7003.1 | 5 | | 92.257.7063.1 | 5 | |
| | | 8.0 | 92.257.8003.1 | 5 | | 92.257.8063.1 | 5 | |

| Cable white/coding | | Length m | Cable H05VV-F | | | Cable H05Z1Z1-F | | |
|--------------------|--------------------------|----------|---------------|-------|-------|-----------------|-------|-------|
| | | | Part No. | P. U. | Price | Part No. | P. U. | Price |
| white | Code 1 3, N, PE, 2, 1 | 1.0 | 92.257.1003.2 | 30 | | 92.257.1063.2 | 30 | |
| | | 2.0 | 92.257.2003.2 | 20 | | 92.257.2063.2 | 20 | |
| | | 3.0 | 92.257.3003.2 | 15 | | 92.257.3063.2 | 15 | |
| | | 4.0 | 92.257.4003.2 | 10 | | 92.257.4063.2 | 10 | |
| | | 5.0 | 92.257.5003.2 | 8 | | 92.257.5063.2 | 10 | |
| | | 6.0 | 92.257.6003.2 | 8 | | 92.257.6063.2 | 8 | |
| | | 7.0 | 92.257.7003.2 | 5 | | 92.257.7063.2 | 5 | |
| | | 8.0 | 92.257.8003.2 | 5 | | 92.257.8063.2 | 5 | |

| Cable black/coding | | Length m | Cable H05VV-F | | | Cable H05Z1Z1-F | | |
|--------------------|----------------------------|----------|---------------|-------|-------|-----------------|-------|-------|
| | | | Part No. | P. U. | Price | Part No. | P. U. | Price |
| pastel blue | Code 2 L, N, PE, D2, D1 | 1.0 | 92.257.1003.9 | 30 | | 92.257.1063.9 | 30 | |
| | | 2.0 | 92.257.2003.9 | 20 | | 92.257.2063.9 | 20 | |
| | | 3.0 | 92.257.3003.9 | 15 | | 92.257.3063.9 | 15 | |
| | | 4.0 | 92.257.4003.9 | 10 | | 92.257.4063.9 | 10 | |
| | | 5.0 | 92.257.5003.9 | 10 | | 92.257.5063.9 | 10 | |
| | | 6.0 | 92.257.6003.9 | 8 | | 92.257.6063.9 | 8 | |
| | | 7.0 | 92.257.7003.9 | 5 | | 92.257.7063.9 | 5 | |
| | | 8.0 | 92.257.8003.9 | 5 | | 92.257.8063.9 | 5 | |





GST18i5



Other cables, other lengths, other codings on request

Cable assemblies, 5 pole, 1.5 mm²

Rated voltage: 250 V / 400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:  
 Cable diameter: 10.1 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05Z1Z1-F: halogen-free
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

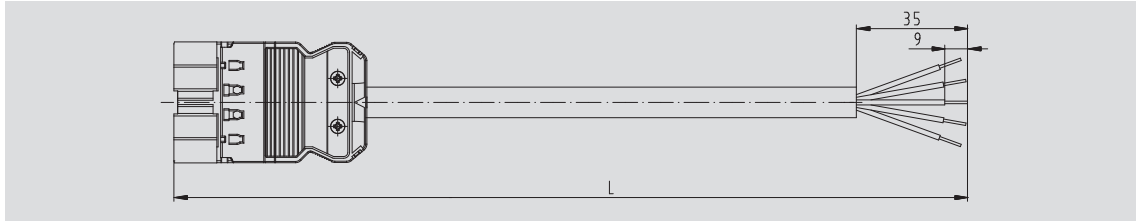
Connection cables male – free end

Wire ends ultrason. welded



Power 250/400 V:
 ⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY

Power 250 V + dimming:
 ⊕ = GN/YE
 N = BU
 L = BN
 D2 = BK
 D1 = GY




| Cable H05VV-F | | | | | Cable H05Z1Z1-F | | |
|--------------------|----------|---------------|-------|-------|-----------------|-------|-------|
| Cable black/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| black | 1.0 | 92.257.1004.1 | 30 | | 92.257.1064.1 | 30 | |
| | 2.0 | 92.257.2004.1 | 20 | | 92.257.2064.1 | 20 | |
| | 3.0 | 92.257.3004.1 | 15 | | 92.257.3064.1 | 15 | |
| | 4.0 | 92.257.4004.1 | 10 | | 92.257.4064.1 | 10 | |
| | 5.0 | 92.257.5004.1 | 10 | | 92.257.5064.1 | 10 | |
| | 6.0 | 92.257.6004.1 | 8 | | 92.257.6064.1 | 8 | |
| | 7.0 | 92.257.7004.1 | 5 | | 92.257.7064.1 | 5 | |
| | 8.0 | 92.257.8004.1 | 5 | | 92.257.8064.1 | 5 | |

| Cable H05VV-F | | | | | Cable H05Z1Z1-F | | |
|--------------------|----------|---------------|-------|-------|-----------------|-------|-------|
| Cable white/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| white | 1.0 | 92.257.1004.2 | 30 | | 92.257.1064.2 | 30 | |
| | 2.0 | 92.257.2004.2 | 20 | | 92.257.2064.2 | 20 | |
| | 3.0 | 92.257.3004.2 | 15 | | 92.257.3064.2 | 15 | |
| | 4.0 | 92.257.4004.2 | 10 | | 92.257.4064.2 | 10 | |
| | 5.0 | 92.257.5004.2 | 10 | | 92.257.5064.2 | 10 | |
| | 6.0 | 92.257.6004.2 | 8 | | 92.257.6064.2 | 8 | |
| | 7.0 | 92.257.7004.2 | 5 | | 92.257.7064.2 | 5 | |
| | 8.0 | 92.257.8004.2 | 5 | | 92.257.8064.2 | 5 | |

| Cable H05VV-F | | | | | Cable H05Z1Z1-F | | |
|--------------------|----------|---------------|-------|-------|-----------------|-------|-------|
| Cable black/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| pastel blue | 1.0 | 92.257.1004.9 | 30 | | 92.257.1064.9 | 30 | |
| | 2.0 | 92.257.2004.9 | 20 | | 92.257.2064.9 | 20 | |
| | 3.0 | 92.257.3004.9 | 15 | | 92.257.3064.9 | 15 | |
| | 4.0 | 92.257.4004.9 | 10 | | 92.257.4064.9 | 10 | |
| | 5.0 | 92.257.5004.9 | 10 | | 92.257.5064.9 | 10 | |
| | 6.0 | 92.257.6004.9 | 8 | | 92.257.6064.9 | 8 | |
| | 7.0 | 92.257.7004.9 | 5 | | 92.257.7064.9 | 5 | |
| | 8.0 | 92.257.8004.9 | 5 | | 92.257.8064.9 | 5 | |

Other cables, other lengths, other codings on request

Cable assemblies, 5 pole, 2.5 mm²

Rated voltage: 250 V / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 12.1 mm

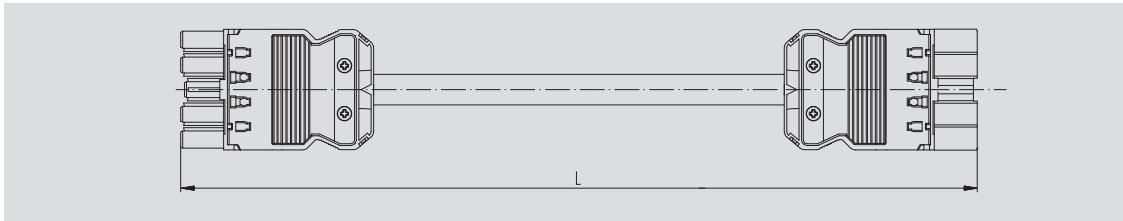
Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05Z1Z1-F: halogen-free
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male



Power 250/400 V:
 ⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY

Power 250 V + dimming:
 ⊕ = GN/YE
 N = BU
 L = BN
 D2 = BK
 D1 = GY



| Cable black/coding | | Length m | Cable H05VV-F | | | Cable H05Z1Z1-F | | |
|--------------------|--------------------------|----------|---------------|-------|-------|-----------------|-------|-------|
| | | | Part No. | P. U. | Price | Part No. | P. U. | Price |
| black | Code 1 1, 2, PE, N, 3 | 1.0 | 92.258.1000.1 | 30 | | 92.258.1060.1 | 30 | |
| | | 2.0 | 92.258.2000.1 | 20 | | 92.258.2060.1 | 15 | |
| | | 3.0 | 92.258.3000.1 | 10 | | 92.258.3060.1 | 10 | |
| | | 4.0 | 92.258.4000.1 | 10 | | 92.258.4060.1 | 10 | |
| | | 5.0 | 92.258.5000.1 | 8 | | 92.258.5060.1 | 8 | |
| | | 6.0 | 92.258.6000.1 | 5 | | 92.258.6060.1 | 5 | |
| | | 7.0 | 92.258.7000.1 | 5 | | 92.258.7060.1 | 5 | |
| | | 8.0 | 92.258.8000.1 | 4 | | 92.258.8060.1 | 4 | |

| Cable white/coding | | Length m | Cable H05VV-F | | | Cable H05Z1Z1-F | | |
|--------------------|--------------------------|----------|---------------|-------|-------|-----------------|-------|-------|
| | | | Part No. | P. U. | Price | Part No. | P. U. | Price |
| white | Code 1 1, 2, PE, N, 3 | 1.0 | 92.258.1000.2 | 30 | | 92.258.1060.2 | 30 | |
| | | 2.0 | 92.258.2000.2 | 20 | | 92.258.2060.2 | 15 | |
| | | 3.0 | 92.258.3000.2 | 10 | | 92.258.3060.2 | 10 | |
| | | 4.0 | 92.258.4000.2 | 10 | | 92.258.4060.2 | 10 | |
| | | 5.0 | 92.258.5000.2 | 8 | | 92.258.5060.2 | 8 | |
| | | 6.0 | 92.258.6000.2 | 5 | | 92.258.6060.2 | 5 | |
| | | 7.0 | 92.258.7000.2 | 5 | | 92.258.7060.2 | 5 | |
| | | 8.0 | 92.258.8000.2 | 4 | | 92.258.8060.2 | 4 | |

| Cable black/coding | | Length m | Cable H05VV-F | | | Cable H05Z1Z1-F | | |
|--------------------|----------------------------|----------|---------------|-------|-------|-----------------|-------|-------|
| | | | Part No. | P. U. | Price | Part No. | P. U. | Price |
| pastel blue | Code 2 D1, D2, PE, N, L | 1.0 | 92.258.1000.9 | 30 | | 92.258.1060.9 | 30 | |
| | | 2.0 | 92.258.2000.9 | 20 | | 92.258.2060.9 | 15 | |
| | | 3.0 | 92.258.3000.9 | 10 | | 92.258.3060.9 | 10 | |
| | | 4.0 | 92.258.4000.9 | 10 | | 92.258.4060.9 | 10 | |
| | | 5.0 | 92.258.5000.9 | 8 | | 92.258.5060.9 | 8 | |
| | | 6.0 | 92.258.6000.9 | 5 | | 92.258.6060.9 | 5 | |
| | | 7.0 | 92.258.7000.9 | 5 | | 92.258.7060.9 | 5 | |
| | | 8.0 | 92.258.8000.9 | 4 | | 92.258.8060.9 | 4 | |





GST18i5



Other cables, other lengths, other codings on request

Cable assemblies, 5 pole, 2.5 mm²

Rated voltage: 250 V / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:  
 Cable diameter: 12.1 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05Z1Z1-F: halogen-free
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

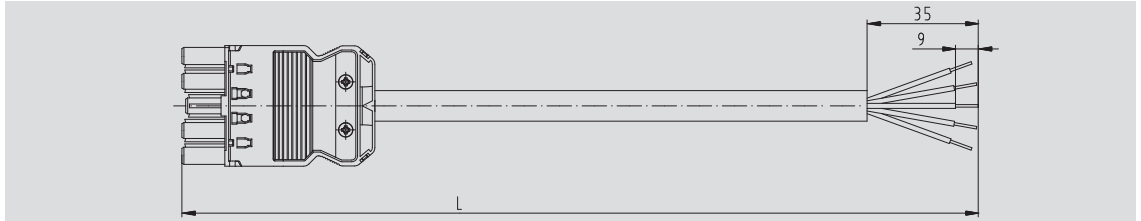
Connection cables female – free end

Wire ends ultrason. welded



Power 250/400 V:
 ⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY

Power 250 V + dimming:
 ⊕ = GN/YE
 N = BU
 L = BN
 D2 = BK
 D1 = GY




| Cable H05VV-F | | | | | Cable H05Z1Z1-F | | | |
|--------------------|----------|---------------|-------|-------|-----------------|-------|-------|--|
| Cable black/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price | |
| black | 1.0 | 92.258.1003.1 | 30 | | 92.258.1063.1 | 30 | | |
| | 2.0 | 92.258.2003.1 | 20 | | 92.258.2063.1 | 15 | | |
| | 3.0 | 92.258.3003.1 | 15 | | 92.258.3063.1 | 15 | | |
| | 4.0 | 92.258.4003.1 | 10 | | 92.258.4063.1 | 10 | | |
| | 5.0 | 92.258.5003.1 | 8 | | 92.258.5063.1 | 8 | | |
| | 6.0 | 92.258.6003.1 | 5 | | 92.258.6063.1 | 5 | | |
| | 7.0 | 92.258.7003.1 | 5 | | 92.258.7063.1 | 5 | | |
| | 8.0 | 92.258.8003.1 | 5 | | 92.258.8063.1 | 5 | | |

| Cable H05VV-F | | | | | Cable H05Z1Z1-F | | | |
|--------------------|----------|---------------|-------|-------|-----------------|-------|-------|--|
| Cable white/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price | |
| white | 1.0 | 92.258.1003.2 | 30 | | 92.258.1063.2 | 30 | | |
| | 2.0 | 92.258.2003.2 | 20 | | 92.258.2063.2 | 20 | | |
| | 3.0 | 92.258.3003.2 | 15 | | 92.258.3063.2 | 15 | | |
| | 4.0 | 92.258.4003.2 | 10 | | 92.258.4063.2 | 10 | | |
| | 5.0 | 92.258.5003.2 | 8 | | 92.258.5063.2 | 8 | | |
| | 6.0 | 92.258.6003.2 | 5 | | 92.258.6063.2 | 5 | | |
| | 7.0 | 92.258.7003.2 | 5 | | 92.258.7063.2 | 5 | | |
| | 8.0 | 92.258.8003.2 | 5 | | 92.258.8063.2 | 5 | | |

| Cable H05VV-F | | | | | Cable H05Z1Z1-F | | | |
|--------------------|----------|---------------|-------|-------|-----------------|-------|-------|--|
| Cable black/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price | |
| pastel blue | 1.0 | 92.258.1003.9 | 30 | | 92.258.1063.9 | 30 | | |
| | 2.0 | 92.258.2003.9 | 20 | | 92.258.2063.9 | 15 | | |
| | 3.0 | 92.258.3003.9 | 10 | | 92.258.3063.9 | 10 | | |
| | 4.0 | 92.258.4003.9 | 10 | | 92.258.4063.9 | 8 | | |
| | 5.0 | 92.258.5003.9 | 8 | | 92.258.5063.9 | 5 | | |
| | 6.0 | 92.258.6003.9 | 5 | | 92.258.6063.9 | 5 | | |
| | 7.0 | 92.258.7003.9 | 5 | | 92.258.7063.9 | 5 | | |
| | 8.0 | 92.258.8003.9 | 5 | | 92.258.8063.9 | 4 | | |

Other cables, other lengths, other codings on request

Cable assemblies, 5 pole, 2.5 mm²

Rated voltage: 250 V / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 12.1 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05Z1Z1-F: halogen-free
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

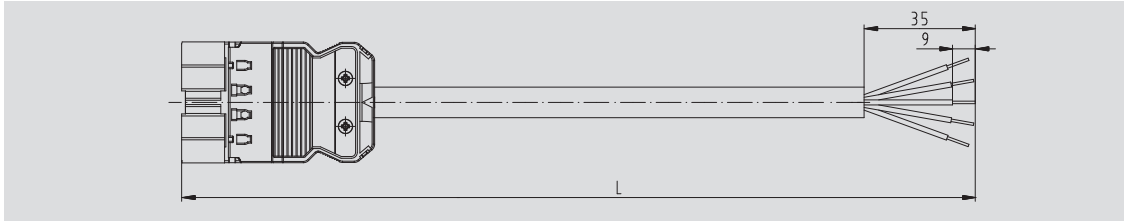
Connection cables male – free end

Wire ends ultrason. welded



Power 250/400 V:
 ⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY

Power 250 V + dimming:
 ⊕ = GN/YE
 N = BU
 L = BN
 D2 = BK
 D1 = GY



| Cable H05VV-F | | Cable H05Z1Z1-F | | | | | |
|--------------------|--------------------------|-----------------|---------------|-------|---------------|-------|-------|
| Cable black/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| black | Code 1 1, 2, PE, N, 3 | 1.0 | 92.258.1004.1 | 30 | 92.258.1064.1 | 30 | |
| | | 2.0 | 92.258.2004.1 | 20 | 92.258.2064.1 | 15 | |
| | | 3.0 | 92.258.3004.1 | 15 | 92.258.3064.1 | 15 | |
| | | 4.0 | 92.258.4004.1 | 10 | 92.258.4064.1 | 10 | |
| | | 5.0 | 92.258.5004.1 | 8 | 92.258.5064.1 | 8 | |
| | | 6.0 | 92.258.6004.1 | 5 | 92.258.6064.1 | 5 | |
| | | 7.0 | 92.258.7004.1 | 5 | 92.258.7064.1 | 5 | |
| | | 8.0 | 92.258.8004.1 | 5 | 92.258.8064.1 | 5 | |

| Cable H05VV-F | | Cable H05Z1Z1-F | | | | | |
|--------------------|--------------------------|-----------------|---------------|-------|---------------|-------|-------|
| Cable white/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| white | Code 1 1, 2, PE, N, 3 | 1.0 | 92.258.1004.2 | 30 | 92.258.1064.2 | 30 | |
| | | 2.0 | 92.258.2004.2 | 20 | 92.258.2064.2 | 20 | |
| | | 3.0 | 92.258.3004.2 | 15 | 92.258.3064.2 | 15 | |
| | | 4.0 | 92.258.4004.2 | 10 | 92.258.4064.2 | 10 | |
| | | 5.0 | 92.258.5004.2 | 8 | 92.258.5064.2 | 8 | |
| | | 6.0 | 92.258.6004.2 | 5 | 92.258.6064.2 | 5 | |
| | | 7.0 | 92.258.7004.2 | 5 | 92.258.7064.2 | 5 | |
| | | 8.0 | 92.258.8004.2 | 5 | 92.258.8064.2 | 5 | |

| Cable H05VV-F | | Cable H05Z1Z1-F | | | | | |
|--------------------|----------------------------|-----------------|---------------|-------|---------------|-------|-------|
| Cable black/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| pastel blue | Code 2 D1, D2, PE, N, L | 1.0 | 92.258.1004.9 | 30 | 92.258.1064.9 | 30 | |
| | | 2.0 | 92.258.2004.9 | 20 | 92.258.2064.9 | 15 | |
| | | 3.0 | 92.258.3004.9 | 15 | 92.258.3064.9 | 10 | |
| | | 4.0 | 92.258.4004.9 | 10 | 92.258.4064.9 | 10 | |
| | | 5.0 | 92.258.5004.9 | 8 | 92.258.5064.9 | 8 | |
| | | 6.0 | 92.258.6004.9 | 5 | 92.258.6064.9 | 5 | |
| | | 7.0 | 92.258.7004.9 | 5 | 92.258.7064.9 | 5 | |
| | | 8.0 | 92.258.8004.9 | 5 | 92.258.8064.9 | 4 | |





GST18i5



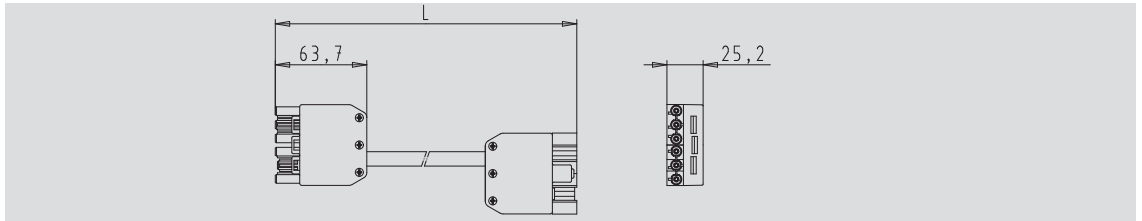
Other cables, other lengths, other codings on request

Cable assemblies, 6 pole, 1.5 mm²

Rated voltage: 250 V / 400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:  
 Cable diameter: 11.2 mm

Cable material, S05HH-F: halogen-free
 Cable material, LSOH as per BS7211: halogen-free
 The use of a locking device is mandatory.

Connecting cables female – male

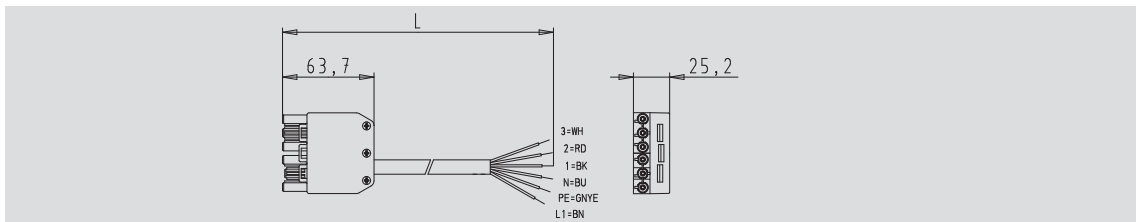
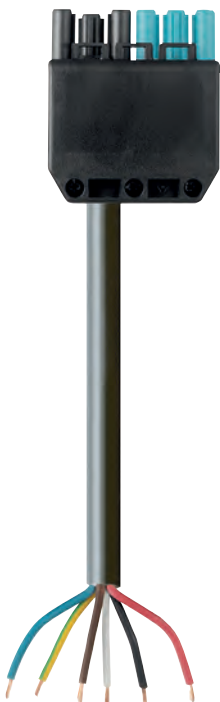


| | | Cable S05HH-F | | | | Cable LSOH as per BS7211 | | |
|-----------------------|----------|---------------|---------------|-------|----------|--------------------------|---------------|--|
| Cable black/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price | |
| black/ pastel blue | Code 1 | 1.0 | 99.411.0028.0 | 30 | | | | |
| | | 2.0 | 99.412.0028.0 | 20 | | G1.066.0202.7 | | |
| | | 3.0 | 99.413.0028.0 | 10 | | G1.066.0302.7 | | |
| | | 4.0 | 99.414.0028.0 | 10 | | G1.066.0402.7 | | |
| | | 5.0 | 99.415.0028.0 | 8 | | G1.066.0502.7 | | |
| | | 6.0 | 99.416.0028.0 | 5 | | G1.066.0602.7 | | |
| | | 7.0 | 99.417.0028.0 | 5 | | G1.066.0702.7 | | |
| | | 8.0 | 99.418.0028.0 | 5 | | | | |
| | | 9.0 | | | | | | |
| | | 10.0 | | | | | G1.066.1002.7 | |



Power 250 V + dimming:
 ⊕ = GN/YE
 N = BU
 L1 = BN
 1 = BK
 2 = RT
 3 = WS

Connection cables female – free end
 Wire ends ultrason. welded



| | | Cable S05HH-F | | | | Cable LSOH as per BS7211 | | |
|-----------------------|----------|---------------|---------------|-------|----------|--------------------------|---------------|--|
| Cable black/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price | |
| black/ pastel blue | Code 1 | 1.0 | 99.431.0028.0 | 30 | | | | |
| | | 2.0 | 99.432.0028.0 | 20 | | G1.366.0202.7 | | |
| | | 3.0 | 99.433.0028.0 | 10 | | G1.366.0302.7 | | |
| | | 4.0 | 99.434.0028.0 | 10 | | G1.366.0402.7 | | |
| | | 5.0 | 99.435.0028.0 | 8 | | G1.366.0502.7 | | |
| | | 6.0 | 99.436.0028.0 | 5 | | G1.366.0602.7 | | |
| | | 7.0 | 99.437.0028.0 | 5 | | G1.366.0702.7 | | |
| | | 8.0 | 99.438.0028.0 | 5 | | | | |
| | | 9.0 | | | | | | |
| | | 10.0 | | | | | G1.366.1002.7 | |





Power 250 V + dimming:
 ⊕ = GN/YE
 N = BU
 L1 = BN
 1 = BK
 2 = RT
 3 = WS

Other cables, other lengths, other codings on request

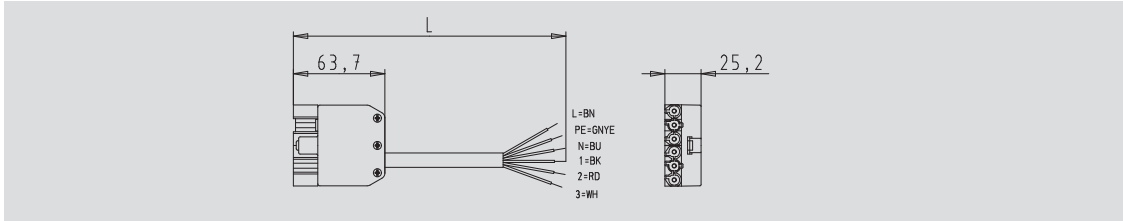


Cable assemblies, 6 pole, 1.5 mm²

Rated voltage: 250 V / 400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:  
 Cable diameter: 11.2 mm

Cable material, S05HH-F: halogen-free
 Cable material, LSOH as per BS7211: halogen-free
 The use of a locking device is mandatory.

Connection cables male – free end
 Wire ends ultrason. welded



| Cable black/coding | Length m | Cable S05HH-F | | | Cable LSOH as per BS7211 | | | |
|-----------------------|----------|---------------|---------------|-------|--------------------------|---------------|-------|--|
| | | Part No. | P. U. | Price | Part No. | P. U. | Price | |
| black/ pastel blue | Code 1 | 1.0 | 99.451.0028.0 | 30 | | | | |
| | | 2.0 | 99.452.0028.0 | 20 | G1.466.0202.7 | | | |
| | | 3.0 | 99.453.0028.0 | 10 | G1.466.0302.7 | | | |
| | | 4.0 | 99.454.0028.0 | 10 | G1.466.0402.7 | | | |
| | | 5.0 | 99.455.0028.0 | 8 | G1.466.0502.7 | | | |
| | | 6.0 | 99.456.0028.0 | 5 | G1.466.0602.7 | | | |
| | | 7.0 | 99.457.0028.0 | 5 | G1.466.0702.7 | | | |
| | | 8.0 | 99.458.0028.0 | 5 | | | | |
| | | 9.0 | | | | | | |
| | | 10.0 | | | | G1.466.1002.7 | | |



Power 250 V + dimming:
 ⊕ = GN/YE
 N = BU
 L1 = BN
 1 = BK
 2 = RT
 3 = WS



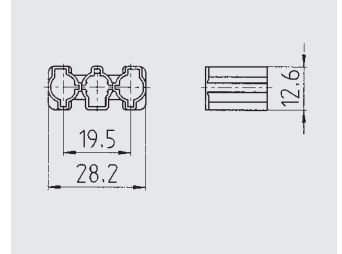
Covers

3 pole for covering open contacts

for female connectors



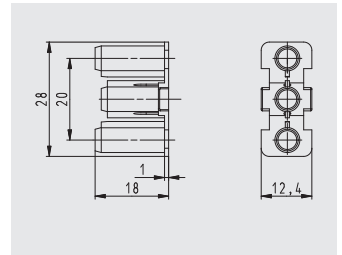
| Color | Coding | Part No. | P. U. | Price |
|-------|--------|---------------|-------|-------|
| white | | 05.561.3653.0 | 100 | |
| black | ■ | 05.561.3653.1 | 100 | |



for male connectors



| Color | Coding | Part No. | P. U. | Price |
|-------|--------|---------------|-------|-------|
| white | | 05.594.4250.0 | 100 | |
| black | ■ | 05.594.4253.0 | 100 | |

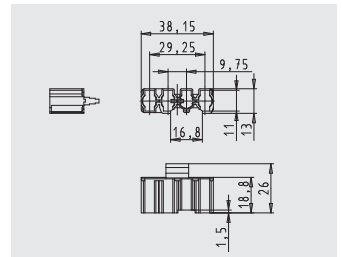


4 pole for covering open contacts

for female connectors



| Color | Coding | Part No. | P. U. | Price |
|-------|--------|---------------|-------|-------|
| black | ■ | 05.566.9153.0 | 100 | |

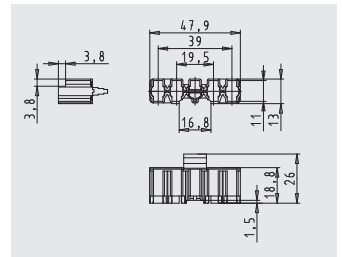


5 pole for covering open contacts

for female connectors



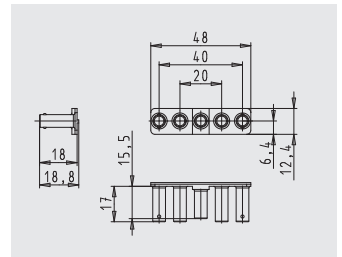
| Color | Coding | Part No. | P. U. | Price |
|-------|--------|---------------|-------|-------|
| black | ■ | 05.566.9253.0 | 100 | |



for male connectors

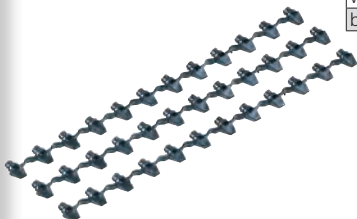


| Color | Coding | Part No. | P. U. | Price |
|-------|--------|---------------|-------|-------|
| black | ■ | 05.583.1853.0 | 100 | |

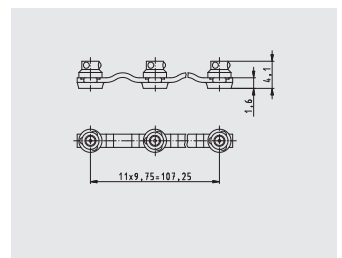


3/4/5/6 pole for covering open contacts, 12 units

for female connectors



| Color | Coding | Part No. | P. U. | Price |
|-------|--------|---------------|-------|-------|
| white | | 05.564.5353.2 | 10 | |
| black | ■ | 05.564.5353.0 | 10 | |

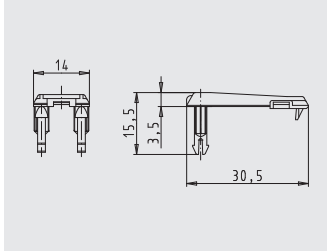


Locking devices, snap-in frame

Rated voltage: 250 V or 250 / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Approvals:

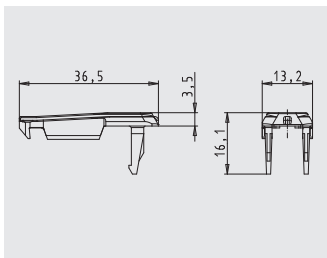
Locking devices for solder parts



| Color | | Part No. | P. U. | Price |
|-------|--|---------------|-------|-------|
| white | | 05.590.4556.0 | 50 | |
| black | | 05.590.4556.1 | 50 | |



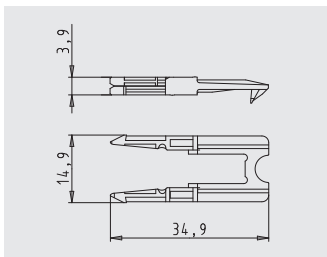
Locking device for flying leads



| Color | | Part No. | P. U. | Price |
|-------|--|---------------|-------|-------|
| white | | 05.587.3156.0 | 50 | |
| black | | 05.587.3156.1 | 50 | |



3/4/5 pole as spare part for distribution units

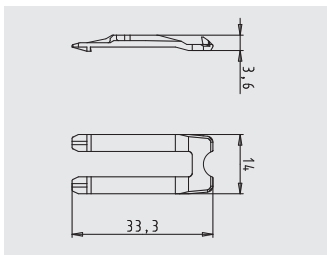


| Color | | Part No. | P. U. | Price |
|-------|--|---------------|-------|-------|
| white | | 05.588.5753.0 | 50 | |
| black | | 05.588.5753.1 | 50 | |

Slide lock
Distribution unit



3/4/5 pole as spare part for snap-in

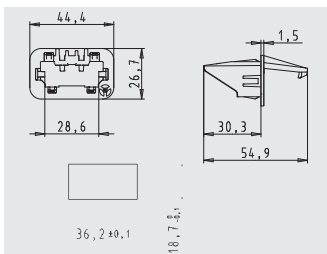


| Color | | Part No. | P. U. | Price |
|-------|--|---------------|-------|-------|
| white | | 05.595.1453.2 | 100 | |
| black | | 05.595.1453.0 | 100 | |

Slide lock
Snap-in



Snap-in frame for GST18i3 connectors and cables



| Color | | Part No. | P. U. | Price |
|-------|--|---------------|-------|-------|
| black | | 06.561.7853.0 | 50 | |



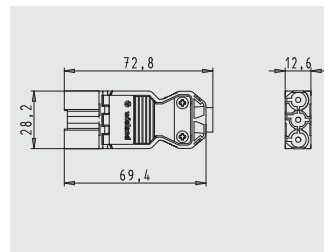
Servicing plugs for *gesis*[®] ELECTRONIC

Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Approvals:

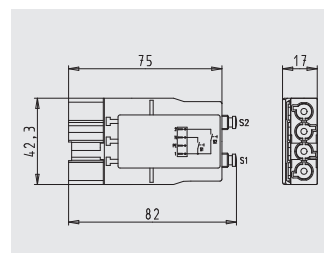
3 pole, testing plug, 1 socket, output 230 V

| Color | Coding | Part No. | P. U. | Price |
|-------|-----------------|---------------|-------|-------|
| white | Code 1 L, PE, N | 92.002.5153.1 | 1 | |



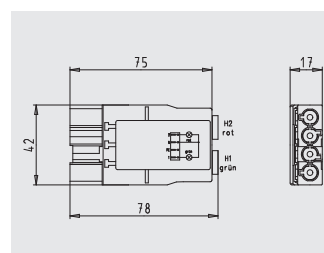
4 pole, testing plug, 2 sockets, input 230 V

| Color | Coding | Part No. | P. U. | Price |
|-------------|--------------------|---------------|-------|-------|
| pebble gray | Code 2 1, PE, N, 2 | 92.002.5053.0 | 1 | |



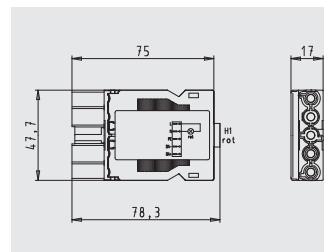
4 pole, testing plug, 2 sockets, output 230 V

| Color | Coding | Part No. | P. U. | Price |
|-------|--------------------|---------------|-------|-------|
| black | Code 1 1, PE, N, 2 | 92.002.5253.1 | 1 | |



5 pole, testing plug, 1 socket, S/D output 230 V

| Color | Coding | Part No. | P. U. | Price |
|-------------|-------------------------|---------------|-------|-------|
| pastel blue | Code 2 D1, D2, PE, N, L | 92.002.5353.0 | 1 | |

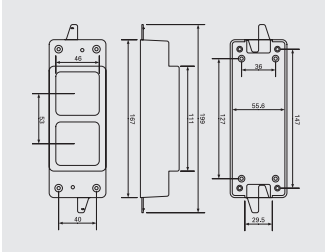


Pluggable outlet strips

Rated voltage: 250 V
 Rated current: 16 A
 Protection rating: IP20, IP40 when plugged
 Approvals:
 Locking device: integrated

Routing: GST18i3 Buchse
 Incoming supply: GST18i3 Stecker
 Observe installation instructions, observe technical notes,
 see instructions and technical Data in the catalog!

3 pole, pluggable outlet strips, 2 sockets

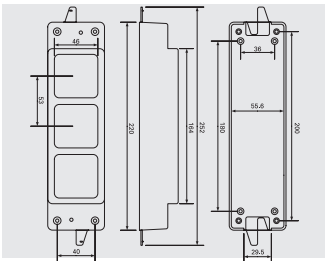


| Color | Coding | Part No. | P. U. | Price |
|-------|-----------------|---------------|-------|-------|
| white | Code 1 L, PE, N | 99.612.0028.0 | 1 | |
| black | Code 1 L, PE, N | 99.600.0028.0 | 30 | |

Outlet, 2 sockets
 WSDL 1-2



3 pole, pluggable outlet strips, 3 sockets, without contact protection



| Color | Coding | Part No. | P. U. | Price |
|-------|-----------------|---------------|-------|-------|
| white | Code 1 L, PE, N | 99.602.0028.0 | 1 | |
| black | Code 1 L, PE, N | 99.601.0028.0 | 25 | |

Female connector
 WSDL 1-3



3 pole, pluggable outlet strips, 3 sockets with contact protection

| Color | Coding | Part No. | P. U. | Price |
|-------|-----------------|---------------|-------|-------|
| white | Code 1 L, PE, N | 99.653.0028.0 | 1 | |
| black | Code 1 L, PE, N | 99.652.0028.0 | 1 | |

3 pole, overvoltage protection plug

| Color | Fault display | Part No. | P. U. | Price |
|--------------|---------------|---------------|-------|-------|
| gray, code 1 | Optical | 84.990.1242.0 | 1 | |

| Color | Fault display | Part No. | P. U. | Price |
|--------------|---------------|---------------|-------|-------|
| gray, code 1 | Acoustical | 84.990.1243.0 | 1 | |

Male connector



Distribution boxes, covers

Rated voltage: 230 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged Internal wiring: 2.5 mm² halogen-free

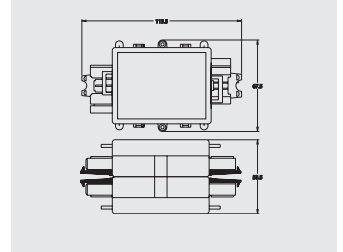
Distribution box, 3 pole, 1I/30 with locking device

Distribution box



| Housing color white, Coding | | Part No. | P. U. | Price |
|-----------------------------|--------|----------|---------------|-------|
| pebble gray | Code 2 | L, PE, N | 99.500.0028.0 | 25 |
| salmon red | Code 3 | L, PE, N | 99.501.0028.0 | 25 |

Other codings and wirings on request



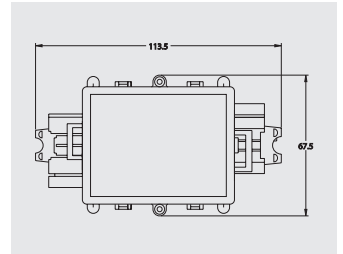
4 pole, 1I/30 with locking device

Distribution box



| Housing color white, Coding | | Part No. | P. U. | Price |
|-----------------------------|--------|-------------|---------------|-------|
| black | Code 1 | 2, N, PE, 1 | 99.502.0028.0 | 25 |

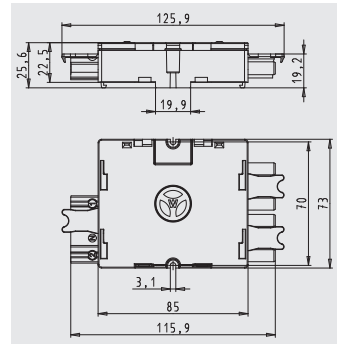
Other codings and wirings on request



Distribution unit GST18, left empty for device connections, max. 7 poles per side

| Housing color white, Coding | | Part No. | P. U. | Price |
|-----------------------------|--|----------|---------------|-------|
| white | | | 99.508.0028.0 | |

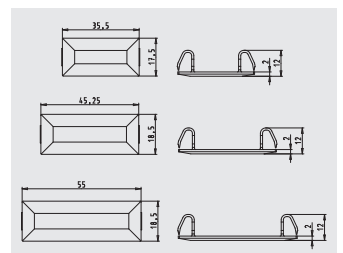
Distribution box is available pre-assembled as per customer specifications



Covers for covering open housing cutouts GST18



| Color | | Part No. | P. U. | Price |
|-------|--|----------|---------------|-------|
| white | | GST18i3 | 07.425.8753.0 | 100 |
| | | GST18i4 | 07.425.8853.0 | 100 |
| | | GST18i5 | 07.425.8953.0 | 100 |



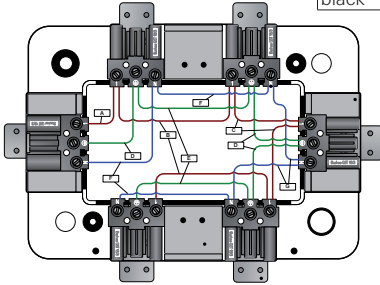
Distribution boxes

Rated voltage: 250 V or 250 / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

internal wiring: 2.5 mm² halogen-free
 Examples for customized fitting and wiring:

3 pole, input GST18i3 black, output 5x GST18i3 black

| Color | Coding | Outputs | Part No. | P. U. | Price |
|-------|--------|---------|---------------|-------|-------|
| black | Code 1 | | 99.234.0028.0 | 24 | |

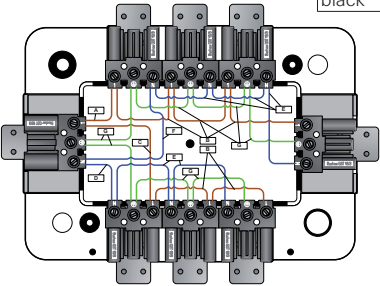


Blackbox housing



3 pole, input GST18i3 black, output 7x GST18i3 black

| Color | Coding | Outputs | Part No. | P. U. | Price |
|-------|--------|---------|---------------|-------|-------|
| black | Code 1 | | 99.238.0028.0 | 24 | |

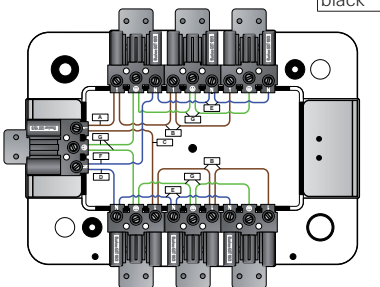


Blackbox housing



3 pole, input GST18i3 black, output 6x GST18i3 black

| Color | Coding | Outputs | Part No. | P. U. | Price |
|-------|--------|---------|---------------|-------|-------|
| black | Code 1 | | 99.293.0028.0 | 24 | |

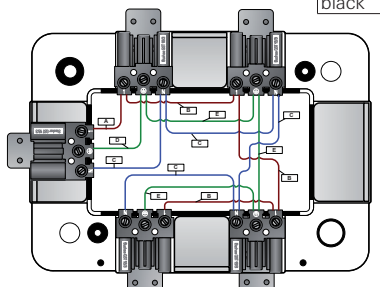


Blackbox housing



3 pole, input GST18i3 black, output 4x GST18i3 black

| Color | Coding | Outputs | Part No. | P. U. | Price |
|-------|--------|---------|---------------|-------|-------|
| black | Code 1 | | 99.297.0028.0 | 24 | |



Blackbox housing



Distribution boxes

Rated voltage: 250 V or 250 / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

internal wiring: 2.5 mm² halogen-free

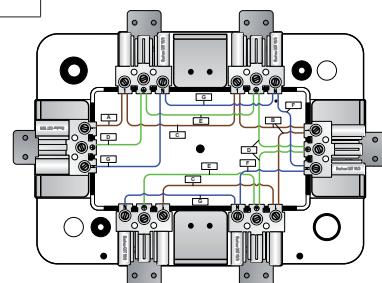
Examples for customized fitting and wiring:

3 pole, input GST18i3 white, output 5x GST18i3 white

Blackbox housing



| Color | Coding | Outputs | Part No. | P. U. | Price |
|-------|--------|---------|---------------|-------|-------|
| black | Code 1 | | 99.188.0028.0 | 24 | |

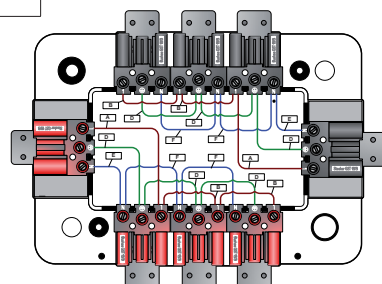


3 pole, input GST18i3 red/black, output 3x GST18i3 black/red

Blackbox housing



| Color | Coding | Outputs | Part No. | P. U. | Price |
|-------------------|----------|---------|---------------|-------|-------|
| black/ salmon red | Code 1/3 | | 99.202.0028.0 | 24 | |

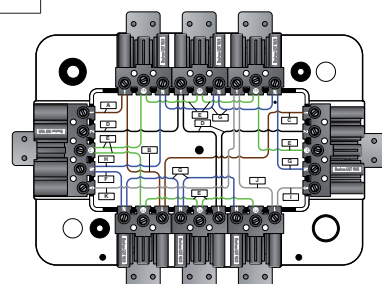


5-/3 pole, input GST18i5 black, output 6x GST18i3 black, 1x GST18i5 black

Blackbox housing



| Color | Coding | Outputs | Part No. | P. U. | Price |
|-------|--------|---------|---------------|-------|-------|
| black | Code 1 | | 99.237.0028.0 | 24 | |

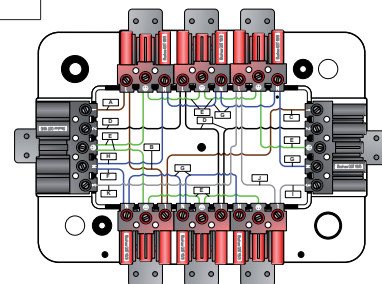


5-/3 pole, input GST18i5 black, output 6x GST18i3 red, 1x GST18i5 black

Blackbox housing



| Color | Coding | Outputs | Part No. | P. U. | Price |
|-------------------|----------|---------|---------------|-------|-------|
| black/ salmon red | Code 1/3 | | 99.281.0028.0 | 24 | |



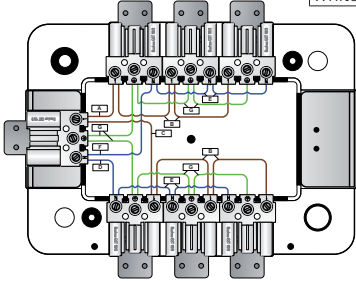
Distribution boxes

Rated voltage: 250 V or 250 / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

internal wiring: 2.5 mm² halogen-free
 Examples for customized fitting and wiring:

3 pole, input GST18i3 white, output 6x GST18i3 white

| Color | Coding | Outputs | Part No. | P. U. | Price |
|-------|--------|---------|---------------|-------|-------|
| white | Code 1 | | 99.294.0028.0 | 24 | |

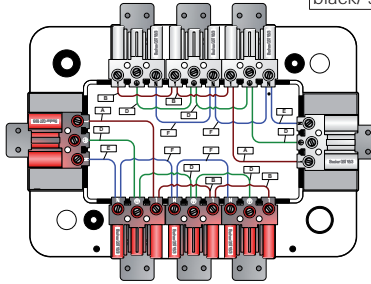


Blackbox housing



3 pole, input GST18i3 red/white, output 3x GST18i3 red/white

| Color | Coding | Outputs | Part No. | P. U. | Price |
|-------------------|----------|---------|---------------|-------|-------|
| black/ salmon red | Code 1/3 | | 99.308.0028.0 | 24 | |



Blackbox housing



Ignition voltage up to 5 kV – safe connections for “No Flame” plug connectors according to EN 60 335-1

High-intensity discharge lamps are very cost-effective and produce an extremely high light yield. Special electronic ballasts are required to ignite these lamps. These can be either integrated into the luminaire or installed separately. A dedicated series of plug connectors is available for facilitating the wiring between spatially separated electronic ballasts and the corresponding lamps.

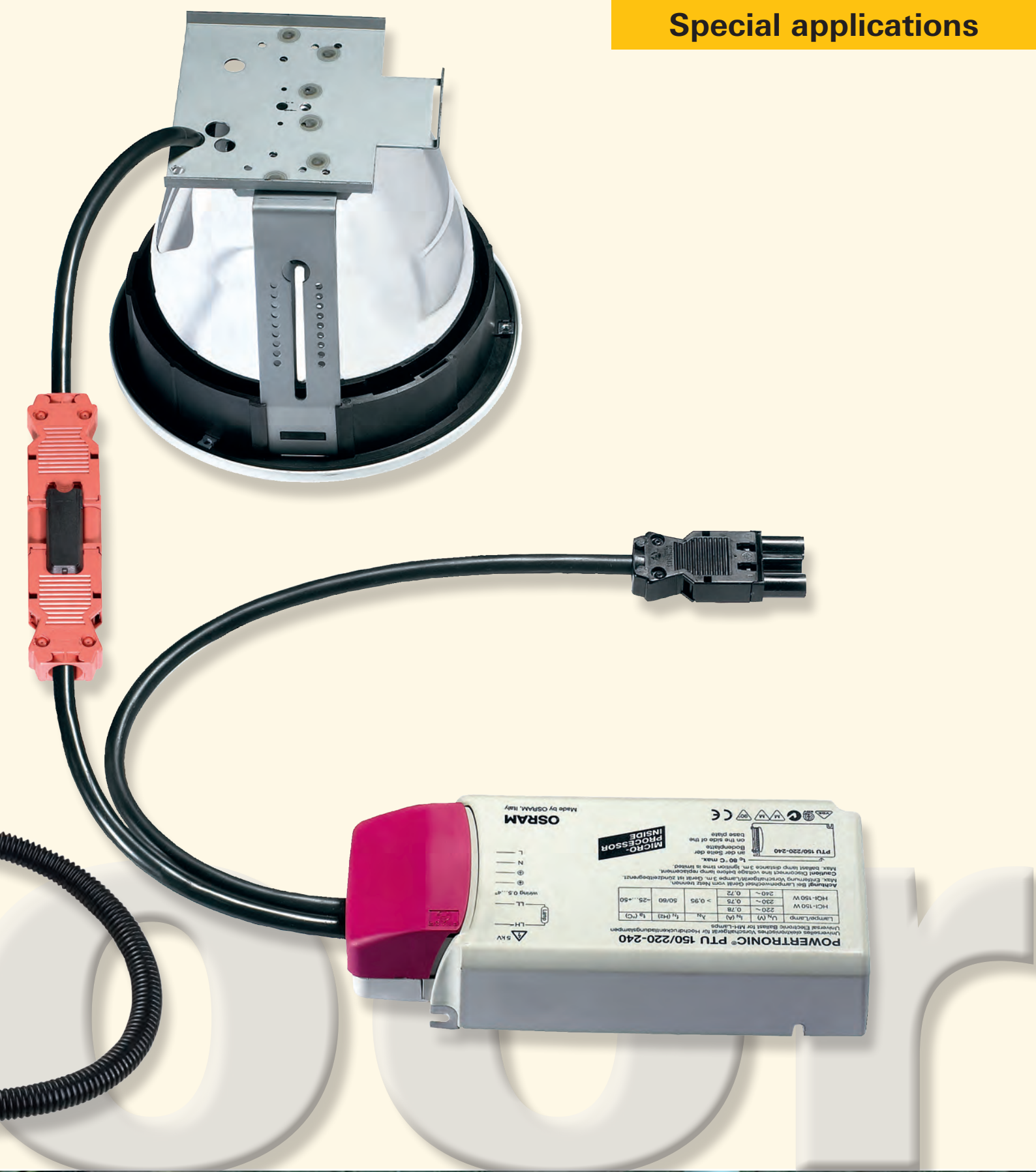
All connectors and pre-assembled cables carry the special mark “5 kV”. The special coding prevents an accidental connection to our GST 18 black-and-white standard coding.

Our “No Flame” connectors **GST18i3** to **GST18i5** have been manufactured and marked especially for applications that must pass a flammability test according to EN 60335-1 (German standard VDE 0700-1). Glow wire-resistant “No Flame” material.



More information
<http://eshop.wieland-electric.com>





POWERTRONIC® PTU 150/220-240
 Universal electronic ballast for MH-Lamps
 Universal elektronisches Vorschaltgerät für Hochdrucknatriumdampflampen

| HL-150 W | U _N (V) | I _N (A) | f _N (Hz) | lg (C) |
|----------|--------------------|--------------------|---------------------|-----------|
| 230 ~ | 0.78 | 2.20 | 50/60 | -25...+50 |
| 240 ~ | 0.72 | 2.40 | | |

Achtung! Bei Lampenwechsel Gerät vom Netz trennen.
 Max. Prüflänge Verkabelung/Lampe 2 m. Gerät ist druckeigenzigt.
 Careful! Disconnect the voltage before lamp replacement.
 Max. cable length distance 2 m. Device is pressure-resistant.

PTU 150/220-240
 Base plate
 on the side of the
 MICRO-PROCESSOR
 in der Seite der
 Basisplatte
 50 °C max.

OSRAM
 Made by OSRAM, Italy

Wiring: L, N, PE, LL, LH, SKV



No flame: Connectors with screw connection



Glow wire resistant „No-Flame“ material

Wire cross-section

solid/fine-stranded: 0.75 – 2.5 mm²

Rated voltage: 250 V

Rated current: 20 A

Rated impulse voltage: 4 kV

Protection rating:

IP20, IP40 when plugged

Connections per pole:

1, without ferrules

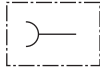
Solder fixation in PC board: for solder paste mask see Technical Data

Especially for applications requiring fire hazard tests

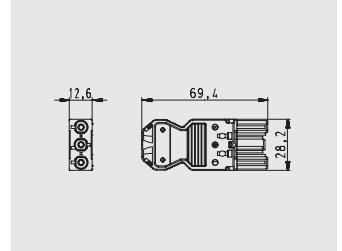
as per the standard EN 60335-1, observe Technical data.

3 pole, cable diameter 6.5 – 10.5 mm, unassembled

Female connector
GST18i3 S B1 Z R1



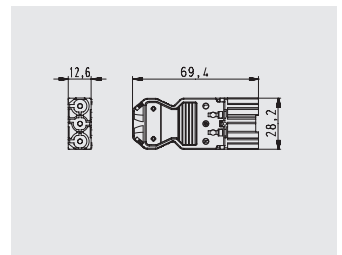
| Color | Coding | Part No. | P. U. | Price |
|-------------|-----------------|---------------|-------|-------|
| light ivory | Code 1 N, PE, L | 92.931.3057.0 | | |



Male connector
GST18i3 S S1 Z R1 Z R1



| Color | Coding | Part No. | P. U. | Price |
|-------------|-----------------|---------------|-------|-------|
| light ivory | Code 1 L, PE, N | 92.932.3057.0 | | |

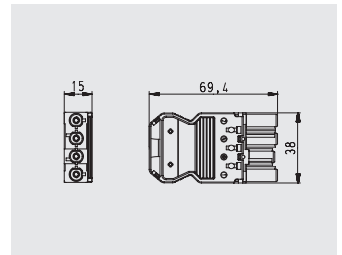


4 pole, cable diameter 7.1 – 12.0 mm, unassembled

Female connector
GST18i4 S B1 Z R1



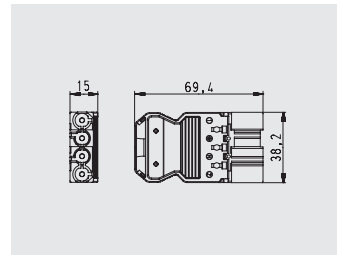
| Color | Coding | Part No. | P. U. | Price |
|-------------|--------------------|---------------|-------|-------|
| light ivory | Code 1 2, N, PE, 1 | 92.943.3057.0 | | |



Male connector
GST18i4 S S1 Z R1

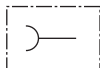


| Color | Coding | Part No. | P. U. | Price |
|-------------|--------------------|---------------|-------|-------|
| light ivory | Code 1 1, PE, N, 2 | 92.944.3057.0 | | |

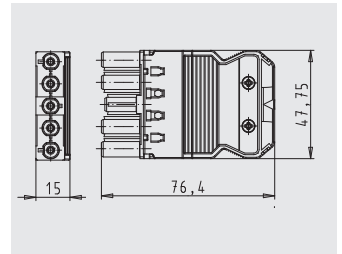


5 pole, cable diameter 8.5 – 12.5 mm, unassembled

Female connector
GST18i5 S B1 Z R1



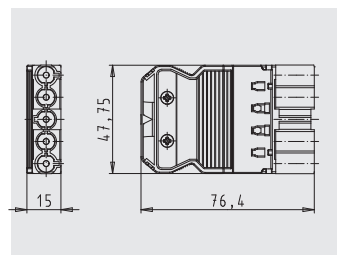
| Color | Coding | Part No. | P. U. | Price |
|-------------|-----------------------|---------------|-------|-------|
| light ivory | Code 1 3, N, PE, 2, 1 | 92.953.4057.0 | | |



Male connector
GST18i5 S S1 Z R1



| Color | Coding | Part No. | P. U. | Price |
|-------------|-----------------------|---------------|-------|-------|
| light ivory | Code 1 1, 2, PE, N, 3 | 92.954.4057.0 | | |



GST18i3

GST18i4

GST18i5

No flame: Snap-in, solder part

Glow wire resistant „No-Flame“ material

Wire cross-section

solid/fine-stranded:

0.75 – 2.5 mm²

Rated voltage:

250 V

Rated current:

20 A

Rated impulse voltage:

4 kV

Protection rating:

Connections per pole:

Solder parts:

Solder fixation in PC board:

Especially for applications requiring fire hazard tests
as per the standard EN 60335-1, observe Technical data.

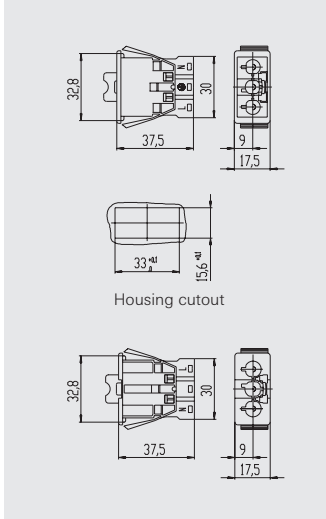
IP20, IP40 when plugged

1 at solder part, 2 at snap-in

ferrules not relevant

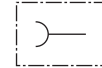
for solder paste mask see Technical Data

3 pole, GST18i3 Snap-in



| Color | Coding | Part No. | P. U. | Price |
|-------------|-----------------|---------------|-------|-------|
| black | Code 1 N, PE, L | 92.031.7657.1 | 100 | |
| light ivory | Code 1 N, PE, L | 92.031.7657.0 | | |

Female connector

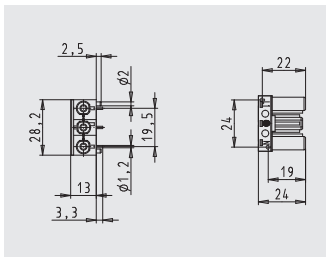


| Color | Coding | Part No. | P. U. | Price |
|-------------|-----------------|---------------|-------|-------|
| black | Code 1 L, PE, N | 92.032.7657.1 | 100 | |
| light ivory | Code 1 L, PE, N | 92.032.7657.0 | | |

Male connector

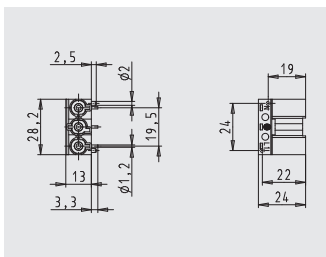


3 pole, solder part GST18i3, solder pin length = 3.3 mm



| Color | Coding | Part No. | P. U. | Price |
|-------------|-----------------|---------------|-------|-------|
| light ivory | Code 1 L, PE, N | 92.033.0057.0 | 100 | |

Female connector
GST18i3 L B1 H



| Color | Coding | Part No. | P. U. | Price |
|-------------|-----------------|---------------|-------|-------|
| light ivory | Code 1 L, PE, N | 92.034.0057.0 | 100 | |

Male connector
GST18i3 L S1 H



Ignition voltage: Connectors



Rated voltage:
Rated current:
Ignition voltage:
Protection rating:

250 V
20 A
5 kV
IP20, IP40 when plugged

Screw connection:
Spring clamp connection:
Requirements:

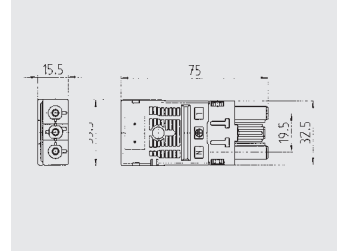
1 connection per pole
2 connections per pole
as per DIN EN 60 598-1
(VDE 0711, para. 10.2 ff)

3 pole, cable diameter 7.8 – 10.3 mm, unassembled, spring clamp connection

Female connector
GST18i3F B2 Z R1 5KV1



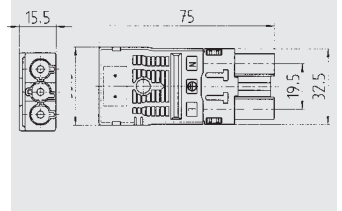
| Color | Coding | Part No. | P. U. | Price |
|------------|-------------------|---------------|-------|-------|
| salmon red | Code 3 N, PE, L | G0.000.0086.0 | 50 | |



Male connector
GST18i3F S2 Z R1 5KV



| Color | Coding | Part No. | P. U. | Price |
|------------|-------------------|---------------|-------|-------|
| salmon red | Code 3 L, PE, N | G0.000.0086.1 | 50 | |

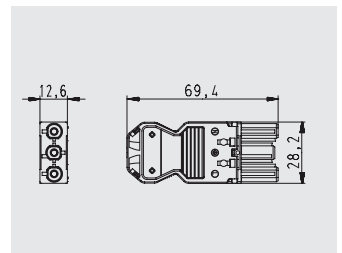


3 pole, cable diameter 6.5 – 10.5 mm, flat design, unassembled, screw connection

Female connector
GST18i3S B1 Z R1 5KV



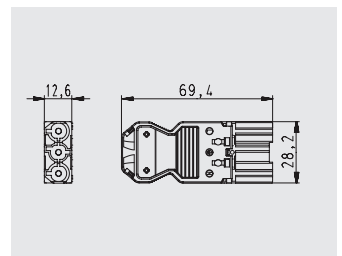
| Color | Coding | Part No. | P. U. | Price |
|------------|-------------------|---------------|-------|-------|
| salmon red | Code 3 N, PE, L | G0.000.0502.3 | 50 | |



Male connector
GST18i3S S1 Z R1 5KV



| Color | Coding | Part No. | P. U. | Price |
|------------|-------------------|---------------|-------|-------|
| salmon red | Code 3 L, PE, N | G0.000.0502.4 | 50 | |

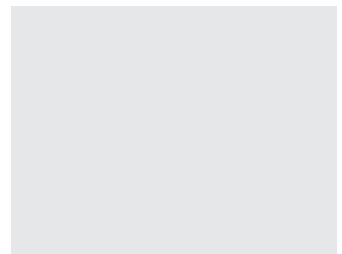


3 pole, cable diameter 8.3 – 11.3 mm, high design, unassembled

Female connector
GST18i3S B1NZR2A5KVRT03



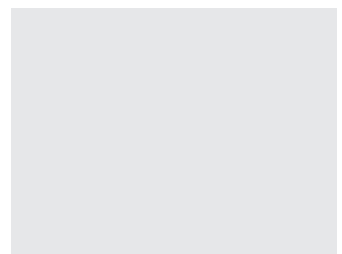
| Color | Coding | Part No. | P. U. | Price |
|------------|-------------------|---------------|-------|-------|
| salmon red | Code 3 N, PE, L | G0.000.0086.2 | 100 | |



Male connector
GST18i3S S1NZR2A5KVRT03



| Color | Coding | Part No. | P. U. | Price |
|------------|-------------------|---------------|-------|-------|
| salmon red | Code 3 L, PE, N | G0.000.0086.3 | 100 | |



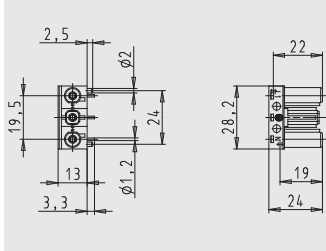
Preassembled connectors available on request

Ignition voltage: Solder connectors, horizontal

Rated voltage: 250 V
Rated current: 20 A
Ignition voltage: 5 kV
Protection rating: IP20, IP40 when plugged

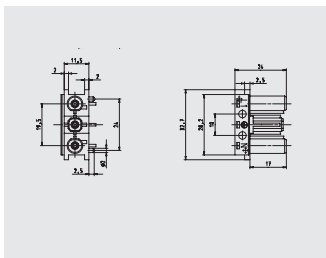
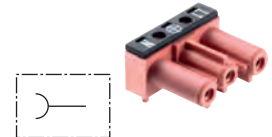
Locking device: separate, see Accessories
Solder fixation in PC board: for solder paste mask see Technical Data
Observe installation instructions and technical notes, see Technical Data

3 pole GST 18



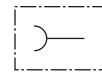
| Color | Coding | Part No. | P. U. | Price |
|------------|---|---------------|-------|-------|
| salmon red | Code 3 L, PE, N | 92.033.0758.0 | 100 | |

Female connector
GST18i3F L B1 5kV

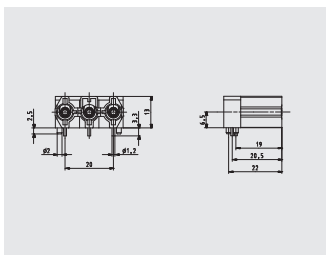


| Color | Coding | Part No. | P. U. | Price |
|------------|---|---------------|-------|-------|
| salmon red | Code 3 L, PE, N | 92.033.0858.0 | 100 | |

Female connector
with fastening flange
GST18i3 L B1 5kV

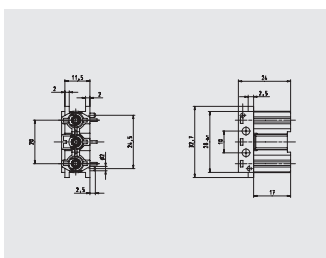
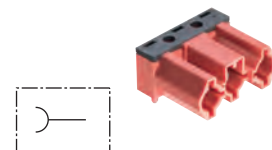


3 pole ST18 UNI



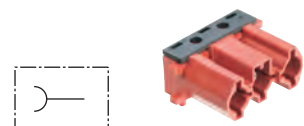
| Color | Coding | Part No. | P. U. | Price |
|------------|---|---------------|-------|-------|
| salmon red | Coding turned by 180° | 99.404.3704.3 | 100 | |
| salmon red | Standard coding | 99.406.3704.3 | 100 | |

Female connector
ST18i3 L B1 UNI 5kV



| Color | Coding | Part No. | P. U. | Price |
|------------|---|---------------|-------|-------|
| salmon red | Coding turned by 180° | 99.406.8330.7 | 100 | |
| salmon red | Standard coding | 99.407.8330.7 | 100 | |

Female connector
with fastening flange
ST18i3 L B1 UNI 5kV



GST18i3

ST18 UNI

Ignition voltage: Snap-in with spring clamp connection



Solid wire cross-section: 0.5 – 2.5 mm²
 Fine-stranded wire cross-section: 0.5 – 1.5 mm² with ferrules
 Rated voltage: 250 V
 Rated current: 20 A
 Ignition voltage: 5 kV

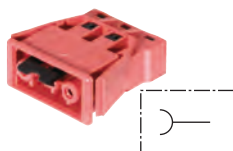
Protection rating:
 Spring clamp connection:
 Locking device:
 Wire stripping length 0.5 – 1.5 mm²:
 Wire stripping length 0.5 – 2.5 mm²:

IP20, IP40 when plugged
 2 connections per pole integrated
 8 mm
 9 mm

3 pole, housing material thickness 0.5 – 1.5 mm

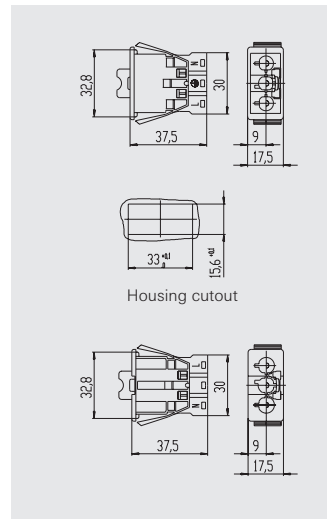
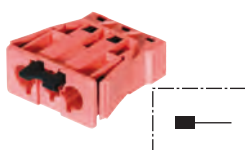
Female connector
 GST18i3F B2 RV

| Color | Coding | Part No. | P. U. | Price |
|------------|--------|----------|---------------|-------|
| salmon red | Code 3 | N, PE, L | 92.031.8558.0 | 100 |



Male connector
 GST18i3F S2 RV

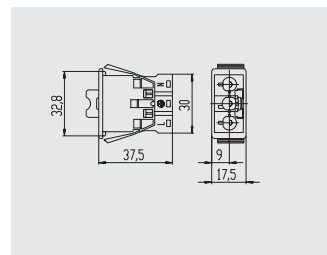
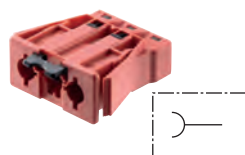
| Color | Coding | Part No. | P. U. | Price |
|------------|--------|----------|---------------|-------|
| salmon red | Code 3 | L, PE, N | 92.032.8558.0 | 100 |



3 pole ST18 UNI, material thickness 0.5 – 1.5 mm

Female connector
 ST 18i3F B2 RV

| Color | Coding | Part No. | P. U. | Price |
|------------|--------|----------|---------------|-------|
| salmon red | Code 3 | L, PE, N | 99.403.3704.3 | 100 |

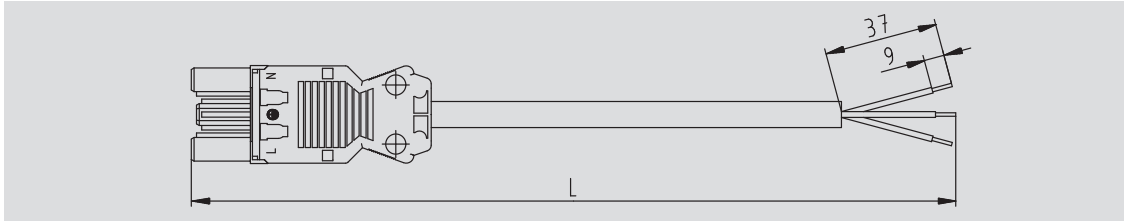


Ignition voltage: Cable assemblies, 3 pole, 1.5 mm²

Rated voltage: 250 V
 Rated current: 16 A
 Ignition voltage: 5 kV
 Protection rating: IP20, IP40 when plugged
 Cable material, H05VV-F: PVC, contains halogen
 Continuous temperature: 70 °C

Cable diameter: 6.7 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories
 Observe installation instructions and technical notes, see Technical Data!

Connection cables female – free end
 Wire ends ultrasonically welded



Cable **H05VV-F**

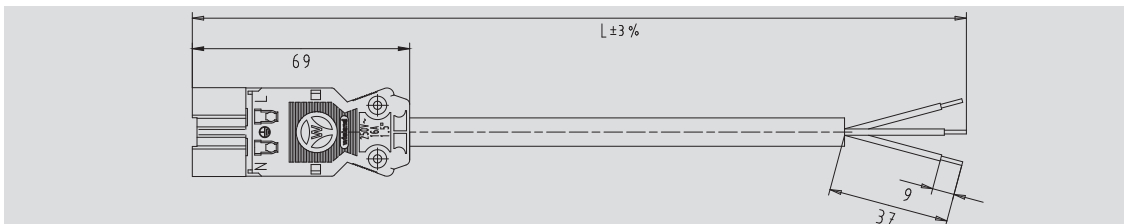
| Cable black/coding | Length m | Part No. | P. U. | Price |
|--------------------|----------|----------|---------------|-------|
| salmon red | Code 3 | 0.3 | G0.000.0086.4 | 200 |
| | N, PE, L | 0.5 | G0.000.0086.5 | 100 |
| | | 1.0 | G0.000.0086.6 | 75 |



⊕ = GN/YE
 N = BU
 L = BN



Connection cable male – free end
 Wire ends ultrasonically welded



Cable **H05VV-F**

| Cable black/coding | Length m | Part No. | P. U. | Price |
|--------------------|----------|----------|---------------|-------|
| salmon red | Code 3 | 0.3 | G0.000.0086.7 | 200 |
| | L, PE, N | 0.5 | G0.000.0086.8 | 100 |
| | | 1.0 | G0.000.0086.9 | 75 |



⊕ = GN/YE
 N = BU
 L = BN



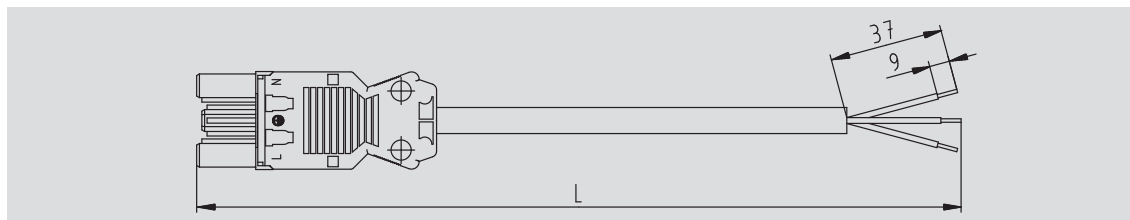
Other cables, other lengths, other codings on request

Ignition voltage: Cable assemblies, 3 pole, 1.0 mm²

Rated voltage: 250 V
 Rated current: 10 A
 Ignition voltage: 5 kV
 Protection rating: IP20, IP40 when plugged
 Cable material, H05SS-F: silicone-coated, continuous temperature 180 °C

Cable diameter: 8.2 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories
 Observe installation instructions and technical notes, see Technical Data!

Connection cables female – free end
 Wire ends with ferrules



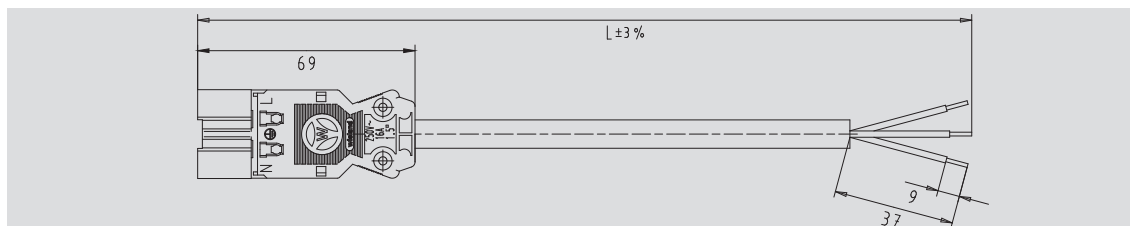
Cable **H05SS-F**

| Cable black/coding | Length m | Part No. | P. U. | Price |
|----------------------------------|----------|---------------|-------|-------|
| salmon red Code 3 N, PE, L | 0.5 | G0.000.0539.8 | 100 | |



⊕ = GN/YE
 N = BU
 L = BN

Connection cable male – free end
 Wire ends with ferrules



Cable **H05SS-F**

| Cable black/coding | Length m | Part No. | P. U. | Price |
|----------------------------------|----------|---------------|-------|-------|
| salmon red Code 3 L, PE, N | 0.5 | G0.000.0539.9 | 100 | |



⊕ = GN/YE
 N = BU
 L = BN

Other cables, other lengths, other codings on request

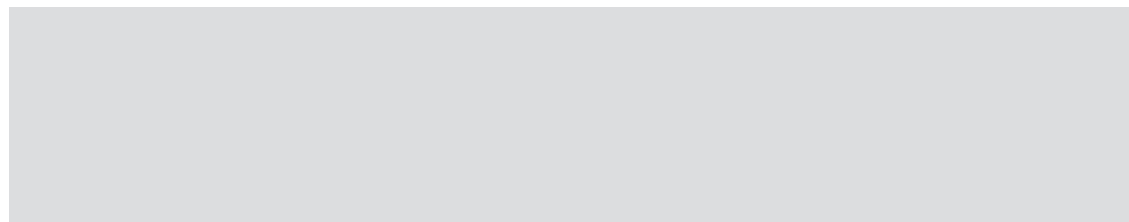


Ignition voltage ST18 UNI: Cable assemblies, 3 pole, 1.0 mm²

Rated voltage: 250 V
 Rated current: 10 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Cable material, H05VV-F: PVC, contains halogen
 continuous temperature 70 °C

Cable material, H05SS-F: silicone-coated,
 continuous temperature 180 °C
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories
 Observe installation instructions and technical notes,
 see Technical Data! Ensure locking with ST UNI!

Connection cables female – free end
 Wire ends ultrasonically welded



Cable **H05VV-F**

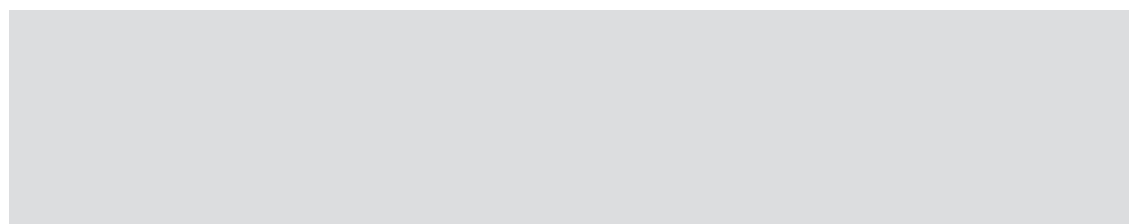
| Cable black/coding | Length m | Part No. | P. U. | Price |
|----------------------------------|----------|---------------|-------|-------|
| salmon red Code 3 N, PE, L | 0,5 | 94.731.0503.9 | 150 | |



⊕ = GN/YE
 N = BU
 L = BN



Connection cable male – free end
 Wire ends with ferrules



Cable **H05SS-F**

| Cable black/coding | Length m | Part No. | P. U. | Price |
|----------------------------------|----------|---------------|-------|-------|
| salmon red Code 3 L, PE, N | 0,5 | 94.731.0564.9 | 100 | |



⊕ = GN/YE
 N = BU
 L = BN



Other cables, other lengths, other codings on request

Mini always fits – smaller is in vogue!

gesis[®]MINI adds an important facet to the **gesis**[®] range. While previously wiring with terminal blocks was tedious painstaking work, the complete power distribution can now be installed with pluggable components throughout – even in the barely accessible corners of a shelf or in narrow channels. Even the most confined spaces are no longer a problem. And the best part: It is possible to implement installations with 250V and 16A.

In store design as in exhibition stand construction, the focus these days is on the perfect product experience. The lighting in the shelf itself is becoming ever more important, and this is reflected in more effective illumination, better presentation, and ultimately more sales. The electrical installation must also follow this trend.

Only an installation with compact components can come into play here, as a rule, because both luminaires and ballasts are becoming smaller and smaller. At the same time as this trend toward miniaturization is happening another development is intensifying: Nothing is built to last an eternity anymore – the cycles for modifying presentation systems are shortening all the time. The electrical installation must face up to this as well:

gesis[®]MINI meets both demands and combines minimum size with maximum flexibility. All according to one principle: pluggability.

The use of **gesis**[®]MINI is not confined to eye-catching lighting scenarios involving displays, cabinets, or shelves. The 2, 3, 4, or 5 pole versions actually enable versatile use – in the form of DALI applications, too.






More information

<http://eshop.wieland-electric.com>



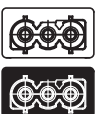

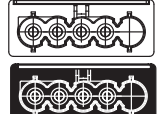
Coding of GST15i connectors

GST15i2

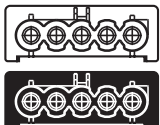


| Code 1 white black | Code 2 pastel blue | Code 3 light blue |
|---|---|--|
|  |  |  |
| Application Mains voltage | Application Dimming (e.g. DALI) | Application Low voltage (50 V) |

GST15i3

GST15i4

| Code 1 white black | Code 4 brown | Code 1 white black |
|--|---|---|
|  |  |  |
| Application Mains voltage | Application Switching application | Application Mains voltage |

GST15i5

| Code 1 white black | Code 2 pastel blue | Code 3 light blue |
|---|---|--|
|  |  |  |
| Application Mains voltage | Application Dimming (e.g. DALI) | Application Low voltage (50 V) |



Screw connectors



Wire cross-section
solid/fine-stranded Round cables: 0.75 – 1.5 mm²
Flat cables: 0.5 – 1.5 mm²
Rated voltage: 250 V
Rated current: 6 / 16 A
Rated impulse voltage: 4 kV

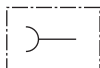
Protection rating:
Approvals:
Screw connection:
Locking device:
Sheath strip length:
Wire stripping length:

IP20

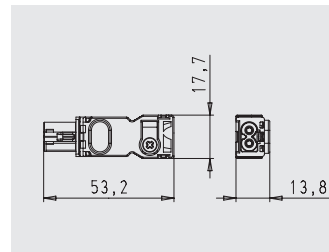
1 connection per pole, without ferrule
integrated
21 mm
8 mm

2 pole, cable diameter 6.0 – 7.7 mm, unassembled, for round cables

Female connector
 GST15i2S B1 ZR1



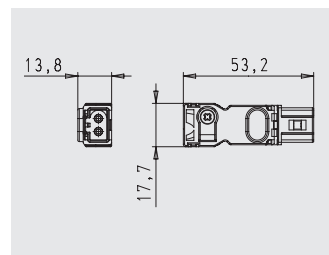
| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|----------|---------------|-------|
| white | Code 1 | N, L | 91.921.3053.0 | 100 |
| black | | | 91.921.3053.1 | 100 |
| pastel blue (6 A) | Code 2 | D2, D1 | 91.921.3453.0 | 100 |
| light blue (50 V) | Code 3 | 2, 1 | 91.921.3353.0 | 100 |



Male connector
 GST15i2S S1 ZR1

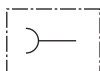


| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|----------|---------------|-------|
| white | Code 1 | L, N | 91.922.3053.0 | 100 |
| black | | | 91.922.3053.1 | 100 |
| pastel blue (6 A) | Code 2 | D1, D2 | 91.922.3453.0 | 100 |
| light blue (50 V) | Code 3 | 1, 2 | 91.922.3353.0 | 100 |

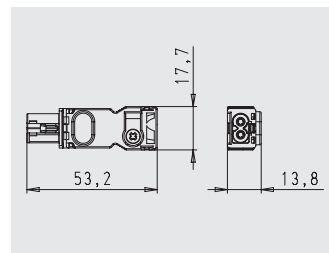


2 pole, cable diameter 3.5 – 6.5 mm, unassembled, for flat cables

Female connector
 GST15i2



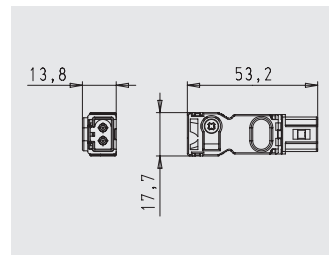
| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|----------|---------------|-------|
| white | Code 1 | N, L | 91.921.2053.0 | 100 |
| black | | | 91.921.2053.1 | 100 |
| pastel blue (6 A) | Code 2 | D2, D1 | 91.921.2453.0 | 100 |
| light blue (50 V) | Code 3 | 2, 1 | 91.921.2353.0 | 100 |



Male connector
 GST15i2



| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|----------|---------------|-------|
| white | Code 1 | L, N | 91.922.2053.0 | 100 |
| black | | | 91.922.2053.1 | 100 |
| pastel blue (6 A) | Code 2 | D1, D2 | 91.922.2453.0 | 100 |
| light blue (50 V) | Code 3 | 1, 2 | 91.922.2353.0 | 100 |




Screw connectors

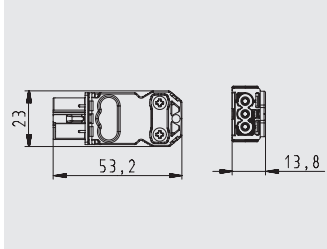
Wire cross-section
solid/fine-stranded:
Rated voltage:
Rated current:
Rated impulse voltage:
Protection rating:

0.75 – 2.5 mm²
250 V
16 A
4 kV
IP20

Approvals:
Screw connection:
Locking device:
Sheath strip length:
Wire stripping length:

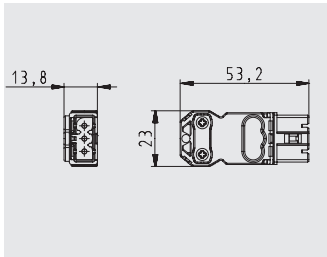
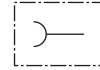
 **1 connection per pole, without ferrule integrated**
25 mm (±), 21 mm
8 mm

3 pole, cable diameter 5.5 – 9.0 mm, unassembled, max. 3 x 1.5 mm²



| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|----------|---------------|-------|
| white | Code 1 | N, PE, L | 91.931.3053.0 | 100 |
| black | | | 91.931.3053.1 | 100 |
| brown (oxide red) | Code 4 | 3, 2, 1 | 91.931.3853.0 | 100 |

Female connector
GST15i3S B1 ZR1

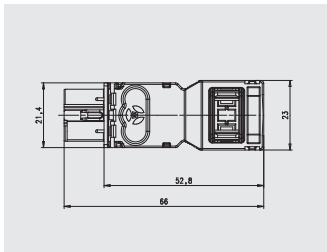


| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|----------|---------------|-------|
| white | Code 1 | L, PE, N | 91.932.3053.0 | 100 |
| black | | | 91.932.3053.1 | 100 |
| brown (oxide red) | Code 4 | 1, 2, 3 | 91.932.3853.0 | 100 |

Male connector
GST15i3S S1 ZR1

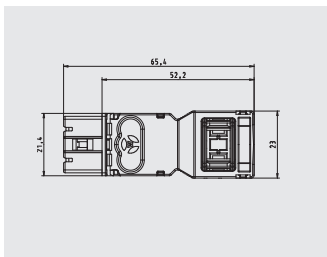


3 pole, cable diameter 5.5 – 11.0 mm, unassembled, max. 3 x 2.5 mm²



| Color | Coding | Part No. | P. U. | Price |
|-------|--------|----------|---------------|-------|
| white | Code 1 | N, PE, L | 91.931.4053.0 | 100 |
| black | | | 91.931.4053.1 | 100 |

Female connector
GST15i3



| Color | Coding | Part No. | P. U. | Price |
|-------|--------|----------|---------------|-------|
| white | Code 1 | L, PE, N | 91.932.4053.0 | 100 |
| black | | | 91.932.4053.1 | 100 |

Male connector
GST15i3




Screw connectors



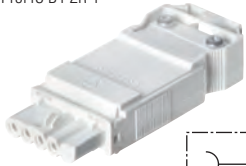
Wire cross-section
solid/fine-stranded: 0.5 – 2.5 mm²
Rated voltage: 250 V / 400V
Rated current: 16 A
Rated impulse voltage: 4 kV

Protection rating:
Approvals:
Screw connection:
Locking device:
Sheath strip length:
Wire stripping length:

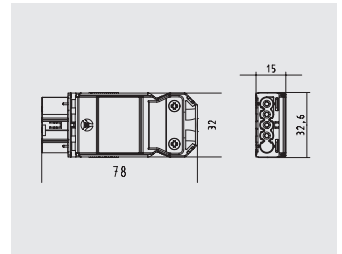
IP20

 1 connection per pole, without ferrule
 integrated
 25 mm (⊕), 21 mm
 8 mm

4 pole, cable diameter 8.5 – 12.5 mm, unassembled, straight cable entry

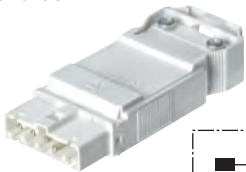
Female connector
GST15i4S B1 ZR 1



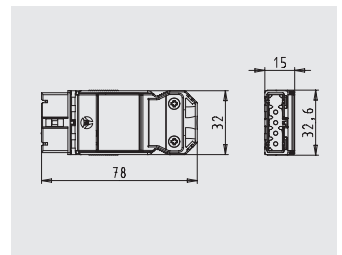
| Color | Coding | Part No. | P. U. | Price |
|-------|--------|---------------|-------|-------|
| white | Code 1 | 91.941.4053.0 | 50 | |
| black | | 91.941.4053.1 | 50 | |



Male connector
GST15i4S S1 ZR 1



| Color | Coding | Part No. | P. U. | Price |
|-------|--------|---------------|-------|-------|
| white | Code 1 | 91.942.4053.0 | 50 | |
| black | | 91.942.4053.1 | 50 | |

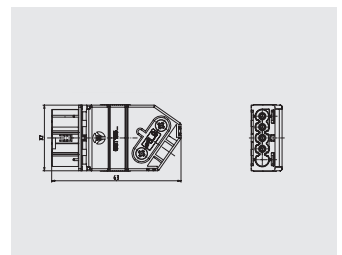


4 pole, cable diameter 6.0 – 11.5 mm, unassembled, angled cable entry

Female connector
GST15i4S B1 ZW 1V



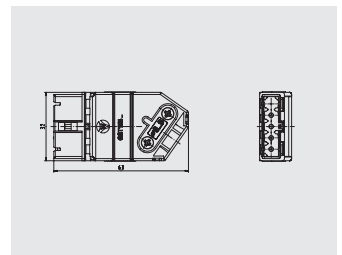
| Color | Coding | Part No. | P. U. | Price |
|-------|--------|---------------|-------|-------|
| white | Code 1 | 91.941.3053.0 | 50 | |
| black | | 91.941.3053.1 | 50 | |



Male connector
GST15i4S S1 ZW 1V




| Color | Coding | Part No. | P. U. | Price |
|-------|--------|---------------|-------|-------|
| white | Code 1 | 91.942.3053.0 | 50 | |
| black | | 91.942.3053.1 | 50 | |



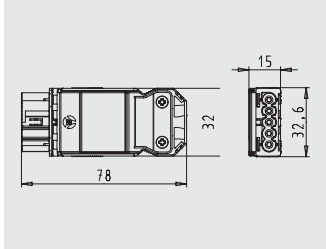
Screw connectors

Wire cross-section
solid/fine-stranded: 0.5 – 2.5 mm²
Rated voltage: 250 V / 400 V
Rated current: 16 A
Rated impulse voltage: 4 kV

Protection rating:
Approvals:
Screw connection:
Locking device:
Sheath strip length:
Wire stripping length:

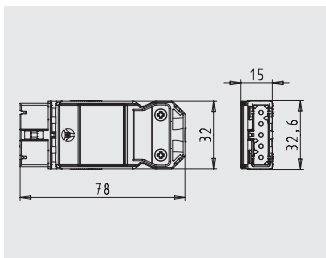
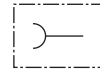
IP20

 1 connection per pole, without ferrule
 integrated
 25 mm (±), 21 mm
 8 mm

5 pole, cable diameter 8.5 – 12.5 mm, unassembled, straight cable entry



| Color | Coding | Part No. | P. U. | Price |
|-------------------------|--------|------------------|---------------|-------|
| white | Code 1 | N, PE, 1, 2, 3 | 91.951.4053.0 | 50 |
| black | | | 91.951.4053.1 | 50 |
| pastel blue | Code 2 | N, PE, L, D2, D1 | 91.951.4453.0 | 50 |
| light blue (50 V, 10 A) | Code 3 | 5, 4, 3, 2, 1 | 91.951.4353.0 | 50 |

Female connector
GST15i5S B1 ZR 1W

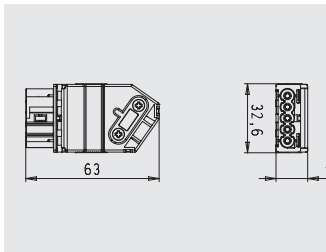


| Color | Coding | Part No. | P. U. | Price |
|-------------------------|--------|------------------|---------------|-------|
| white | Code 1 | 3, 2, 1, PE, N | 91.952.4053.0 | 50 |
| black | | | 91.952.4053.1 | 50 |
| pastel blue | Code 2 | D1, D2, L, PE, N | 91.952.4453.0 | 50 |
| light blue (50 V, 10 A) | Code 3 | 1, 2, 3, 4, 5 | 91.952.4353.0 | 50 |

Male connector
GST15i5S S1 ZR 1

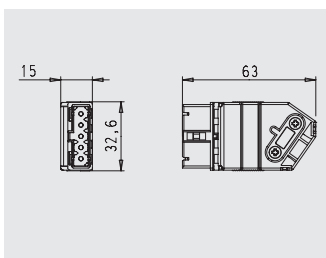
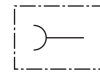


5 pole, cable diameter 6.0 – 11.5 mm, unassembled, angled cable entry



| Color | Coding | Part No. | P. U. | Price |
|-------------------------|--------|------------------|---------------|-------|
| white | Code 1 | N, PE, 1, 2, 3 | 91.951.3053.0 | 50 |
| black | | | 91.951.3053.1 | 50 |
| pastel blue | Code 2 | N, PE, L, D2, D1 | 91.951.3453.0 | 50 |
| light blue (50 V, 10 A) | Code 3 | 5, 4, 3, 2, 1 | 91.951.3353.0 | 50 |

Female connector
GST15i5S B1 ZW1



| Color | Coding | Part No. | P. U. | Price |
|-------------------------|--------|------------------|---------------|-------|
| white | Code 1 | 3, 2, 1, PE, N | 91.952.3053.0 | 50 |
| black | | | 91.952.3053.1 | 50 |
| pastel blue | Code 2 | D1, D2, L, PE, N | 91.952.3453.0 | 50 |
| light blue (50 V, 10 A) | Code 3 | 1, 2, 3, 4, 5 | 91.952.3353.0 | 50 |

Male connector
GST15i5S S1 Z2 W1




Snap-in with screw connection



Wire cross-section
solid/fine-stranded: 0.5 – 2.5 mm²
Rated voltage: 250 V / 400 V
Rated current: 16 A
Rated impulse voltage: 4 kV

Protection rating:
Approvals:
Screw connection:
Locking device:
Wire stripping length:

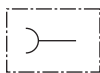
IP20

 1 connection per pole, without ferrule
 integrated
 8 mm

2 pole

Female connector
GST15i2S B1



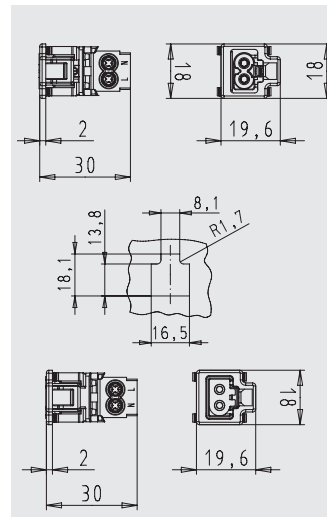
| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|----------|---------------|-------|
| white | Code 1 | N, L | 91.921.9053.0 | 100 |
| black | | | 91.921.9053.1 | 100 |
| pastel blue (6 A) | Code 2 | D2, D1 | 91.921.9453.0 | 100 |
| light blue (50 V) | Code 3 | 2, 1 | 91.921.9353.0 | 100 |



Male connector
GST15i2S S1 R



| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|----------|---------------|-------|
| white | Code 1 | L, N | 91.922.9053.0 | 100 |
| black | | | 91.922.9053.1 | 100 |
| pastel blue (6 A) | Code 2 | D1, D2 | 91.922.9453.0 | 100 |
| light blue (50 V) | Code 3 | 1, 2 | 91.922.9353.0 | 100 |

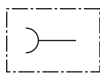


3 pole, protruding, not pluggable, with flush-mounted snap-ins

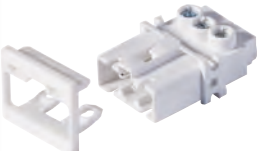
Female connector
GST15i3S B1 U



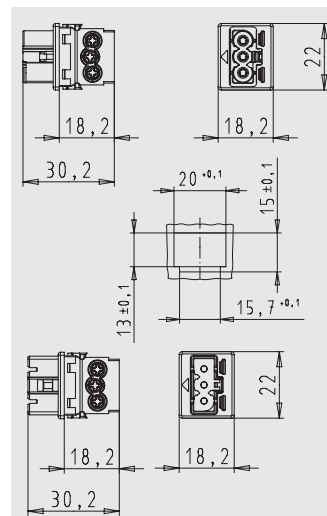
| Color | Coding | Part No. | P. U. | Price |
|-------|--------|----------|---------------|-------|
| white | Code 1 | N, PE, L | 91.931.9153.0 | 100 |
| black | | | 91.931.9153.1 | 100 |



Male connector
GST15i3S S1 U



| Color | Coding | Part No. | P. U. | Price |
|-------|--------|----------|---------------|-------|
| white | Code 1 | L, PE, N | 91.932.9153.0 | 100 |
| black | | | 91.932.9153.1 | 100 |

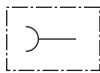


3 pole, flush-mounted

Female connector
GST15i3S B1 R



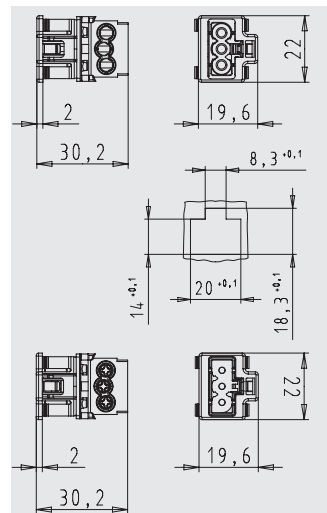
| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|----------|---------------|-------|
| white | Code 1 | N, PE, L | 91.931.9053.0 | 100 |
| black | | | 91.931.9053.1 | 100 |
| brown (oxide red) | Code 2 | 3, 2, 1 | 91.931.9853.0 | 100 |



Male connector
GST15i3S S1 R




| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|----------|---------------|-------|
| white | Code 1 | L, PE, N | 91.932.9053.0 | 100 |
| black | | | 91.932.9053.1 | 100 |
| brown (oxide red) | Code 2 | 1, 2, 3 | 91.932.9853.0 | 100 |



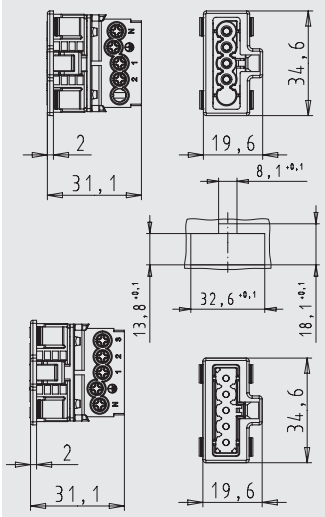
Snap-in with screw connection

Wire cross-section
solid/fine-stranded: 0.5 – 2.5 mm²
Rated voltage: 250V / 400V
Rated current: 16 A
Rated impulse voltage: 4 kV

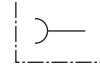
Protection rating:
Approvals:
Screw connection:
Locking device:
Wire stripping length:

IP20

 1 connection per pole, without ferrule
 integrated
 8 mm

4 pole



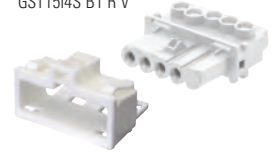
| Color | Coding | Part No. | P. U. | Price |
|-------|--------|-------------|---------------|-------|
| white | Code 1 | N, PE, 1, 2 | 91.941.9053.0 | 100 |
| black | | | 91.941.9053.1 | 100 |



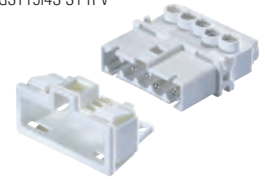
| Color | Coding | Part No. | P. U. | Price |
|-------|--------|-------------|---------------|-------|
| white | Code 1 | 2, 1, PE, N | 91.942.9053.0 | 100 |
| black | | | 91.942.9053.1 | 100 |



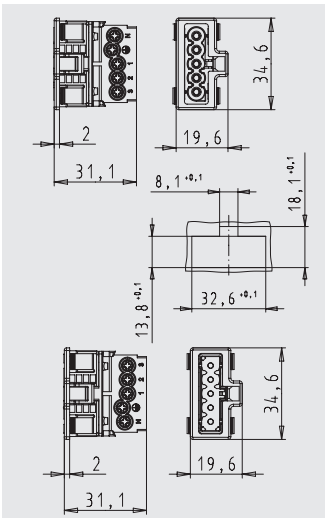
Female connector
GST15i4S B1 R V



Male connector
GST15i4S S1 R V



5 pole



| Color | Coding | Part No. | P. U. | Price |
|-------------------------|--------|------------------|---------------|-------|
| white | Code 1 | N, PE, 1, 2, 3 | 91.951.9053.0 | 100 |
| black | | | 91.951.9053.1 | 100 |
| pastel blue | Code 2 | N, PE, L, D2, D1 | 91.951.9453.0 | 100 |
| light blue (50 V, 10 A) | Code 3 | 5, 4, 3, 2, 1 | 91.951.9353.0 | 100 |



| Color | Coding | Part No. | P. U. | Price |
|-------------------------|--------|------------------|---------------|-------|
| white | Code 1 | 3, 2, 1, PE, N | 91.952.9053.0 | 100 |
| black | | | 91.952.9053.1 | 100 |
| pastel blue | Code 2 | D1, D2, L, PE, N | 91.952.9453.0 | 100 |
| light blue (50 V, 10 A) | Code 3 | 1, 2, 3, 4, 5 | 91.952.9353.0 | 100 |



Female connector
GST15i5S B1 R S



Male connector
GST15i5S S1 R



GST15i4

GST15i5

Solder connector, vertical, with fastening flange

Rated voltage: 250 V or 250 / 400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Approvals:
 Plug direction:
 Fixation:
 Solder paste mask:
 Locking device:

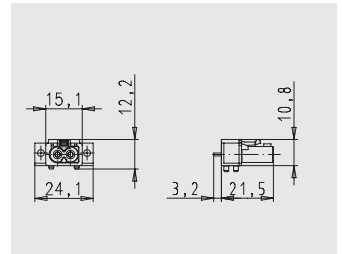
 
 straight
 Fastening flange
 see Technical Data
 integrated

2 pole, solder pin length = 3.2 mm

Female connector
 GST15i2 LB1 VB



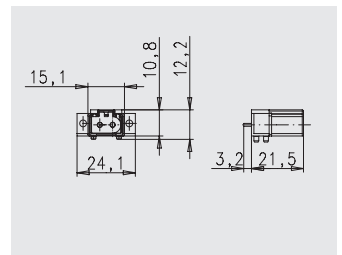
| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|----------|---------------|-------|
| white | Code 1 | N, L | 91.021.0153.0 | 100 |
| black | | | 91.021.0153.1 | 100 |
| pastel blue (6 A) | Code 2 | D2, D1 | 91.021.0353.0 | 100 |
| light blue (50 V) | Code 3 | 2, 1 | 91.021.0553.0 | 100 |



Male connector
 GST15i2 LS1 VB

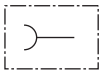


| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|----------|---------------|-------|
| white | Code 1 | L, N | 91.022.0153.0 | 100 |
| black | | | 91.022.0153.1 | 100 |
| pastel blue (6 A) | Code 2 | D1, D2 | 91.022.0353.0 | 100 |
| light blue (50 V) | Code 3 | 1, 2 | 91.022.0553.0 | 100 |

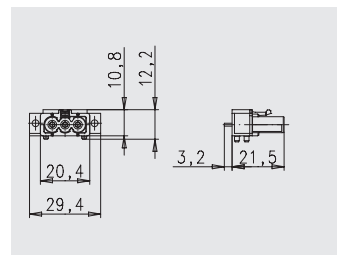


3 pole, solder pin length = 3.2 mm

Female connector
 GST15i3 LB1 VB



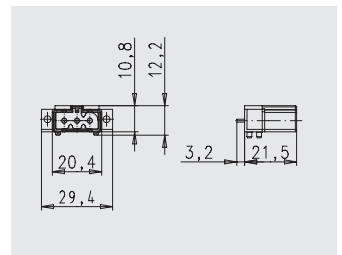
| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|----------|---------------|-------|
| white | Code 1 | N, PE, L | 91.031.0153.0 | 100 |
| black | | | 91.031.0153.1 | 100 |
| brown (oxide red) | Code 4 | 3, 2, 1 | 91.031.0753.0 | 100 |



Male connector
 GST15i3 LS1 VB

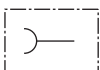


| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|----------|---------------|-------|
| white | Code 1 | L, PE, N | 91.032.0153.0 | 100 |
| black | | | 91.032.0153.1 | 100 |
| brown (oxide red) | Code 4 | 1, 2, 3 | 91.032.0753.0 | 100 |

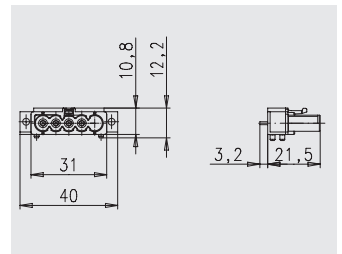


4 pole, solder pin length = 3.2 mm

Female connector
 GST15i4S L B1 VB



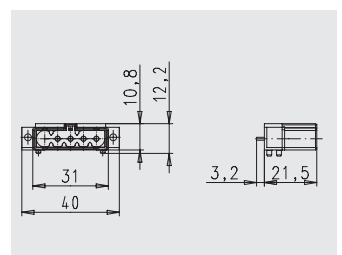
| Color | Coding | Part No. | P. U. | Price |
|-------|--------|-------------|---------------|-------|
| white | Code 1 | N, PE, 1, 2 | 91.041.0153.0 | 100 |
| black | | | 91.041.0153.1 | 100 |



Male connector
 GST15i4S L S1 VB



| Color | Coding | Part No. | P. U. | Price |
|-------|--------|-------------|---------------|-------|
| white | Code 1 | 2, 1, PE, N | 91.042.0153.0 | 100 |
| black | | | 91.042.0153.1 | 100 |



GST15i2

GST15i3

GST15i4

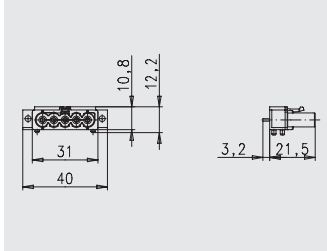
Solder connector, vertical, with fastening flange

Rated voltage: 250 V or 250 / 400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Approvals:
 Installation position:
 Fixation:
 Solder paste mask:
 Locking device:

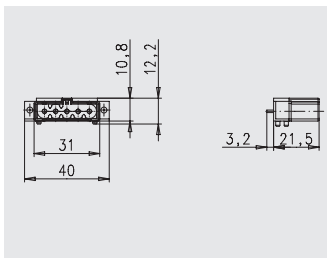
 **vertical**
Fastening flange
 see Technical Data
 integrated

5 pole, solder pin length = 3.2 mm



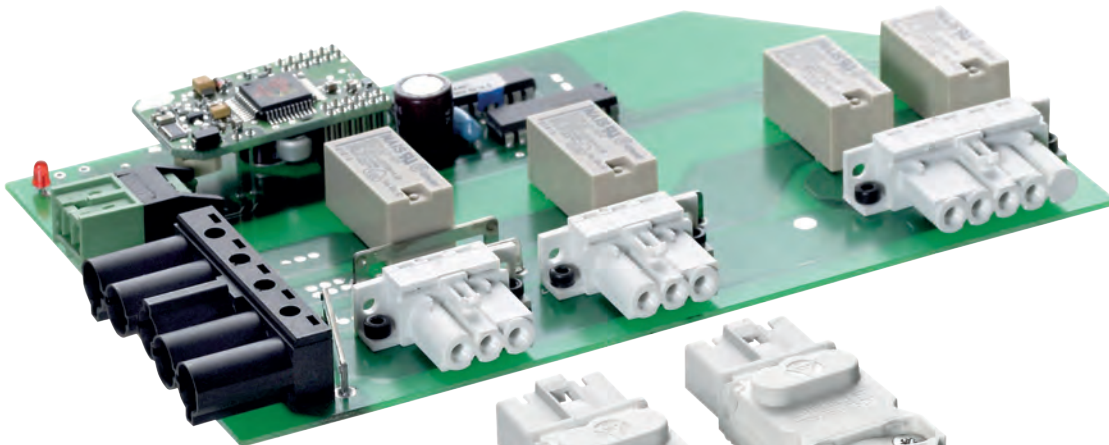
| Color | Coding | Part No. | P. U. | Price |
|-------------------------|--------|------------------|---------------|-------|
| white | Code 1 | N, PE, 1, 2, 3 | 91.051.0153.0 | 100 |
| black | | | 91.051.0153.1 | 100 |
| pastel blue | Code 2 | N, PE, L, D2, D1 | 91.051.0353.0 | 100 |
| light blue (50 V, 10 A) | Code 3 | 5, 4, 3, 2, 1 | 91.051.0553.0 | 100 |

Female connector
 GST15i5L B1 VB



| Color | Coding | Part No. | P. U. | Price |
|-------------------------|--------|------------------|---------------|-------|
| white | Code 1 | 3, 2, 1, PE, N | 91.052.0153.0 | 100 |
| black | | | 91.052.0153.1 | 100 |
| pastel blue | Code 2 | D1, D2, L, PE, N | 91.052.0353.0 | 100 |
| light blue (50 V, 10 A) | Code 3 | 1, 2, 3, 4, 5 | 91.052.0553.0 | 100 |


Male connector
 GST15i5L S1 VB



Solder connectors, vertical

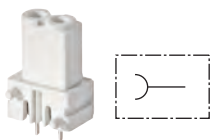
Rated voltage: 250 V or 250 / 400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Approvals:
 Installation position:
 Fixation:
 Solder paste mask:
 Locking device:

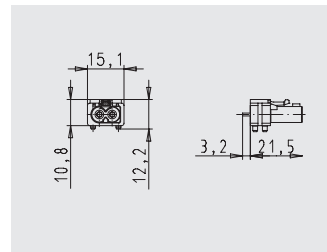
 **vertical**
at the housing
 see Technical Data
 integrated

2 pole, solder pin length = 3.2 mm

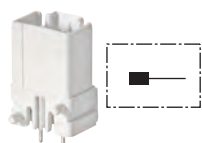
Female connector
 GST15i2 LB1 V



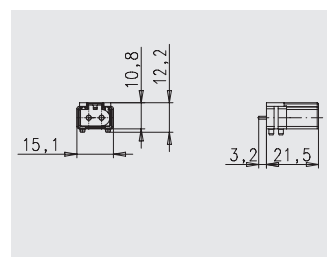
| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|----------|---------------|-------|
| white | Code 1 | N, L | 91.021.0053.0 | 100 |
| black | | | 91.021.0053.1 | 100 |
| pastel blue (6 A) | Code 2 | D2, D1 | 91.021.0253.0 | 100 |
| light blue (50 V) | Code 3 | 2, 1 | 91.021.0453.0 | 100 |



Male connector
 GST15i2 LS1 V

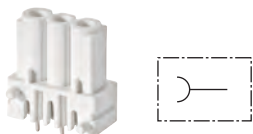


| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|----------|---------------|-------|
| white | Code 1 | L, N | 91.022.0053.0 | 100 |
| black | | | 91.022.0053.1 | 100 |
| pastel blue (6 A) | Code 2 | D1, D2 | 91.022.0253.0 | 100 |
| light blue (50 V) | Code 3 | 1, 2 | 91.022.0453.0 | 100 |

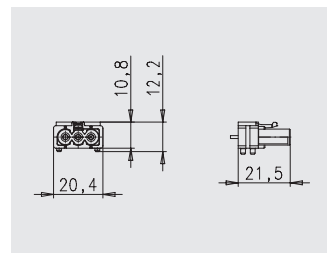


3 pole, solder pin length = 3.2 mm

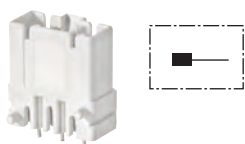
Female connector
 GST15i3 LB1 V



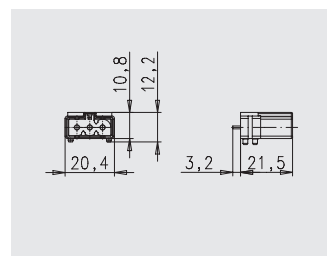
| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|----------|---------------|-------|
| white | Code 1 | N, PE, L | 91.031.0053.0 | 100 |
| black | | | 91.031.0053.1 | 100 |
| brown (oxide red) | Code 4 | 3, 2, 1 | 91.031.0653.0 | 100 |



Male connector
 GST15i3 LS1 V

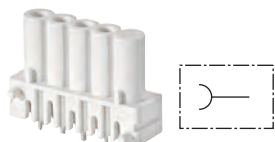


| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|----------|---------------|-------|
| white | Code 1 | L, PE, N | 91.032.0053.0 | 100 |
| black | | | 91.032.0053.1 | 100 |
| brown (oxide red) | Code 4 | 1, 2, 3 | 91.032.0653.0 | 100 |

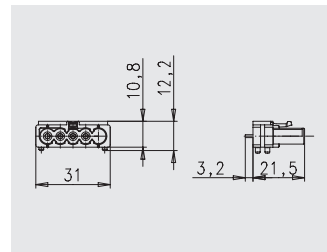


4 pole, solder pin length = 3.2 mm

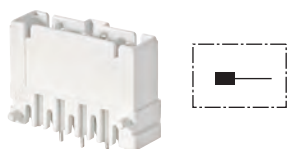
Female connector
 GST15i4S L B1 V



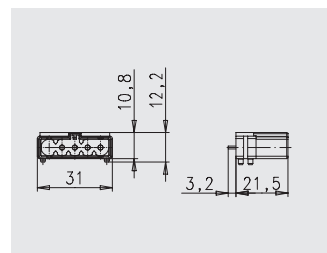
| Color | Coding | Part No. | P. U. | Price |
|-------|--------|-------------|---------------|-------|
| white | Code 1 | N, PE, 1, 2 | 91.041.0053.0 | 100 |
| black | | | 91.041.0053.1 | 100 |



Male connector
 GST15i4S L S1 V



| Color | Coding | Part No. | P. U. | Price |
|-------|--------|-------------|---------------|-------|
| white | Code 1 | 2, 1, PE, N | 91.042.0053.0 | 100 |
| black | | | 91.042.0053.1 | 100 |



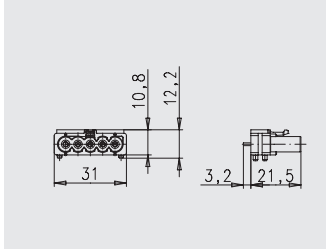
Solder connectors, vertical

Rated voltage: 250 V or 250 / 400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Approvals:
 Plug direction:
 Fixation:
 Solder paste mask:
 Locking device:

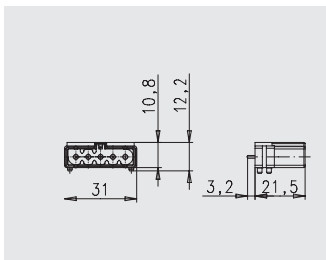
 **straight**
at the housing
see Technical Data
integrated

5 pole, solder pin length = 3.2 mm



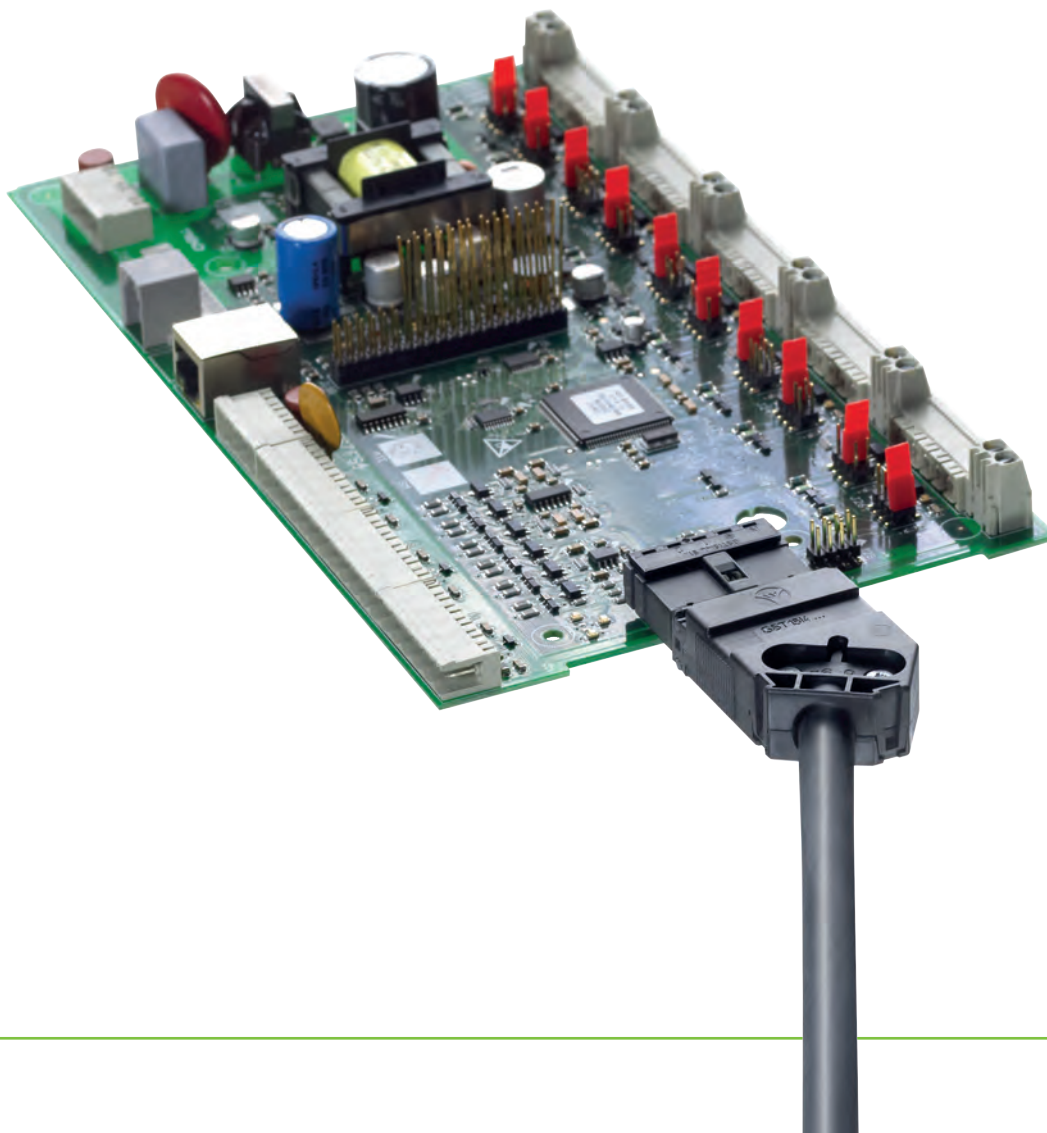
| Color | Coding | Part No. | P. U. | Price |
|-------------------------|--------|------------------|---------------|-------|
| white | Code 1 | N, PE, 1, 2, 3 | 91.051.0053.0 | 100 |
| black | | | 91.051.0053.1 | 100 |
| pastel blue | Code 2 | N, PE, L, D2, D1 | 91.051.0253.0 | 100 |
| light blue (50 V, 10 A) | Code 3 | 5, 4, 3, 2, 1 | 91.051.0453.0 | 100 |

Female connector
 GST15i5L B1 V



| Color | Coding | Part No. | P. U. | Price |
|-------------------------|--------|------------------|---------------|-------|
| white | Code 1 | 3, 2, 1, PE, N | 91.052.0053.0 | 100 |
| black | | | 91.052.0053.1 | 100 |
| pastel blue | Code 2 | D1, D2, L, PE, N | 91.052.0253.0 | 100 |
| light blue (50 V, 10 A) | Code 3 | 1, 2, 3, 4, 5 | 91.052.0453.0 | 100 |



Male connector
 GST15i5L S1 V



Solder connector, horizontal, with fastening flange

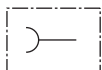
Rated voltage: 250 V or 250 / 400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Approvals:
 Installation position:
 Fixation:
 Solder paste mask:
 Locking device:

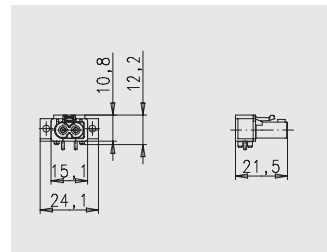
 
 horizontal
 Fastening flange and studs
 see Technical Data
 integrated

2 pole, solder pin length = 3.2 mm

Female connector
 GST15i2 LB1 HB



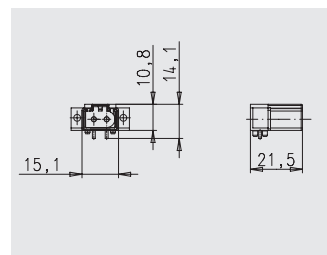
| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|----------|---------------|-------|
| white | Code 1 | N, L | 91.023.0153.0 | 100 |
| black | | | 91.023.0153.1 | 100 |
| pastel blue (6 A) | Code 2 | D2, D1 | 91.023.0353.0 | 100 |
| light blue (50 V) | Code 3 | 2, 1 | 91.023.0553.0 | 100 |



Male connector
 GST15i2 LS1 HB

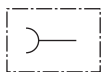


| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|----------|---------------|-------|
| white | Code 1 | L, N | 91.024.0153.0 | 100 |
| black | | | 91.024.0153.1 | 100 |
| pastel blue (6 A) | Code 2 | D1, D2 | 91.024.0353.0 | 100 |
| light blue (50 V) | Code 3 | 1, 2 | 91.024.0553.0 | 100 |

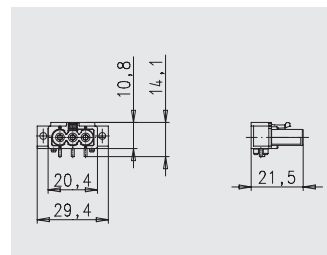


3 pole, solder pin length = 3.2 mm

Female connector
 GST15i3 LB1 HB



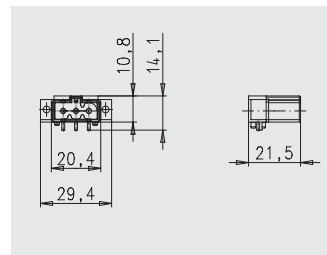
| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|----------|---------------|-------|
| white | Code 1 | N, PE, L | 91.033.0153.0 | 100 |
| black | | | 91.033.0153.1 | 100 |
| brown (oxide red) | Code 4 | 3, 2, 1 | 91.033.0753.0 | 100 |



Male connector
 GST15i3 LS1 HB

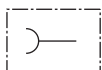


| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|----------|---------------|-------|
| white | Code 1 | L, PE, N | 91.034.0153.0 | 100 |
| black | | | 91.034.0153.1 | 100 |
| brown (oxide red) | Code 4 | 1, 2, 3 | 91.034.0753.0 | 100 |

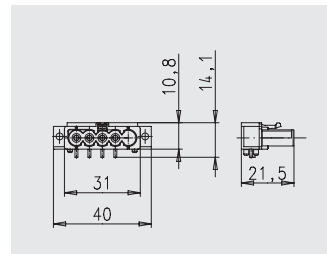


4 pole, solder pin length = 3.2 mm

Female connector
 GST15i4S LB1 HB



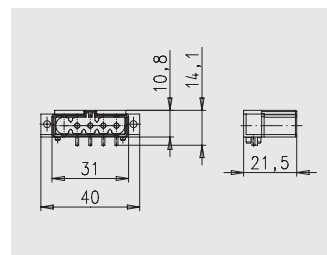
| Color | Coding | Part No. | P. U. | Price |
|-------|--------|-------------|---------------|-------|
| white | Code 1 | N, PE, 1, 2 | 91.043.0153.0 | 100 |
| black | | | 91.043.0153.1 | 100 |



Male connector
 GST15i4 L S1 HB



| Color | Coding | Part No. | P. U. | Price |
|-------|--------|-------------|---------------|-------|
| white | Code 1 | 2, 1, PE, N | 91.044.0153.0 | 100 |
| black | | | 91.044.0153.1 | 100 |



GST15i2

GST15i3

GST15i4

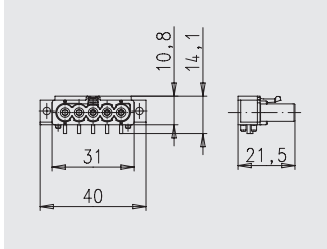
Solder connector, horizontal, with fastening flange

Rated voltage: 250 V or 250 / 400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Approvals:
 Installation position:
 Fixation:
 Solder paste mask:
 Locking device:

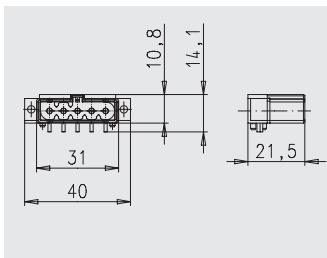
 **horizontal**
Fastening flange and studs
 see Technical Data
integrated

5 pole, solder pin length = 3.2 mm



| Color | Coding | Part No. | P. U. | Price |
|-------------------------|--------|------------------|---------------|-------|
| white | Code 1 | N, PE, 1, 2, 3 | 91.053.0153.0 | 100 |
| black | | | 91.053.0153.1 | 100 |
| pastel blue | Code 2 | N, PE, L, D2, D1 | 91.053.0353.0 | 100 |
| light blue (50 V, 10 A) | Code 3 | 5, 4, 3, 2, 1 | 91.053.0553.0 | 100 |

Female connector
 GST15i5 L B1 HB



| Color | Coding | Part No. | P. U. | Price |
|-------------------------|--------|----------------|---------------|-------|
| white | Code 1 | 3, 2, 1, PE, N | 91.054.0153.0 | 100 |
| black | | | 91.054.0153.1 | 100 |
| pastel blue | Code 2 | | 91.054.0353.0 | 100 |
| light blue (50 V, 10 A) | Code 3 | 1, 2, 3, 4, 5 | 91.054.0553.0 | 100 |

Male connector
 GST15i5L S1 HB





GST15i5

Solder connectors, horizontal

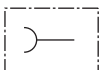
Rated voltage: 250 V or 250 / 400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Approvals:
 Installation position:
 Fixation:
 Solder paste mask:
 Locking device:

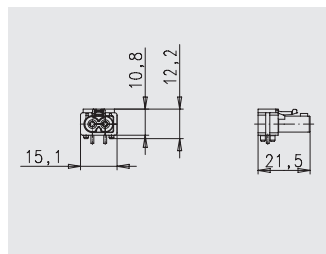
 
horizontal
Studs
 see Technical Data
 integrated

2 pole, solder pin length = 3.2 mm

Female connector
 GST15i2 LB1 H



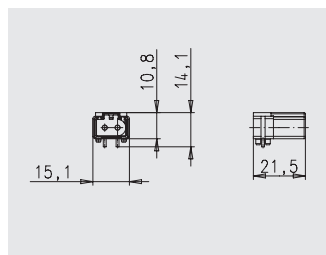
| Color | Coding | Part No. | P. U. | Price |
|-------------------|---------------|---------------|-------|-------|
| white | Code 1 N, L | 91.023.0053.0 | 100 | |
| black | | 91.023.0053.1 | 100 | |
| pastel blue (6 A) | Code 2 D2, D1 | 91.023.0253.0 | 100 | |
| light blue (50 V) | Code 3 2, 1 | 91.023.0453.0 | 100 | |



Male connector
 GST15i2 LS1 H

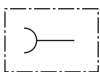


| Color | Coding | Part No. | P. U. | Price |
|-------------------|---------------|---------------|-------|-------|
| white | Code 1 L, N | 91.024.0053.0 | 100 | |
| black | | 91.024.0053.1 | 100 | |
| pastel blue (6 A) | Code 2 D1, D2 | 91.024.0253.0 | 100 | |
| light blue (50 V) | Code 3 1, 2 | 91.024.0453.0 | 100 | |

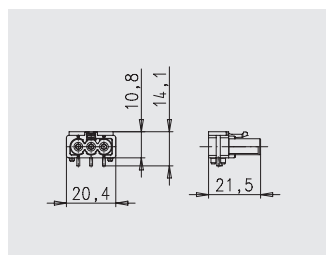


3 pole, solder pin length = 3.2 mm

Female connector
 GST15i3 LB1 H



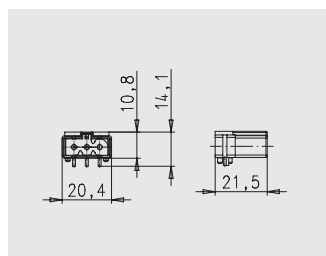
| Color | Coding | Part No. | P. U. | Price |
|-------------------|-----------------|---------------|-------|-------|
| white | Code 1 N, PE, L | 91.033.0053.0 | 100 | |
| black | | 91.033.0053.1 | 100 | |
| brown (oxide red) | Code 4 3, 2, 1 | 91.033.0653.0 | 100 | |



Male connector
 GST15i3 LS1 H

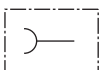


| Color | Coding | Part No. | P. U. | Price |
|-------------------|-----------------|---------------|-------|-------|
| white | Code 1 L, PE, N | 91.034.0053.0 | 100 | |
| black | | 91.034.0053.1 | 100 | |
| brown (oxide red) | Code 4 1, 2, 3 | 91.034.0653.0 | 100 | |

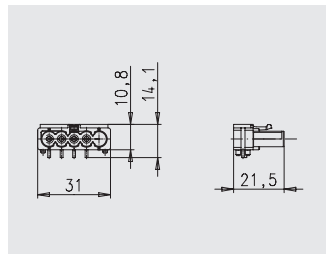


4 pole, solder pin length = 3.2 mm

Female connector
 GST15i4 L B1 H



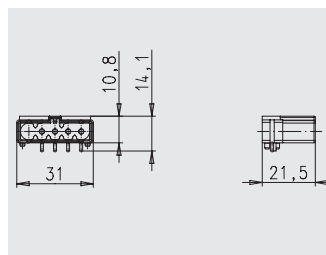
| Color | Coding | Part No. | P. U. | Price |
|-------|--------------------|---------------|-------|-------|
| white | Code 1 N, PE, 1, 2 | 91.043.0053.0 | 100 | |
| black | | 91.043.0053.1 | 100 | |



Male connector
 GST15i4 L S1 H



| Color | Coding | Part No. | P. U. | Price |
|-------|--------------------|---------------|-------|-------|
| white | Code 1 2, 1, PE, N | 91.044.0053.0 | 100 | |
| black | | 91.044.0053.1 | 100 | |



GST15i2


GST15i3

GST15i4

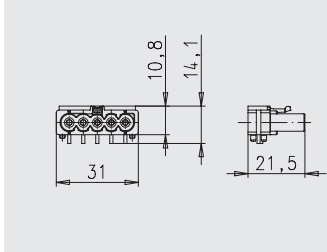
Solder connectors, horizontal

Rated voltage: 250 V or 250 / 400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Approvals:
 Installation position:
 Fixation:
 Solder paste mask:
 Locking device:

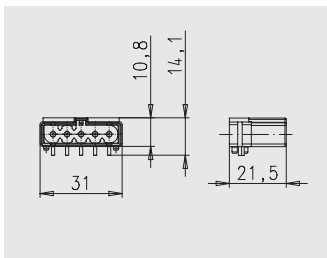
 **horizontal**
Studs
 see Technical Data
 integrated

5 pole, solder pin length = 3.2 mm



| Color | Coding | Part No. | P. U. | Price |
|-------------------------|--------|------------------|---------------|-------|
| white | Code 1 | N, PE, 1, 2, 3 | 91.053.0053.0 | 100 |
| black | | | 91.053.0053.1 | 100 |
| pastel blue | Code 2 | N, PE, L, D2, D1 | 91.053.0253.0 | 100 |
| light blue (50 V, 10 A) | Code 3 | 5, 4, 3, 2, 1 | 91.053.0453.0 | 100 |

Female connector
 GST15i5 LB1 H



| Color | Coding | Part No. | P. U. | Price |
|-------------------------|--------|------------------|---------------|-------|
| white | Code 1 | 3, 2, 1, PE, N | 91.054.0053.0 | 100 |
| black | | | 91.054.0053.1 | 100 |
| pastel blue | Code 2 | D1, D2, L, PE, N | 91.054.0253.0 | 100 |
| light blue (50 V, 10 A) | Code 3 | 1, 2, 3, 4, 5 | 91.054.0453.0 | 100 |

Male connector
 GST15i5 LS1 H



GST15i5

Distribution units

Rated voltage: 250 V or 250 / 400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

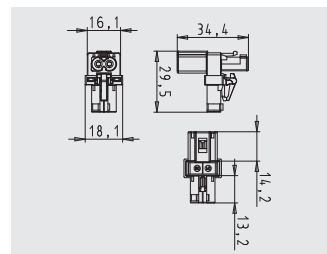
Approvals: 
 Locking device: integrated
 Mounting plates: see Accessories

2 pole, T distributor

T distributor
GST15i2



| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|----------|---------------|-------|
| white | Code 1 | L, N | 91.020.1053.0 | 100 |
| black | Code 1 | L, N | 91.020.1053.1 | 100 |
| pastel blue (6 A) | Code 2 | D1, D2 | 91.020.1253.0 | 100 |
| light blue (50 V) | Code 3 | 1, 2 | 91.020.1453.0 | 100 |

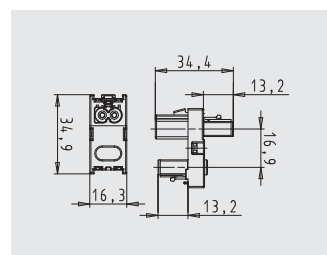


2 pole, h distributor with mounting option

h distributor
GST15i2 V 2P1 H



| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|----------|---------------|-------|
| white | Code 1 | L, N | 91.020.7053.0 | 100 |
| black | Code 1 | L, N | 91.020.7053.1 | 100 |
| pastel blue (6 A) | Code 2 | D1, D2 | 91.020.7153.0 | 100 |
| light blue (50 V) | Code 3 | 1, 2 | 91.020.7253.0 | 100 |

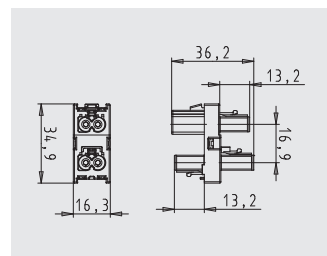


2 pole, H distributor with mounting option

H distributor
GST15i2 V 3P1 H

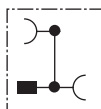


| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|----------|---------------|-------|
| white | Code 1 | L, N | 91.020.4953.0 | 100 |
| black | Code 1 | L, N | 91.020.4953.1 | 100 |
| pastel blue (6 A) | Code 2 | D1, D2 | 91.020.5053.0 | 100 |
| light blue (50 V) | Code 3 | 1, 2 | 91.020.5153.0 | 100 |

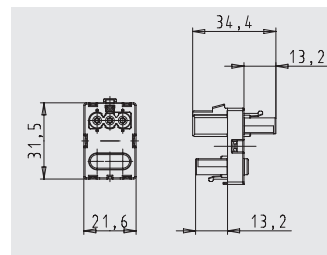


3 pole, h distributor with mounting option

h distributor
GST15i3 V 2P1 H

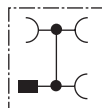


| Color | Coding | Outputs | Part No. | P. U. | Price |
|-------|--------|---------|---------------|-------|-------|
| white | Code 1 | 2 | 91.030.6053.0 | 100 | |
| black | Code 1 | 2 | 91.030.6053.1 | 100 | |

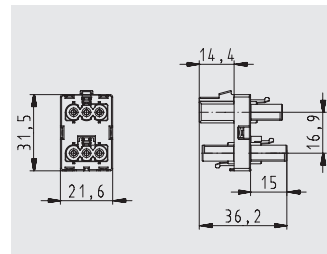


3 pole, H distributor with mounting option

H distributor
GST15i3 V 3P1 H

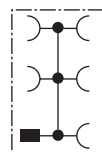


| Color | Coding | Outputs | Part No. | P. U. | Price |
|-------|--------|---------|---------------|-------|-------|
| white | Code 1 | 3 | 91.030.4953.0 | 100 | |
| black | Code 1 | 3 | 91.030.4953.1 | 100 | |

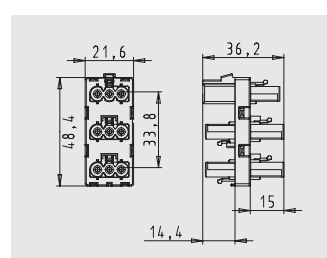


3 pole, HH distributor with mounting option

HH distributor
GST18i3V 5P1 F V



| Color | Coding | Outputs | Part No. | P. U. | Price |
|-------|--------|---------|---------------|-------|-------|
| white | Code 1 | 5 | 91.030.5253.0 | 100 | |
| black | Code 1 | 5 | 91.030.5253.1 | 100 | |

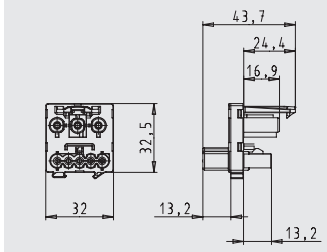


Distribution units, intermediate couplings

Rated voltage: 250 V or 250 / 400 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

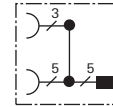
Approvals: 
 Locking device: integrated

5 pole, without mounting option, transition from GST15i5 to GST18i3

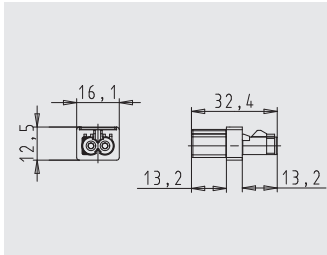


| Color | Coding | Tapping | Part No. | P. U. | Price |
|-------|--------|---------|---------------|-------|-------|
| white | Code 1 | L1 | 91.050.3151.0 | 100 | |
| white | Code 1 | L2 | 91.050.3251.0 | 100 | |
| white | Code 1 | L3 | 91.050.3351.0 | 100 | |

Distribution unit



2 pole, intermediate coupling, locking device for one side

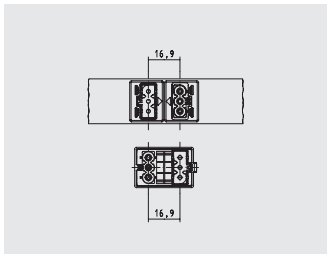


| Color | Coding | Part No. | P. U. | Price |
|-------------------|--------|---------------|---------------|-------|
| white | Code 1 | 91.020.5953.0 | 100 | |
| black | Code 1 | 91.020.5953.1 | 100 | |
| pastel blue (6 A) | Code 2 | 91.020.6053.0 | 100 | |
| light blue (50 V) | Code 3 | 1, 2 | 91.020.6153.0 | 100 |

Intermediate coupling
GST15Z2 1P1



3 pole, U-piece

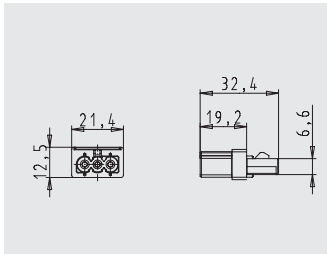


| Color | Coding | Part No. | P. U. | Price |
|-------|--------|---------------|-------|-------|
| white | Code 1 | 91.030.5853.0 | 100 | |
| black | Code 1 | 91.030.5853.1 | 100 | |

Intermediate coupling
GST15i3Z 1P1U



3 pole, intermediate coupling, locking device for one side

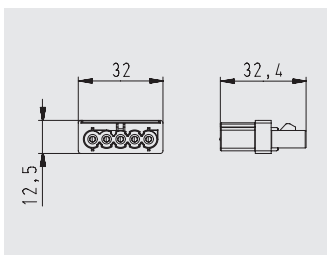


| Color | Coding | Part No. | P. U. | Price |
|-------|--------|---------------|-------|-------|
| white | Code 1 | 91.030.5953.0 | 100 | |
| black | Code 1 | 91.030.5953.1 | 100 | |

Intermediate coupling
GST15i3Z 1P1

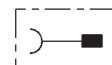
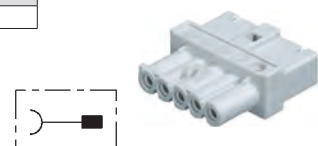


5 pole, intermediate coupling, locking device for one side



| Color | Coding | Outputs | Part No. | P. U. | Price |
|-------------|--------|---------|---------------|-------|-------|
| white | Code 1 | 1 | 91.050.5953.0 | 100 | |
| black | Code 1 | 1 | 91.050.5953.1 | 100 | |
| pastel blue | Code 2 | 1 | 91.050.6053.0 | 100 | |


Intermediate coupling
GST15i5Z P1



GST15i5

GST15i2, i3, i5

Cable assemblies, 2 pole, 1.5 mm²

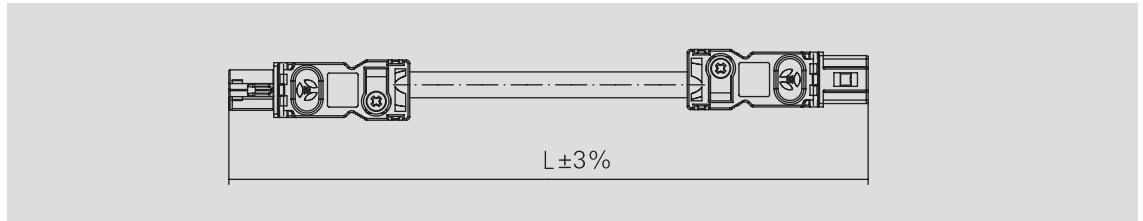
Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 7.5 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, S05Z1Z1-F: halogen-free
 Locking device: integrated

Connecting cables female – male



Power: N = BU
 L = BN
 Dimming: D2 = BU
 D1 = BN



| Cable H05VV-F | | | | | Cable S05Z1Z1-F | | |
|--------------------|----------------|----------|---------------|-------|-----------------|-------|-------|
| Cable black/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| black | Code 1 L, N | 1.0 | 91.222.1000.1 | 100 | 91.222.1060.1 | 100 | |
| | | 2.0 | 91.222.2000.1 | 50 | 91.222.2060.1 | 50 | |
| | | 3.0 | 91.222.3000.1 | 25 | 91.222.3060.1 | 25 | |
| | | 4.0 | 91.222.4000.1 | 25 | 91.222.4060.1 | 25 | |
| | | 5.0 | 91.222.5000.1 | 20 | 91.222.5060.1 | 20 | |
| | | 6.0 | 91.222.6000.1 | 20 | 91.222.6060.1 | 20 | |
| | | 7.0 | 91.222.7000.1 | 15 | 91.222.7060.1 | 15 | |
| | | 8.0 | 91.222.8000.1 | 15 | 91.222.8060.1 | 10 | |

| Cable H05VV-F | | | | | Cable S05Z1Z1-F | | |
|--------------------|----------------|----------|---------------|-------|-----------------|-------|-------|
| Cable white/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| white | Code 1 L, N | 1.0 | 91.222.1000.2 | 100 | 91.222.1060.2 | 100 | |
| | | 2.0 | 91.222.2000.2 | 50 | 91.222.2060.2 | 50 | |
| | | 3.0 | 91.222.3000.2 | 25 | 91.222.3060.2 | 25 | |
| | | 4.0 | 91.222.4000.2 | 25 | 91.222.4060.2 | 25 | |
| | | 5.0 | 91.222.5000.2 | 20 | 91.222.5060.2 | 20 | |
| | | 6.0 | 91.222.6000.2 | 20 | 91.222.6060.2 | 20 | |
| | | 7.0 | 91.222.7000.2 | 15 | 91.222.7060.2 | 15 | |
| | | 8.0 | 91.222.8000.2 | 15 | 91.222.8060.2 | 10 | |


| Cable H05VV-F | | | | | Cable S05Z1Z1-F | | |
|----------------------|------------------|----------|---------------|-------|-----------------|-------|-------|
| Cable white/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| pastel blue (6 A) | Code 2 D1, D2 | 1.0 | 91.222.1000.9 | 100 | 91.222.1060.9 | 100 | |
| | | 2.0 | 91.222.2000.9 | 50 | 91.222.2060.9 | 50 | |
| | | 3.0 | 91.222.3000.9 | 30 | 91.222.3060.9 | 25 | |
| | | 4.0 | 91.222.4000.9 | 25 | 91.222.4060.9 | 25 | |
| | | 5.0 | 91.222.5000.9 | 20 | 91.222.5060.9 | 20 | |
| | | 6.0 | 91.222.6000.9 | 20 | 91.222.6060.9 | 20 | |
| | | 7.0 | 91.222.7000.9 | 15 | 91.222.7060.9 | 20 | |
| | | 8.0 | 91.222.8000.9 | 15 | 91.222.8060.9 | 10 | |

| Cable H05VV-F | | | | | |
|----------------------|----------------|----------|---------------|-------|--|
| Cable white/coding | Length m | Part No. | P. U. | Price | |
| light blue (50 V) | Code 3 1, 2 | 1.0 | 91.222.1000.6 | 100 | |
| | | 2.0 | 91.222.2000.6 | 50 | |
| | | 3.0 | 91.222.3000.6 | 25 | |
| | | 4.0 | 91.222.4000.6 | 25 | |
| | | 5.0 | 91.222.5000.6 | 20 | |
| | | 6.0 | 91.222.6000.6 | 20 | |
| | | 7.0 | 91.222.7000.6 | 15 | |
| | | 8.0 | 91.222.8000.6 | 15 | |

Other cables, other lengths, other codings on request



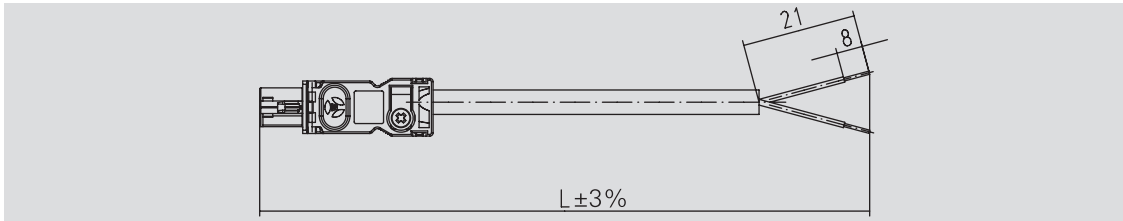
Cable assemblies, 2 pole, 1.5 mm²

Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 7.5 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, S05Z1Z1-F: halogen-free
 Sheath strip length: 21 mm
 Wire stripping length: 8 mm
 Locking device: integrated

Connection cables female – free end

Wire ends ultrason. welded



Power: N = BU
 L = BN
 Dimming: D2 = BU
 D1 = BN

| Cable black/coding | | Cable H05VV-F | | | Cable S05Z1Z1-F | | | |
|--------------------|----------------|---------------|---------------|-------|-----------------|---------------|-------|-------|
| | | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| black | Code 1 N, L | 1.0 | 91.222.1003.1 | 100 | | 91.222.1063.1 | 100 | |
| | | 2.0 | 91.222.2003.1 | 50 | | 91.222.2063.1 | 50 | |
| | | 3.0 | 91.222.3003.1 | 50 | | 91.222.3063.1 | 50 | |
| | | 4.0 | 91.222.4003.1 | 30 | | 91.222.4063.1 | 30 | |
| | | 5.0 | 91.222.5003.1 | 25 | | 91.222.5063.1 | 25 | |
| | | 6.0 | 91.222.6003.1 | 20 | | 91.222.6063.1 | 20 | |
| | | 7.0 | 91.222.7003.1 | 20 | | 91.222.7063.1 | 20 | |
| | | 8.0 | 91.222.8003.1 | 15 | | 91.222.8063.1 | 15 | |

| Cable white/coding | | Cable H05VV-F | | | Cable S05Z1Z1-F | | | |
|--------------------|----------------|---------------|---------------|-------|-----------------|---------------|-------|-------|
| | | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| white | Code 1 N, L | 1.0 | 91.222.1003.2 | 100 | | 91.222.1063.2 | 100 | |
| | | 2.0 | 91.222.2003.2 | 50 | | 91.222.2063.2 | 50 | |
| | | 3.0 | 91.222.3003.2 | 50 | | 91.222.3063.2 | 50 | |
| | | 4.0 | 91.222.4003.2 | 30 | | 91.222.4063.2 | 30 | |
| | | 5.0 | 91.222.5003.2 | 25 | | 91.222.5063.2 | 25 | |
| | | 6.0 | 91.222.6003.2 | 20 | | 91.222.6063.2 | 20 | |
| | | 7.0 | 91.222.7003.2 | 20 | | 91.222.7063.2 | 20 | |
| | | 8.0 | 91.222.8003.2 | 15 | | 91.222.8063.2 | 15 | |

| Cable white/coding | | Cable H05VV-F | | | Cable S05Z1Z1-F | | | |
|----------------------|------------------|---------------|---------------|-------|-----------------|---------------|-------|-------|
| | | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| pastel blue (6 A) | Code 2 D2, D1 | 1.0 | 91.222.1003.9 | 100 | | 91.222.1063.9 | 100 | |
| | | 2.0 | 91.222.2003.9 | 50 | | 91.222.2063.9 | 50 | |
| | | 3.0 | 91.222.3003.9 | 25 | | 91.222.3063.9 | 25 | |
| | | 4.0 | 91.222.4003.9 | 25 | | 91.222.4063.9 | 25 | |
| | | 5.0 | 91.222.5003.9 | 25 | | 91.222.5063.9 | 20 | |
| | | 6.0 | 91.222.6003.9 | 20 | | 91.222.6063.9 | 20 | |
| | | 7.0 | 91.222.7003.9 | 20 | | 91.222.7063.9 | 15 | |
| | | 8.0 | 91.222.8003.9 | 15 | | 91.222.8063.9 | 15 | |


| Cable white/coding | | Cable H05VV-F | | | Cable S05Z1Z1-F | | | |
|----------------------|----------------|---------------|---------------|-------|-----------------|---------------|-------|-------|
| | | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| light blue (50 V) | Code 3 2, 1 | 1.0 | 91.222.1003.6 | 100 | | 91.222.1063.6 | 100 | |
| | | 2.0 | 91.222.2003.6 | 50 | | | | |
| | | 3.0 | 91.222.3003.6 | 25 | | | | |
| | | 4.0 | 91.222.4003.6 | 25 | | | | |
| | | 5.0 | 91.222.5003.6 | 25 | | | | |
| | | 6.0 | 91.222.6003.6 | 20 | | | | |
| | | 7.0 | 91.222.7003.6 | 20 | | | | |
| | | 8.0 | 91.222.8003.6 | 15 | | | | |



Other cables, other lengths, other codings on request

GST15i2

Cable assemblies, 2 pole, 1.5 mm²

Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 7.5 mm

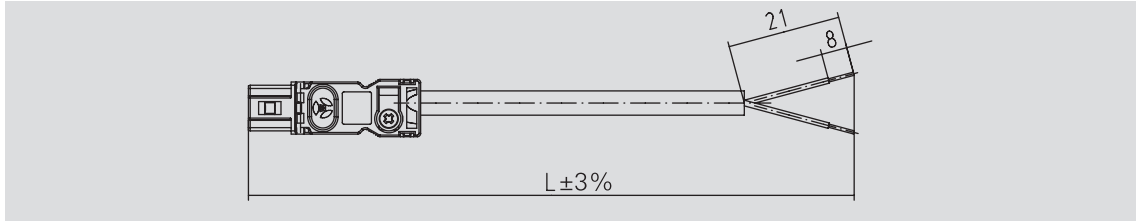
Cable material, H05VV-F: PVC, contains halogen
 Cable material, S05Z1Z1-F: halogen-free
 Sheath strip length: 21 mm
 Wire stripping length: 8 mm
 Locking device: integrated

Connection cable male – free end

Wire ends ultrason. welded



Power: N = BU
 L = BN
 Dimming: D2 = BU
 D1 = BN



| | | Cable H05VV-F | | | | Cable S05Z1Z1-F | | | |
|--------------------|----------------|---------------|---------------|-------|----------|-----------------|-------|--|--|
| Cable black/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price | | |
| black | Code 1 L, N | 1.0 | 91.222.1004.1 | 100 | | 91.222.1064.1 | 100 | | |
| | | 2.0 | 91.222.2004.1 | 50 | | 91.222.2064.1 | 50 | | |
| | | 3.0 | 91.222.3004.1 | 50 | | 91.222.3064.1 | 25 | | |
| | | 4.0 | 91.222.4004.1 | 30 | | 91.222.4064.1 | 30 | | |
| | | 5.0 | 91.222.5004.1 | 25 | | 91.222.5064.1 | 25 | | |
| | | 6.0 | 91.222.6004.1 | 20 | | 91.222.6064.1 | 20 | | |
| | | 7.0 | 91.222.7004.1 | 20 | | 91.222.7064.1 | 20 | | |
| | | 8.0 | 91.222.8004.1 | 15 | | 91.222.8064.1 | 15 | | |

| | | Cable H05VV-F | | | | Cable S05Z1Z1-F | | | |
|--------------------|----------------|---------------|---------------|-------|----------|-----------------|-------|--|--|
| Cable white/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price | | |
| white | Code 1 L, N | 1.0 | 91.222.1004.2 | 100 | | 91.222.1064.2 | 100 | | |
| | | 2.0 | 91.222.2004.2 | 50 | | 91.222.2064.2 | 50 | | |
| | | 3.0 | 91.222.3004.2 | 50 | | 91.222.3064.2 | 50 | | |
| | | 4.0 | 91.222.4004.2 | 30 | | 91.222.4064.2 | 30 | | |
| | | 5.0 | 91.222.5004.2 | 25 | | 91.222.5064.2 | 25 | | |
| | | 6.0 | 91.222.6004.2 | 20 | | 91.222.6064.2 | 20 | | |
| | | 7.0 | 91.222.7004.2 | 20 | | 91.222.7064.2 | 20 | | |
| | | 8.0 | 91.222.8004.2 | 15 | | 91.222.8064.2 | 15 | | |


| | | Cable H05VV-F | | | | Cable S05Z1Z1-F | | | |
|----------------------|------------------|---------------|---------------|-------|----------|-----------------|-------|--|--|
| Cable white/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price | | |
| pastel blue (6 A) | Code 2 D1, D2 | 1.0 | 91.222.1004.9 | 100 | | 91.222.1064.9 | 100 | | |
| | | 2.0 | 91.222.2004.9 | 50 | | 91.222.2064.9 | 50 | | |
| | | 3.0 | 91.222.3004.9 | 30 | | 91.222.3064.9 | 25 | | |
| | | 4.0 | 91.222.4004.9 | 25 | | 91.222.4064.9 | 25 | | |
| | | 5.0 | 91.222.5004.9 | 20 | | 91.222.5064.9 | 25 | | |
| | | 6.0 | 91.222.6004.9 | 20 | | 91.222.6064.9 | 15 | | |
| | | 7.0 | 91.222.7004.9 | 15 | | 91.222.7064.9 | 20 | | |
| | | 8.0 | 91.222.8004.9 | 15 | | 91.222.8064.9 | 10 | | |

| | | Cable H05VV-F | | | |
|----------------------|----------------|---------------|---------------|-------|--|
| Cable white/coding | Length m | Part No. | P. U. | Price | |
| light blue (50 V) | Code 3 1, 2 | 1.0 | 91.222.1004.6 | 100 | |
| | | 2.0 | 91.222.2004.6 | 50 | |
| | | 3.0 | 91.222.3004.6 | 30 | |
| | | 4.0 | 91.222.4004.6 | 25 | |
| | | 5.0 | 91.222.5004.6 | 20 | |
| | | 6.0 | 91.222.6004.6 | 20 | |
| | | 7.0 | 91.222.7004.6 | 15 | |
| | | 8.0 | 91.222.8004.6 | 15 | |

Other cables, other lengths, other codings on request

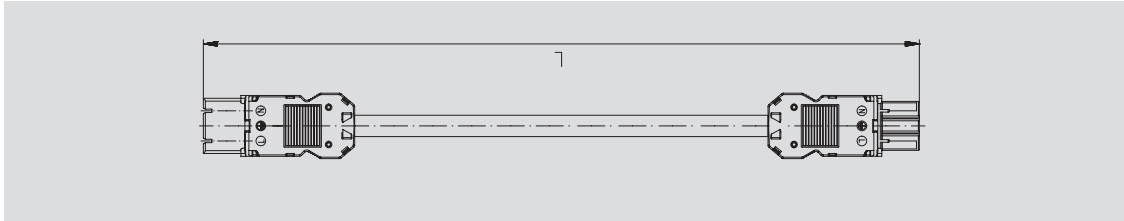


Cable assemblies, 3 pole, 1.5 mm²

Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 8.3 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, S05Z1Z1-F: halogen-free
 Locking device: integrated

Connecting cables female – male



⊕ = GN/YE
 N = BU
 L = BN

| Cable black/coding | | Cable H05VV-F | | | | Cable S05Z1Z1-F | | | |
|--------------------|--------------------|---------------|---------------|----------|-------|-----------------|---------------|-------|-------|
| Length m | Part No. | P. U. | Price | Part No. | P. U. | Price | Part No. | P. U. | Price |
| black | Code 1 L, PE, N | 1.0 | 91.232.1000.1 | 50 | | | 91.232.1060.1 | 50 | |
| | | 2.0 | 91.232.2000.1 | 30 | | | 91.232.2060.1 | 40 | |
| | | 3.0 | 91.232.3000.1 | 25 | | | 91.232.3060.1 | 25 | |
| | | 4.0 | 91.232.4000.1 | 20 | | | 91.232.4060.1 | 25 | |
| | | 5.0 | 91.232.5000.1 | 15 | | | 91.232.5060.1 | 15 | |
| | | 6.0 | 91.232.6000.1 | 15 | | | 91.232.6060.1 | 10 | |
| | | 7.0 | 91.232.7000.1 | 10 | | | 91.232.7060.1 | 10 | |
| | | 8.0 | 91.232.8000.1 | 10 | | | 91.232.8060.1 | 10 | |

| Cable white/coding | | Cable H05VV-F | | | | Cable S05Z1Z1-F | | | |
|--------------------|--------------------|---------------|---------------|----------|-------|-----------------|---------------|-------|-------|
| Length m | Part No. | P. U. | Price | Part No. | P. U. | Price | Part No. | P. U. | Price |
| white | Code 1 L, PE, N | 1.0 | 91.232.1000.2 | 50 | | | 91.232.1060.2 | 50 | |
| | | 2.0 | 91.232.2000.2 | 30 | | | 91.232.2060.2 | 30 | |
| | | 3.0 | 91.232.3000.2 | 25 | | | 91.232.3060.2 | 25 | |
| | | 4.0 | 91.232.4000.2 | 20 | | | 91.232.4060.2 | 25 | |
| | | 5.0 | 91.232.5000.2 | 15 | | | 91.232.5060.2 | 20 | |
| | | 6.0 | 91.232.6000.2 | 15 | | | 91.232.6060.2 | 15 | |
| | | 7.0 | 91.232.7000.2 | 10 | | | 91.232.7060.2 | 10 | |
| | | 8.0 | 91.232.8000.2 | 10 | | | 91.232.8060.2 | 10 | |

| Cable white/coding | | Cable H05VV-F | | | | |
|--------------------|-------------------|---------------|---------------|----------|-------|-------|
| Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| brown (oxide red) | Code 4 1, 2, 3 | 1.0 | 91.232.1000.4 | 50 | | |
| | | 2.0 | 91.232.2000.4 | 30 | | |
| | | 3.0 | 91.232.3000.4 | 25 | | |
| | | 4.0 | 91.232.4000.4 | 20 | | |
| | | 5.0 | 91.232.5000.4 | 15 | | |
| | | 6.0 | 91.232.6000.4 | 15 | | |
| | | 7.0 | 91.232.7000.4 | 10 | | |
| | | 8.0 | 91.232.8000.4 | 10 | | |




1 = SW
 2 = GR
 3 = BN



Other cables, other lengths, other codings on request

Cable assemblies, 3 pole, 1.5 mm²

Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 8.3 mm

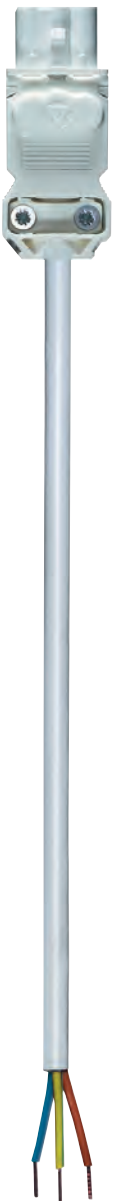
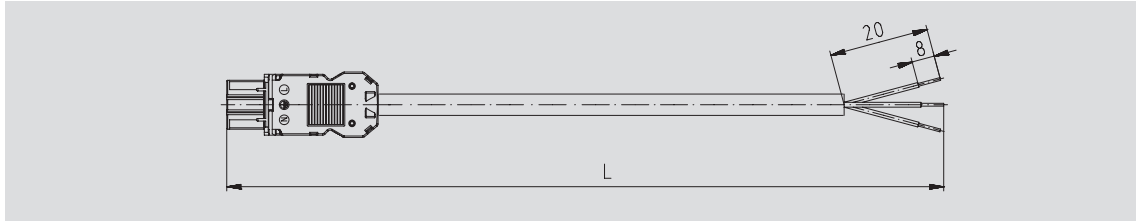
Cable material, H05VV-F: PVC, contains halogen
 Cable material, S05Z1Z1-F: halogen-free
 Sheath strip length: 20 mm
 Wire stripping length: 8 mm
 Locking device: integrated

Connection cables female – free end

Wire ends ultrason. welded



⊕ = GN/YE
 N = BU
 L = BN



| | | Cable H05VV-F | | | | Cable S05Z1Z1-F | | | |
|--------------------|--------------------|---------------|---------------|-------|----------|-----------------|-------|--|--|
| Cable black/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price | | |
| black | Code 1 N, PE, L | 1.0 | 91.232.1003.1 | 50 | | 91.232.1063.1 | 50 | | |
| | | 2.0 | 91.232.2003.1 | 30 | | 91.232.2063.1 | 30 | | |
| | | 3.0 | 91.232.3003.1 | 25 | | 91.232.3063.1 | 25 | | |
| | | 4.0 | 91.232.4003.1 | 25 | | 91.232.4063.1 | 25 | | |
| | | 5.0 | 91.232.5003.1 | 20 | | 91.232.5063.1 | 15 | | |
| | | 6.0 | 91.232.6003.1 | 10 | | 91.232.6063.1 | 10 | | |
| | | 7.0 | 91.232.7003.1 | 10 | | 91.232.7063.1 | 10 | | |
| | | 8.0 | 91.232.8003.1 | 10 | | 91.232.8063.1 | 10 | | |

| | | Cable H05VV-F | | | | Cable S05Z1Z1-F | | | |
|--------------------|--------------------|---------------|---------------|-------|----------|-----------------|-------|--|--|
| Cable white/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price | | |
| white | Code 1 N, PE, L | 1.0 | 91.232.1003.2 | 50 | | 91.232.1063.2 | 50 | | |
| | | 2.0 | 91.232.2003.2 | 30 | | 91.232.2063.2 | 30 | | |
| | | 3.0 | 91.232.3003.2 | 25 | | 91.232.3063.2 | 25 | | |
| | | 4.0 | 91.232.4003.2 | 20 | | 91.232.4063.2 | 20 | | |
| | | 5.0 | 91.232.5003.2 | 15 | | 91.232.5063.2 | 20 | | |
| | | 6.0 | 91.232.6003.2 | 15 | | 91.232.6063.2 | 10 | | |
| | | 7.0 | 91.232.7003.2 | 10 | | 91.232.7063.2 | 10 | | |
| | | 8.0 | 91.232.8003.2 | 10 | | 91.232.8063.2 | 10 | | |

| | | Cable H05VV-F | | | |
|--------------------|-------------------|---------------|---------------|-------|--|
| Cable white/coding | Length m | Part No. | P. U. | Price | |
| brown (oxide red) | Code 4 3, 2, 1 | 1.0 | 91.232.1003.4 | 50 | |
| | | 2.0 | 91.232.2003.4 | 30 | |
| | | 3.0 | 91.232.3003.4 | 25 | |
| | | 4.0 | 91.232.4003.4 | 20 | |
| | | 5.0 | 91.232.5003.4 | 15 | |
| | | 6.0 | 91.232.6003.4 | 15 | |
| | | 7.0 | 91.232.7003.4 | 10 | |
| | | 8.0 | 91.232.8003.4 | 10 | |




1 = BK
 2/N = GY
 3/L = BN

Sheath strip length: 100 mm
 Wire stripping length: 12 mm



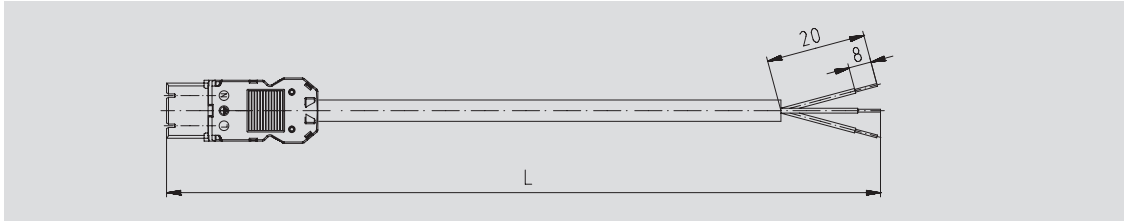
Cable assemblies, 3 pole, 1.5 mm²

Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 8.3 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, S05Z1Z1-F: halogen-free
 Sheath strip length: 20 mm
 Wire stripping length: 8 mm
 Locking device: integrated

Connection cable male – free end

Wire ends ultrason. welded



⊕ = GN/YE
 N = BU
 L = BN

| Cable black/coding | | Cable H05VV-F | | | | Cable S05Z1Z1-F | | | |
|--------------------|--------------------|---------------|---------------|----------|-------|-----------------|---------------|-------|-------|
| Length m | Part No. | P. U. | Price | Part No. | P. U. | Price | Part No. | P. U. | Price |
| black | Code 1 L, PE, N | 1.0 | 91.232.1004.1 | 50 | | | 91.232.1064.1 | 50 | |
| | | 2.0 | 91.232.2004.1 | 30 | | | 91.232.2064.1 | 30 | |
| | | 3.0 | 91.232.3004.1 | 25 | | | 91.232.3064.1 | 25 | |
| | | 4.0 | 91.232.4004.1 | 25 | | | 91.232.4064.1 | 25 | |
| | | 5.0 | 91.232.5004.1 | 20 | | | 91.232.5064.1 | 15 | |
| | | 6.0 | 91.232.6004.1 | 10 | | | 91.232.6064.1 | 10 | |
| | | 7.0 | 91.232.7004.1 | 10 | | | 91.232.7064.1 | 10 | |
| | | 8.0 | 91.232.8004.1 | 10 | | | 91.232.8064.1 | 10 | |

| Cable white/coding | | Cable H05VV-F | | | | Cable S05Z1Z1-F | | | |
|--------------------|--------------------|---------------|---------------|----------|-------|-----------------|---------------|-------|-------|
| Length m | Part No. | P. U. | Price | Part No. | P. U. | Price | Part No. | P. U. | Price |
| white | Code 1 L, PE, N | 1.0 | 91.232.1004.2 | 50 | | | 91.232.1064.2 | 50 | |
| | | 2.0 | 91.232.2004.2 | 30 | | | 91.232.2064.2 | 30 | |
| | | 3.0 | 91.232.3004.2 | 25 | | | 91.232.3064.2 | 25 | |
| | | 4.0 | 91.232.4004.2 | 25 | | | 91.232.4064.2 | 25 | |
| | | 5.0 | 91.232.5004.2 | 15 | | | 91.232.5064.2 | 20 | |
| | | 6.0 | 91.232.6004.2 | 10 | | | 91.232.6064.2 | 15 | |
| | | 7.0 | 91.232.7004.2 | 10 | | | 91.232.7064.2 | 10 | |
| | | 8.0 | 91.232.8004.2 | 10 | | | 91.232.8064.2 | 10 | |

| Cable white/coding | | Cable H05VV-F | | | | |
|--------------------|-------------------|---------------|---------------|----------|-------|-------|
| Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| brown (oxide red) | Code 4 1, 2, 3 | 1.0 | 91.232.1004.4 | 50 | | |
| | | 2.0 | 91.232.2004.4 | 30 | | |
| | | 3.0 | 91.232.3004.4 | 25 | | |
| | | 4.0 | 91.232.4004.4 | 25 | | |
| | | 5.0 | 91.232.5004.4 | 15 | | |
| | | 6.0 | 91.232.6004.4 | 10 | | |
| | | 7.0 | 91.232.7004.4 | 10 | | |
| | | 8.0 | 91.232.8004.4 | 10 | | |



1 = BK
 2/N = GY
 3/L = BN

Sheath strip length: 100 mm
 Wire stripping length: 12 mm



Other cables, other lengths, other codings on request

Cable assemblies, 3 pole, 1.5 mm²

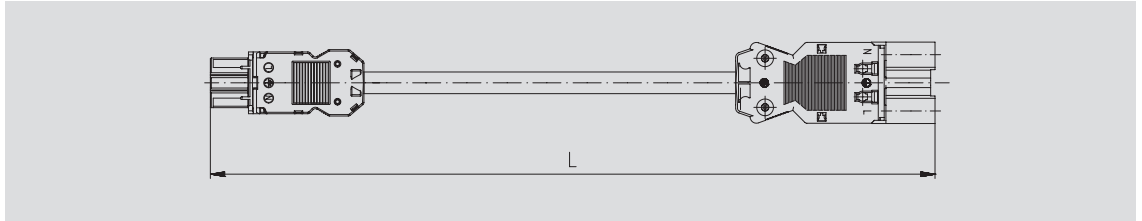
Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:
 Cable diameter: 8.3 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, S05Z1Z1-F: halogen-free
 The use of a locking device is mandatory.
 Locking device for flying leads GST18: see Accessories

Adapter cables female – male
 GST18i3 female – GST15i3 male



⊕ = GN/YE
 N = BU
 L = BN



| | | Cable H05VV-F | | | | Cable S05Z1Z1-F | | |
|--------------------|--------------------|---------------|---------------|-------|----------|-----------------|-------|--|
| Cable black/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price | |
| black | Code 1 L, PE, N | 1.0 | 91.232.1009.1 | 50 | | 91.232.1069.1 | 75 | |
| | | 2.0 | 91.232.2009.1 | 30 | | 91.232.2069.1 | 40 | |
| | | 3.0 | 91.232.3009.1 | 25 | | 91.232.3069.1 | 25 | |
| | | 4.0 | 91.232.4009.1 | 25 | | 91.232.4069.1 | 25 | |
| | | 5.0 | 91.232.5009.1 | 15 | | 91.232.5069.1 | 20 | |
| | | 6.0 | 91.232.6009.1 | 10 | | 91.232.6069.1 | 10 | |
| | | 7.0 | 91.232.7009.1 | 10 | | 91.232.7069.1 | 10 | |
| | | 8.0 | 91.232.8009.1 | 10 | | 91.232.8069.1 | 10 | |

| | | Cable H05VV-F | | | | Cable S05Z1Z1-F | | |
|--------------------|--------------------|---------------|---------------|-------|----------|-----------------|-------|--|
| Cable white/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price | |
| white | Code 1 L, PE, N | 1.0 | 91.232.1009.2 | 50 | | 91.232.1069.2 | 50 | |
| | | 2.0 | 91.232.2009.2 | 40 | | 91.232.2069.2 | 25 | |
| | | 3.0 | 91.232.3009.2 | 25 | | 91.232.3069.2 | 25 | |
| | | 4.0 | 91.232.4009.2 | 25 | | 91.232.4069.2 | 20 | |
| | | 5.0 | 91.232.5009.2 | 20 | | 91.232.5069.2 | 15 | |
| | | 6.0 | 91.232.6009.2 | 15 | | 91.232.6069.2 | 15 | |
| | | 7.0 | 91.232.7009.2 | 10 | | 91.232.7069.2 | 10 | |
| | | 8.0 | 91.232.8009.2 | 10 | | 91.232.8069.2 | 10 | |

Other cables, other lengths, other codings on request

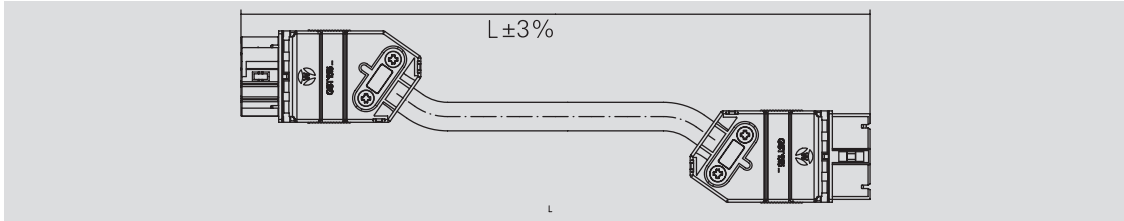


Cable assemblies, 4 pole, 1.5 mm²

Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:
 Cable diameter: 8.3 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05Z1Z1-F: halogen-free
 The use of a locking device is mandatory.
 Locking device for flying leads GST18: see Accessories

Connecting cables female – male



⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK

| Cable white/coding | | Cable H05VV-F | | | | Cable H05Z1Z1-F | | | |
|-----------------------------------|-----------------------|---------------|---------------|-------|-------|-----------------|-------|-------|--|
| | | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price | |
| white Angular strain relief | Code 1 N, PE, 1, 2 | 1.0 | 91.207.1000.2 | 50 | | 91.207.1060.2 | 50 | | |
| | | 2.0 | 91.207.2000.2 | 25 | | 91.207.2060.2 | 25 | | |
| | | 3.0 | 91.207.3000.2 | 20 | | 91.207.3060.2 | 20 | | |
| | | 4.0 | 91.207.4000.2 | 15 | | 91.207.4060.2 | 15 | | |
| | | 5.0 | 91.207.5000.2 | 10 | | 91.207.5060.2 | 10 | | |
| | | 6.0 | 91.207.6000.2 | 10 | | 91.207.6060.2 | 10 | | |
| | | 7.0 | 91.207.7000.2 | 5 | | 91.207.7060.2 | 5 | | |
| | | 8.0 | 91.207.8000.2 | 5 | | 91.207.8060.2 | 10 | | |



GST15i4



Other cables, other lengths, other codings on request

Cable assemblies, 4 pole, 1.5 mm²

Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals:
 Cable diameter: 9.2 mm

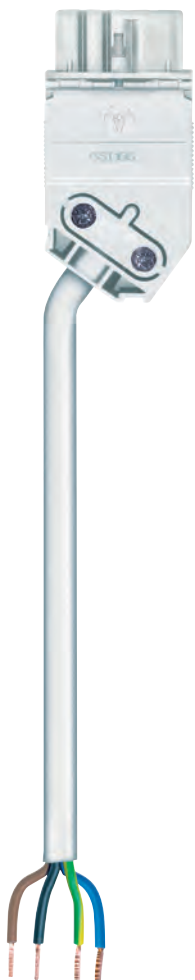
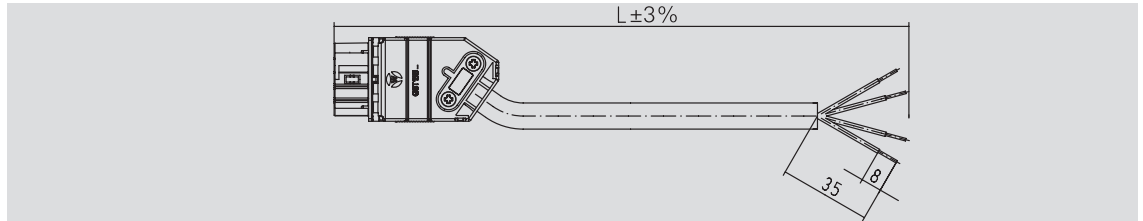
Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05Z1Z1-F: halogen-free
 Sheath strip length: 35 mm
 Wire stripping length: 8 mm
 Locking device: integrated

Connection cables female – free end

Wire ends ultrason. welded



⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK



| Cable white/coding | | Length m | Cable H05VV-F | | | Cable H05Z1Z1-F | | |
|--------------------------------|-----------------------|----------|---------------|----|--|-----------------|----|--|
| white Angular strain relief | Code 1 N, PE, 1, 2 | 1.0 | 91.207.1003.2 | 50 | | 91.207.1063.2 | 50 | |
| | | 2.0 | 91.207.2003.2 | 25 | | 91.207.2063.2 | 25 | |
| | | 3.0 | 91.207.3003.2 | 20 | | 91.207.3063.2 | 20 | |
| | | 4.0 | 91.207.4003.2 | 15 | | 91.207.4063.2 | 15 | |
| | | 5.0 | 91.207.5003.2 | 10 | | 91.207.5063.2 | 10 | |
| | | 6.0 | 91.207.6003.2 | 10 | | 91.207.6063.2 | 10 | |
| | | 7.0 | 91.207.7003.2 | 5 | | 91.207.7063.2 | 5 | |
| | | 8.0 | 91.207.8003.2 | 5 | | 91.207.8063.2 | 5 | |

Other cables, other lengths, other codings on request

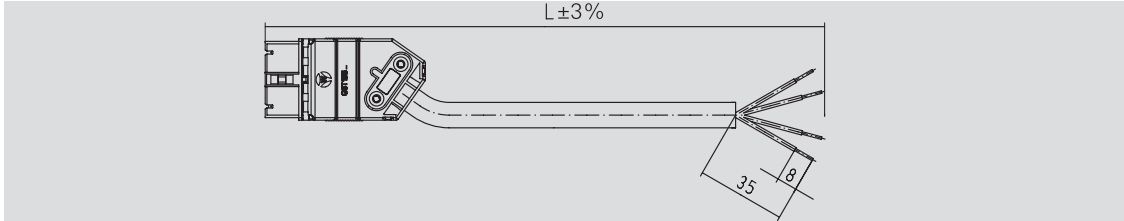


Cable assemblies, 4 pole, 1.5 mm²

| | | | |
|------------------------|-------------------------|----------------------------|-----------------------|
| Rated voltage: | 250 V | Cable material, H05VV-F: | PVC, contains halogen |
| Rated current: | 16 A | Cable material, H05Z1Z1-F: | halogen-free |
| Rated impulse voltage: | 4 kV | Sheath strip length: | 35 mm |
| Protection rating: | IP20, IP40 when plugged | Wire stripping length: | 8 mm |
| Approvals: | | Locking device: | integrated |
| Cable diameter: | 9.2 mm | | |

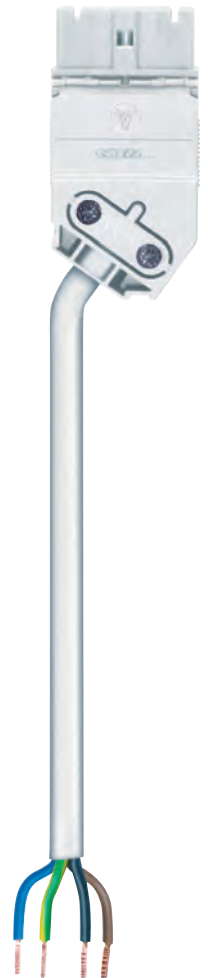
Connection cable male – free end

Wire ends ultrason. welded



⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK

| Cable white/coding | | Length m | Cable H05VV-F | | Cable H05Z1Z1-F | |
|--------------------------------|-----------------------|----------|---------------|----|-----------------|----|
| white Angular strain relief | Code 1 2, 1, N, PE | 1.0 | 91.207.1004.2 | 50 | 91.207.1064.2 | 50 |
| | | 2.0 | 91.207.2004.2 | 25 | 91.207.2064.2 | 25 |
| | | 3.0 | 91.207.3004.2 | 20 | 91.207.3064.2 | 20 |
| | | 4.0 | 91.207.4004.2 | 15 | 91.207.4064.2 | 15 |
| | | 5.0 | 91.207.5004.2 | 10 | 91.207.5064.2 | 10 |
| | | 6.0 | 91.207.6004.2 | 10 | 91.207.6064.2 | 10 |
| | | 7.0 | 91.207.7004.2 | 5 | 91.207.7064.2 | 5 |
| | | 8.0 | 91.207.8004.2 | 5 | 91.207.8064.2 | 5 |




GST15i4



Other cables, other lengths, other codings on request

Cable assemblies, 5 pole, 1.5 mm²

Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 10.1 mm

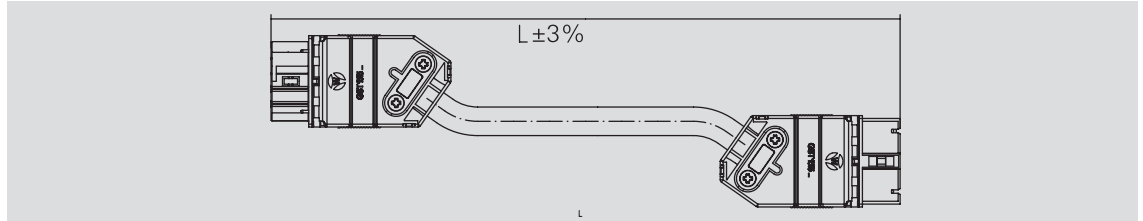
Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05Z1Z1-F: halogen-free
 Locking device: integrated

Connecting cables female – male



Power: ⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY

Dimming: ⊕ = GN/YE
 N = BU
 L = BN
 D2 = BK
 D1 = GY



| Cable H05VV-F | | | | | Cable H05Z1Z1-F | | |
|--------------------|--------------------------|----------|---------------|-------|-----------------|---------------|-------|
| Cable black/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| black | Code 1 N, PE, 1, 2, 3 | 1.0 | 91.257.1000.1 | 30 | | 91.257.1060.1 | 30 |
| | | 2.0 | 91.257.2000.1 | 20 | | 91.257.2060.1 | 20 |
| | | 3.0 | 91.257.3000.1 | 15 | | 91.257.3060.1 | 15 |
| | | 4.0 | 91.257.4000.1 | 10 | | 91.257.4060.1 | 10 |
| | | 5.0 | 91.257.5000.1 | 10 | | 91.257.5060.1 | 10 |
| | | 6.0 | 91.257.6000.1 | 8 | | 91.257.6060.1 | 8 |
| | | 7.0 | 91.257.7000.1 | 5 | | 91.257.7060.1 | 5 |
| | | 8.0 | 91.257.8000.1 | 5 | | 91.257.8060.1 | 5 |

| Cable H05VV-F | | | | | Cable H05Z1Z1-F | | |
|--------------------|--------------------------|----------|---------------|-------|-----------------|---------------|-------|
| Cable white/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| white | Code 1 N, PE, 1, 2, 3 | 1.0 | 91.257.1000.2 | 30 | | 91.257.1060.2 | 30 |
| | | 2.0 | 91.257.2000.2 | 20 | | 91.257.2060.2 | 20 |
| | | 3.0 | 91.257.3000.2 | 15 | | 91.257.3060.2 | 15 |
| | | 4.0 | 91.257.4000.2 | 10 | | 91.257.4060.2 | 10 |
| | | 5.0 | 91.257.5000.2 | 10 | | 91.257.5060.2 | 10 |
| | | 6.0 | 91.257.6000.2 | 8 | | 91.257.6060.2 | 8 |
| | | 7.0 | 91.257.7000.2 | 5 | | 91.257.7060.2 | 5 |
| | | 8.0 | 91.257.8000.2 | 5 | | 91.257.8060.2 | 5 |

| Cable H05VV-F | | | | | Cable H05Z1Z1-F | | |
|--------------------|----------------------------|----------|---------------|-------|-----------------|---------------|-------|
| Cable white/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price |
| pastel blue | Code 2 N, PE, L, D2, D1 | 1.0 | 91.257.1000.9 | 30 | | 91.257.1060.9 | 30 |
| | | 2.0 | 91.257.2000.9 | 20 | | 91.257.2060.9 | 20 |
| | | 3.0 | 91.257.3000.9 | 15 | | 91.257.3060.9 | 15 |
| | | 4.0 | 91.257.4000.9 | 10 | | 91.257.4060.9 | 10 |
| | | 5.0 | 91.257.5000.9 | 10 | | 91.257.5060.9 | 10 |
| | | 6.0 | 91.257.6000.9 | 8 | | 91.257.6060.9 | 8 |
| | | 7.0 | 91.257.7000.9 | 5 | | 91.257.7060.9 | 5 |
| | | 8.0 | 91.257.8000.9 | 5 | | 91.257.8060.9 | 5 |




GST15i5

Other cables, other lengths, other codings on request



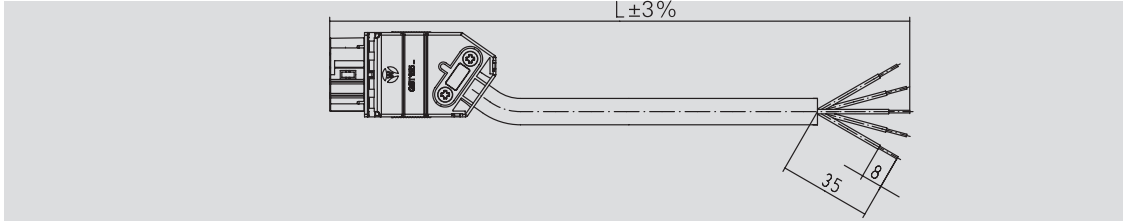
Cable assemblies, 5 pole, 1.5 mm²

Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 10.1 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05Z1Z1-F: halogen-free
 Sheath strip length: 35 mm
 Wire stripping length: 8 mm
 Locking device: integrated

Connection cables female – free end

Wire ends ultrason. welded



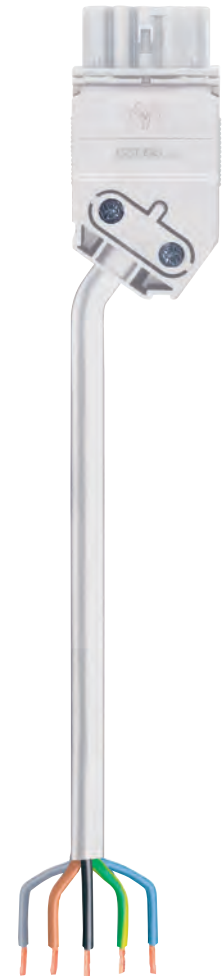
Power: ⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY

Dimming: ⊕ = GN/YE
 N = BU
 L = BN
 D2 = BK
 D1 = GY

| Cable black/coding | | Cable H05VV-F | | | Cable H05Z1Z1-F | | |
|--------------------|--------------------------|---------------|---------------|----------|-----------------|-------|--|
| Length m | Part No. | P. U. | Price | Part No. | P. U. | Price | |
| black | Code 1 N, PE, 1, 2, 3 | 1.0 | 91.257.1003.1 | 30 | 91.257.1063.1 | 30 | |
| | | 2.0 | 91.257.2003.1 | 20 | 91.257.2063.1 | 20 | |
| | | 3.0 | 91.257.3003.1 | 15 | 91.257.3063.1 | 15 | |
| | | 4.0 | 91.257.4003.1 | 10 | 91.257.4063.1 | 10 | |
| | | 5.0 | 91.257.5003.1 | 10 | 91.257.5063.1 | 10 | |
| | | 6.0 | 91.257.6003.1 | 8 | 91.257.6063.1 | 8 | |
| | | 7.0 | 91.257.7003.1 | 5 | 91.257.7063.1 | 5 | |
| | | 8.0 | 91.257.8003.1 | 5 | 91.257.8063.1 | 5 | |


| Cable white/coding | | Cable H05VV-F | | | Cable H05Z1Z1-F | | |
|--------------------|--------------------------|---------------|---------------|----------|-----------------|-------|--|
| Length m | Part No. | P. U. | Price | Part No. | P. U. | Price | |
| white | Code 1 N, PE, 1, 2, 3 | 1.0 | 91.257.1003.2 | 30 | 91.257.1063.2 | 30 | |
| | | 2.0 | 91.257.2003.2 | 20 | 91.257.2063.2 | 20 | |
| | | 3.0 | 91.257.3003.2 | 15 | 91.257.3063.2 | 15 | |
| | | 4.0 | 91.257.4003.2 | 10 | 91.257.4063.2 | 10 | |
| | | 5.0 | 91.257.5003.2 | 8 | 91.257.5063.2 | 10 | |
| | | 6.0 | 91.257.6003.2 | 8 | 91.257.6063.2 | 8 | |
| | | 7.0 | 91.257.7003.2 | 5 | 91.257.7063.2 | 5 | |
| | | 8.0 | 91.257.8003.2 | 5 | 91.257.8063.2 | 5 | |

| Cable white/coding | | Cable H05VV-F | | | Cable H05Z1Z1-F | | |
|--------------------|----------------------------|---------------|---------------|----------|-----------------|-------|--|
| Length m | Part No. | P. U. | Price | Part No. | P. U. | Price | |
| pastel blue | Code 2 N, PE, L, D2, D1 | 1.0 | 91.257.1003.9 | 30 | 91.257.1063.9 | 30 | |
| | | 2.0 | 91.257.2003.9 | 20 | 91.257.2063.9 | 20 | |
| | | 3.0 | 91.257.3003.9 | 15 | 91.257.3063.9 | 15 | |
| | | 4.0 | 91.257.4003.9 | 10 | 91.257.4063.9 | 10 | |
| | | 5.0 | 91.257.5003.9 | 8 | 91.257.5063.9 | 10 | |
| | | 6.0 | 91.257.6003.9 | 8 | 91.257.6063.9 | 8 | |
| | | 7.0 | 91.257.7003.9 | 5 | 91.257.7063.9 | 5 | |
| | | 8.0 | 91.257.8003.9 | 5 | 91.257.8063.9 | 5 | |



Other cables, other lengths, other codings on request

Cable assemblies, 5 pole, 1.5 mm²

Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Approvals: 
 Cable diameter: 10.1 mm

Cable material, H05VV-F: PVC, contains halogen
 Cable material, H05Z1Z1-F: halogen-free
 Sheath strip length: 35 mm
 Wire stripping length: 8 mm
 Locking device: integrated

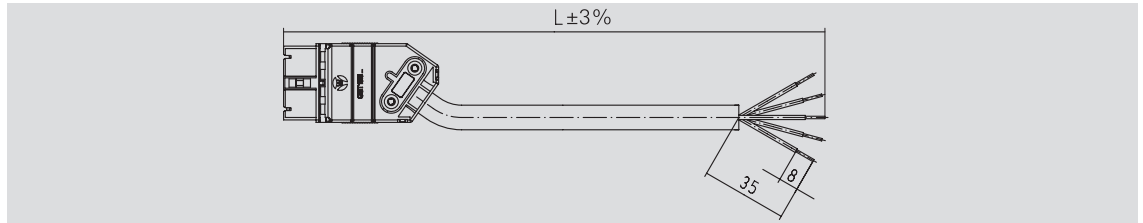
Connection cable male – free end

Wire ends ultrason. welded



Power: \oplus = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY

Dimming: \oplus = GN/YE
 N = BU
 L = BN
 D2 = BK
 D1 = GY



| | | Cable H05VV-F | | | | Cable H05Z1Z1-F | | | |
|--------------------|--------------------------|---------------|---------------|-------|----------|-----------------|-------|--|--|
| Cable black/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price | | |
| black | Code 1 3, 2, 1, PE, N | 1.0 | 91.257.1004.1 | 30 | | 91.257.1064.1 | 30 | | |
| | | 2.0 | 91.257.2004.1 | 20 | | 91.257.2064.1 | 20 | | |
| | | 3.0 | 91.257.3004.1 | 15 | | 91.257.3064.1 | 15 | | |
| | | 4.0 | 91.257.4004.1 | 10 | | 91.257.4064.1 | 10 | | |
| | | 5.0 | 91.257.5004.1 | 10 | | 91.257.5064.1 | 10 | | |
| | | 6.0 | 91.257.6004.1 | 8 | | 91.257.6064.1 | 8 | | |
| | | 7.0 | 91.257.7004.1 | 5 | | 91.257.7064.1 | 5 | | |
| | | 8.0 | 91.257.8004.1 | 5 | | 91.257.8064.1 | 5 | | |

| | | Cable H05VV-F | | | | Cable H05Z1Z1-F | | | |
|--------------------|--------------------------|---------------|---------------|-------|----------|-----------------|-------|--|--|
| Cable white/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price | | |
| white | Code 1 3, 2, 1, PE, N | 1.0 | 91.257.1004.2 | 30 | | 91.257.1064.2 | 30 | | |
| | | 2.0 | 91.257.2004.2 | 20 | | 91.257.2064.2 | 20 | | |
| | | 3.0 | 91.257.3004.2 | 15 | | 91.257.3064.2 | 15 | | |
| | | 4.0 | 91.257.4004.2 | 10 | | 91.257.4064.2 | 10 | | |
| | | 5.0 | 91.257.5004.2 | 10 | | 91.257.5064.2 | 10 | | |
| | | 6.0 | 91.257.6004.2 | 8 | | 91.257.6064.2 | 8 | | |
| | | 7.0 | 91.257.7004.2 | 5 | | 91.257.7064.2 | 5 | | |
| | | 8.0 | 91.257.8004.2 | 5 | | 91.257.8064.2 | 5 | | |

| | | Cable H05VV-F | | | | Cable H05Z1Z1-F | | | |
|--------------------|----------------------------|---------------|---------------|-------|----------|-----------------|-------|--|--|
| Cable white/coding | Length m | Part No. | P. U. | Price | Part No. | P. U. | Price | | |
| pastel blue | Code 2 D1, D2, L, PE, N | 1.0 | 91.257.1004.9 | 30 | | 91.257.1064.9 | 30 | | |
| | | 2.0 | 91.257.2004.9 | 20 | | 91.257.2064.9 | 20 | | |
| | | 3.0 | 91.257.3004.9 | 15 | | 91.257.3064.9 | 15 | | |
| | | 4.0 | 91.257.4004.9 | 10 | | 91.257.4064.9 | 10 | | |
| | | 5.0 | 91.257.5004.9 | 10 | | 91.257.5064.9 | 10 | | |
| | | 6.0 | 91.257.6004.9 | 8 | | 91.257.6064.9 | 8 | | |
| | | 7.0 | 91.257.7004.9 | 5 | | 91.257.7064.9 | 5 | | |
| | | 8.0 | 91.257.8004.9 | 5 | | 91.257.8064.9 | 5 | | |

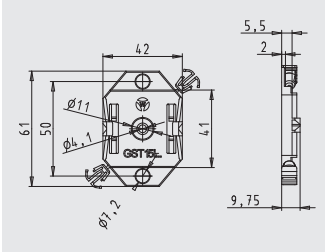


GST15i5

Other cables, other lengths, other codings on request

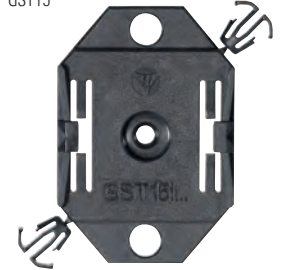
Mounting material, sample kits

GST15 mounting plate for h/H distributors

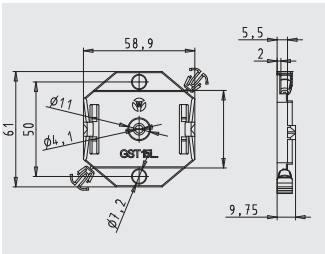


| Color | Part No. | P. U. | Price |
|-------|---------------|-------|-------|
| black | 07.418.9153.1 | 50 | |

Mounting plate
GST15



GST15 mounting plate for HH distributors



| Color | Part No. | P. U. | Price |
|-------|---------------|-------|-------|
| black | 07.418.9253.1 | 50 | |

Mounting plate
GST15



3 pole

| Part No. | P. U. | Price |
|-------------------|---------------|-------|
| gesis MINI 3 pole | 99.491.0000.0 | 1 |

GST15i3 sample kit



2 pole to 5 pole

| Part No. | P. U. | Price |
|----------------|---------------|-------|
| gesis MINI SET | 99.427.0000.0 | 6 |

GST15i2...i5
sample kit



Invisible installations for your presentation!

Our **gesis** MICRO connector system connects your light in showcases and on shelves – in places where no one else can reach. And it does so in the simplest way imaginable.

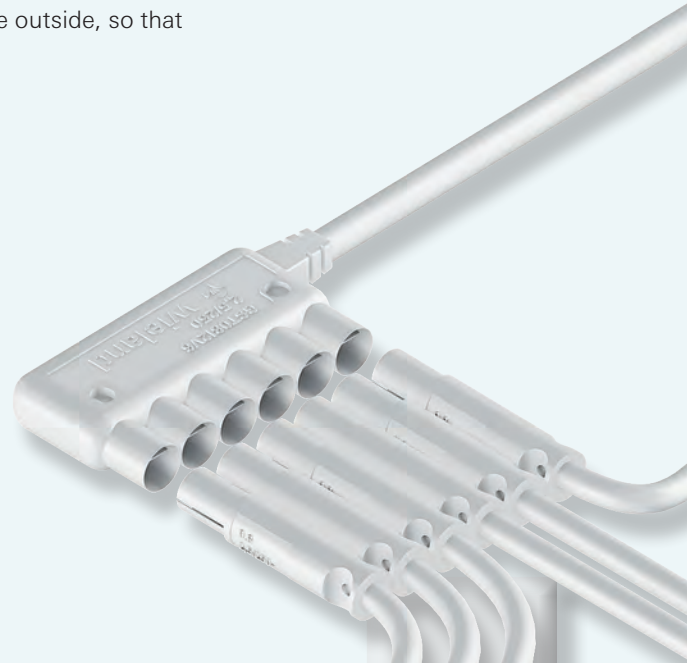
Because **gesis** MICRO is so small, all you need is a drilled hole to run the lines through. Because **gesis** MICRO comes as a pre-assembled cable, you do not have to connect the plugs manually – it is all “plug-and-play”. And because **gesis** MICRO is matched to the whole **gesis** family, you receive a complete system – and you can extend your installation, even as far as the earth contact plug of the power cord.

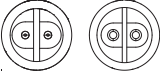
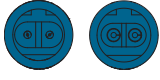

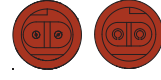
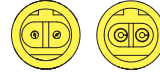

This makes the electrical installation inside your furniture “invisible” from the outside, so that nothing distracts the eye from the things that matter.

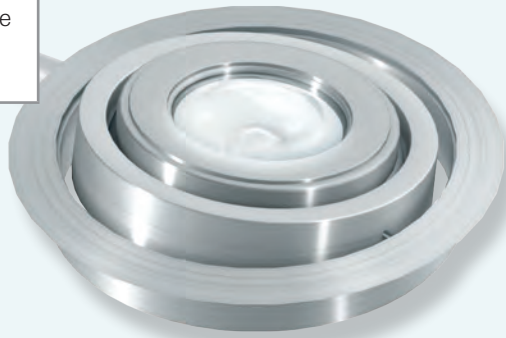


More information

<http://eshop.wieland-electric.com>



| Coding of GST08i2 connectors | | | | |
|---|---|---|--|---|
| GST18i02 | | | | |
| Code 1 | Code 2 | Code 3 | Code 4 | Code 5 |
| white | blue | green | red | yellow |
|  |  |  |  |  |
| Application Mains voltage (protection class II) | Application Low voltage (12 V) | Application Low voltage (24 V) | Application Switching output | Application Low voltage (constant current) |
| GST08i3 | | | | |
| Code 1 | | | | |
| white | | | | |
|  | | | | |
| Application Mains voltage (protection class I) | | | | |



Solder connectors, horizontal

Rated voltage:
Rated impulse voltage:
Protection rating:

250 V
IP20, IP40 when plugged

Approvals:
Plug direction:
Fixation:
Solder paste mask:

straight
Studs
see Technical Data

2 pole, solder pin length = 2.5 mm

Female connector
GST08I2LB WS

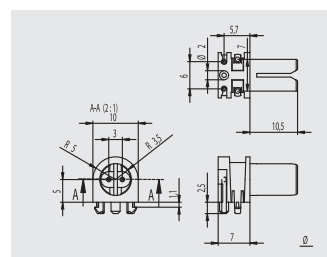
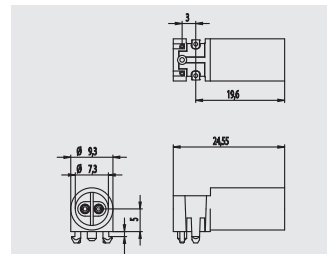


| Color | Coding | Part No. | P. U. | Price |
|---------------|--------|---------------|-------|-------|
| white (2.5 A) | Code 1 | 99.441.0000.8 | 200 | |
| blue (6 A) | Code 2 | 99.443.0000.8 | 200 | |
| green (6 A) | Code 3 | 99.445.0000.8 | 200 | |
| yellow (6 A) | Code 5 | 99.472.0000.8 | 100 | |

Male connector
GST08I2LS WS



| Color | Coding | Part No. | P. U. | Price |
|---------------|--------|---------------|-------|-------|
| white (2.5 A) | Code 1 | 99.440.0000.8 | 200 | |
| blue (6 A) | Code 2 | 99.442.0000.8 | 200 | |
| green (6 A) | Code 3 | 99.444.0000.8 | 200 | |
| yellow (6 A) | Code 5 | 99.471.0000.8 | 100 | |

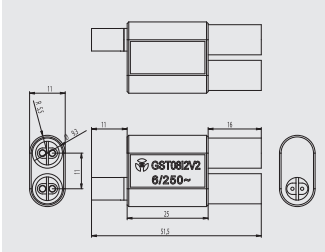


Distribution block – with 2 pole cable, 0.75 mm²

Rated voltage: 250 V
Rated current: 2.5 A
Protection rating: IP20, IP40 when plugged

Approvals:
Cable material, H03V2V2H2-F: PVC, contains halogen
Locking device: pluggable

2 pole, distribution unit



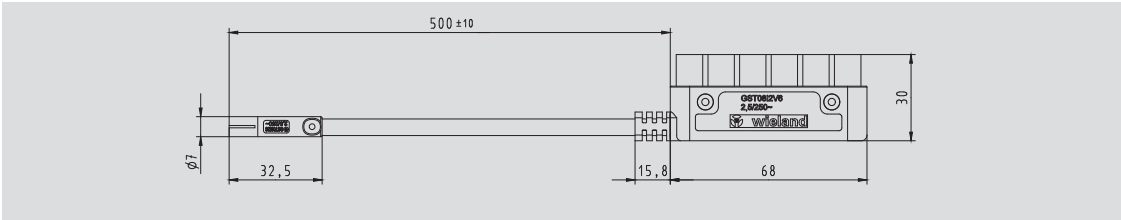
| Color | Coding | Outputs | Part No. | P. U. | Price |
|------------------------|--------|---------|---------------|-------|-------|
| white (250 V/2.5 A/AC) | Code 1 | 2 | 99.453.0000.8 | 1000 | |
| blue (12 V/6 A) | Code 2 | 2 | 99.438.0000.8 | 1000 | |
| green (24 V/6 A) | Code 3 | 2 | 99.439.0000.8 | 1000 | |
| yellow (50 V/6 A/DC) | Code 5 | 2 | 99.459.0000.8 | 1000 | |

Distribution block
GST0812V 2P WS



2 pole, distribution unit

Distribution block with extension cable



Distribution block
GST0812V S6P 75P 05WS



Cable H03V2V2H2-F

| Cable white/coding | Code | Length m | Part No. | P. U. | Price | Outputs |
|--------------------|----------------|----------|---------------|-------|-------|---------|
| white | Code 1 L, N | 0.5 | 99.405.0000.8 | 100 | | 6 |

2 pole, distribution unit

Distribution block, 1x input, free end

Cable H03V2V2H2-F

| Cable white/coding | Code | Length m | Part No. | P. U. | Price | Outputs |
|--------------------|----------------|----------|---------------|-------|-------|---------|
| blue (12 V) | Code 2 +, - | 0.5 | 99.413.0000.8 | 280 | | 6 |



2 pole, distribution unit

Distribution block, 1x input, free end

Cable H03V2V2H2-F

| Cable white/coding | Code | Length m | Part No. | P. U. | Price | Outputs |
|--------------------|----------------|----------|---------------|-------|-------|---------|
| green (24 V) | Code 3 +, - | 0.5 | 99.419.0000.8 | 280 | | 6 |



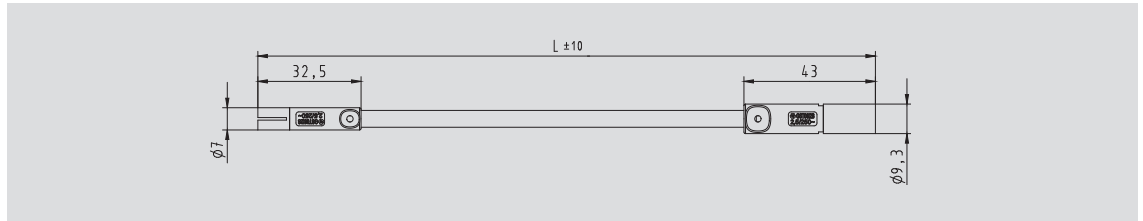
Cable assemblies, 2 pole, 0.75 mm²

Protection rating: IP20, IP40 when plugged
 Cable material, H03V2V2H2-F: PVC, contains halogen
 Cable diameter:
 Locking device: pluggable

Connecting cables female – male



Code 1, 4 **Code 2, 3, 5**
 N = BU - = BU
 L = BN + = BN



Cable **H03V2V2H2-F**

| Cable white/coding | Length m | Part No. | P. U. | Price |
|---------------------------|---------------|---------------|-------|-------|
| white (250 V/2.5 A/AC) | Code 1 1.0 | 99.403.0000.8 | 250 | |
| | L, N 3.0 | 99.404.0000.8 | 75 | |

Cable **H03V2V2H2-F**

| Cable white/coding | Length m | Part No. | P. U. | Price |
|--------------------|---------------|---------------|---------------|-------|
| blue (12 V/6 A) | Code 2 1.0 | 99.411.0000.8 | 250 | |
| | +, - | 2.0 | | |
| | | 3.0 | 99.412.0000.8 | 75 |

Cable **H03V2V2H2-F**

| Cable white/coding | Length m | Part No. | P. U. | Price |
|---------------------|---------------|---------------|---------------|-------|
| green (24 V/6 A) | Code 3 1.0 | 99.417.0000.8 | 250 | |
| | +, - | 2.0 | 99.426.0000.8 | 100 |
| | | 2.5 | 99.427.0000.8 | 100 |
| | | 3.0 | 99.418.0000.8 | 75 |

Cable **H03V2V2H2-F**

| Cable white/coding | Length m | Part No. | P. U. | Price |
|-------------------------|---------------|---------------|-------|-------|
| yellow (50 V/6 A/DC) | Code 5 1.0 | 99.455.0000.8 | 250 | |
| | +, - 2.0 | 99.456.0000.8 | 75 | |

Other cables, other lengths, other codings on request



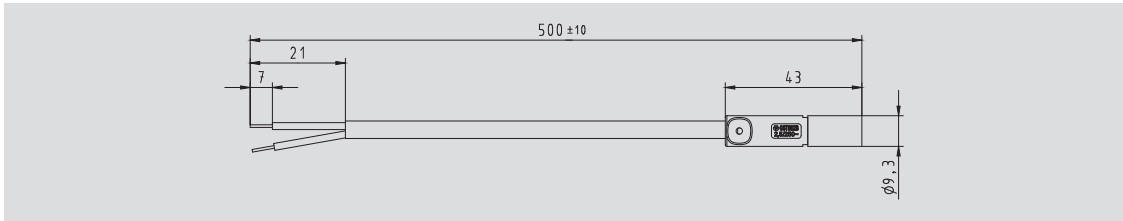
Cable assemblies, 2 pole, 0.75 mm²

Protection rating: IP20, IP40 when plugged
 Cable material, H03V2V2H2-F: PVC, contains halogen
 Cable diameter: pluggable
 Locking device: pluggable

Sheath strip length: 21 mm
 Wire stripping length: 7 mm
 Approvals:
 Cable diameter: 7 mm

Connection cables female – free end

Wire ends with ferrules



Code 1, 4 **Code 2, 3, 5**
 N = BU - = BU
 L = BN + = BN

Cable **H03V2V2H2-F**

| Cable white/coding | Length m | Part No. | P. U. | Price | |
|---------------------------|----------|----------|---------------|-------|--|
| white (250 V/2.5 A/AC) | Code 1 | 0.5 | 99.400.0000.8 | 100 | |
| | L, N | 1.0 | | | |
| | | 3.0 | | | |

Cable **H03V2V2H2-F**

| Cable white/coding | Length m | Part No. | P. U. | Price | |
|--------------------|----------|----------|---------------|-------|--|
| blue (12 V/6 A) | Code 2 | 0.5 | 99.408.0000.8 | 100 | |
| | +, - | 1.0 | | | |
| | | 2.0 | | | |

Cable **H03V2V2H2-F**

| Cable white/coding | Length m | Part No. | P. U. | Price | |
|---------------------|----------|----------|---------------|-------|--|
| green (24 V/6 A) | Code 3 | 0.15 | 99.415.0000.8 | 100 | |
| | +, - | 0.5 | 99.414.0000.8 | 100 | |
| | | 1.0 | | | |
| | | 2.0 | | | |

Cable **H03V2V2H2-F**

| Cable white/coding | Length m | Part No. | P. U. | Price | |
|-------------------------|----------|----------|---------------|-------|--|
| yellow (50 V/6 A/DC) | Code 5 | 0.5 | 99.458.0000.8 | 500 | |
| | +, - | 1.0 | | | |



Cable assemblies, 2 pole, 0.75 mm²

Protection rating: IP20, IP40 when plugged
 Cable material, H03V2V2H2-F: PVC, contains halogen
 Cable diameter: pluggable
 Locking device: pluggable

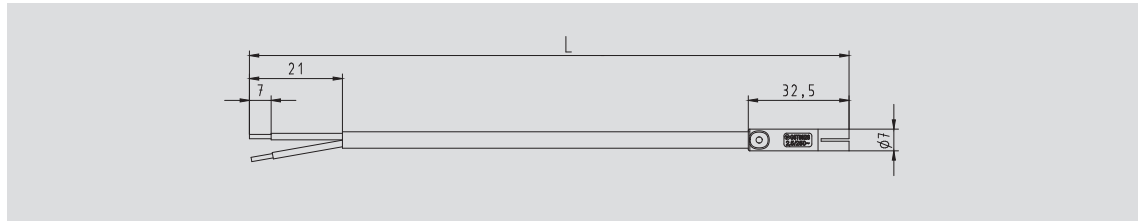
Sheath strip length: 21 mm
 Wire stripping length: 7 mm
 Approvals:
 Cable diameter: 7 mm

Connection cable male – free end

Wire ends with ferrules



Code 1, 4 **Code 2, 3, 5**
 N = BU - = BU
 L = BN + = BN



Cable **H03V2V2H2-F**

| Cable white/coding | Length m | Part No. | P. U. | Price | |
|---------------------------|----------|----------|---------------|-------|--|
| white (250 V/2.5 A/AC) | Code 1 | 0.5 | 99.402.0000.8 | 100 | |
| | L, N | 1.0 | | | |
| | | 3.0 | | | |

Cable **H03V2V2H2-F**

| Cable white/coding | Length m | Part No. | P. U. | Price | |
|--------------------|----------|----------|---------------|-------|--|
| blue (12 V/6 A) | Code 2 | 0.5 | 99.410.0000.8 | 100 | |
| | +, - | 1.0 | | | |
| | | 2.0 | | | |

Cable **H03V2V2H2-F**

| Cable white/coding | Length m | Part No. | P. U. | Price | |
|---------------------|----------|----------|---------------|-------|--|
| green (24 V/6 A) | Code 3 | 0.15 | 99.428.0000.8 | 125 | |
| | +, - | 0.5 | 99.416.0000.8 | 100 | |
| | | 1.0 | 99.429.0000.8 | 100 | |
| | | 2.0 | | | |

Cable **H03V2V2H2-F**

| Cable white/coding | Length m | Part No. | P. U. | Price | |
|-------------------------|----------|----------|---------------|-------|--|
| yellow (50 V/6 A/DC) | Code 5 | 0.5 | 99.457.0000.8 | 1000 | |
| | +, - | 1.0 | | | |
| | | 2.0 | | | |

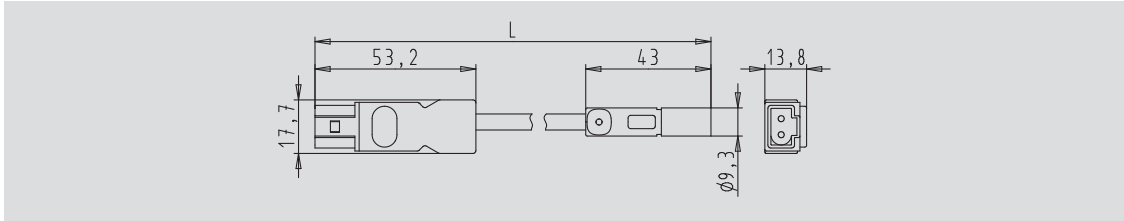
Other cables, other lengths, other codings on request



Cable assemblies, 2 pole, 0.75 mm²

Protection rating: IP20, IP40 when plugged
Cable material, H03V2V2H2-F: PVC, contains halogen
Cable diameter:
Locking device: pluggable

Adapter female – male GST 15

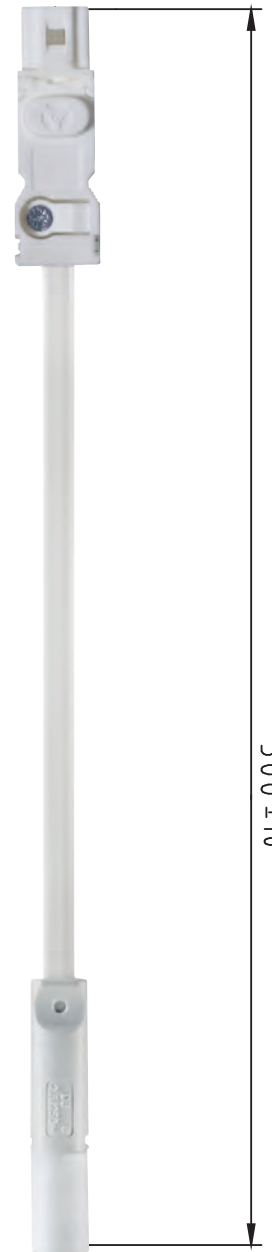


Cable **H03V2V2H2-F**

| Cable white/coding | Length m | Part No. | P. U. | Price |
|---------------------------|----------|---------------|-------|-------|
| white (250 V/2.5 A/AC) | 0.5 | 99.401.0000.8 | 300 | |
| | 1.0 | | | |
| | 3.0 | | | |

Cable **H03V2V2H2-F**

| Cable white/coding | Length m | Part No. | P. U. | Price |
|--------------------|----------|---------------|-------|-------|
| blue (12 V/6 A) | 0.5 | 99.409.0000.8 | 300 | |
| | 1.0 | | | |
| | 3.0 | | | |



GST08i2

500 ± 10



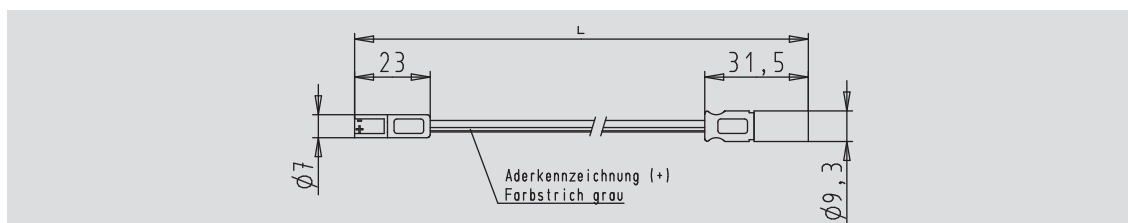
Other cables, other lengths, other codings on request

Cable assemblies, 2 pole, 0.5 mm²

Rated voltage: 24 V
 Rated current: 6 A
 Protection rating: IP20, IP40 when plugged
 Cable material, LIYZ: PVC, contains halogen

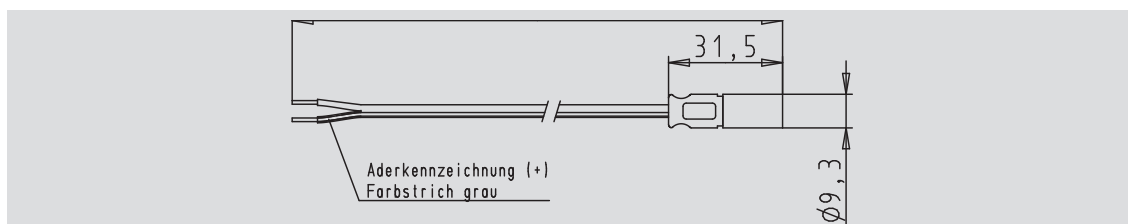
Cable diameter:
 Locking device: pluggable
 Wire stripping length: 7 mm

Connecting cables female – male



| Cable LIYZ | | | | | |
|---------------------|----------------|----------|---------------|-------|-------|
| Cable white/coding | | Length m | Part No. | P. U. | Price |
| green (24 V/6 A) | Code 3 +, - | 0.5 | 99.462.0000.8 | 100 | |
| | | 1.0 | 99.463.0000.8 | 125 | |
| | | 1.5 | 99.464.0000.8 | 150 | |
| | | 2.0 | | | |

Connection cables female – free end
 Wire ends tin-plated



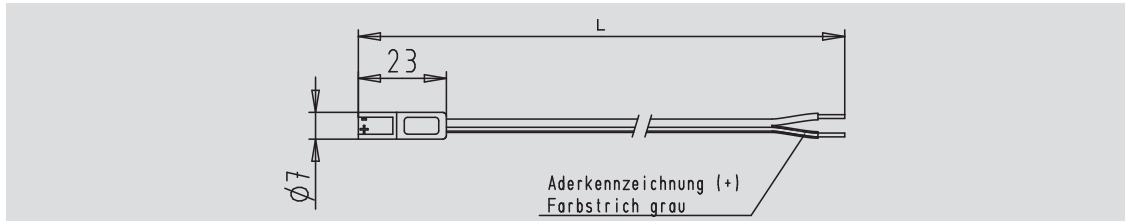
| Cable LIYZ | | | | | |
|---------------------|----------------|----------|---------------|-------|-------|
| Cable white/coding | | Length m | Part No. | P. U. | Price |
| green (24 V/6 A) | Code 3 +, - | 0.5 | 99.468.0000.8 | 100 | |
| | | 1.0 | 99.469.0000.8 | 125 | |
| | | 1.5 | 99.470.0000.8 | 150 | |
| | | 2.0 | | | |



Cable assemblies, 2 pole, 0.5 mm²

| | | | |
|-----------------------|-------------------------|------------------------|-----------|
| Rated voltage: | 24 V | Cable diameter: | |
| Rated current: | 6 A | Locking device: | pluggable |
| Protection rating: | IP20, IP40 when plugged | Wire stripping length: | 7 mm |
| Cable material, LIYZ: | PVC, contains halogen | | |

Connection cable male – free end
Wire ends tin-plated



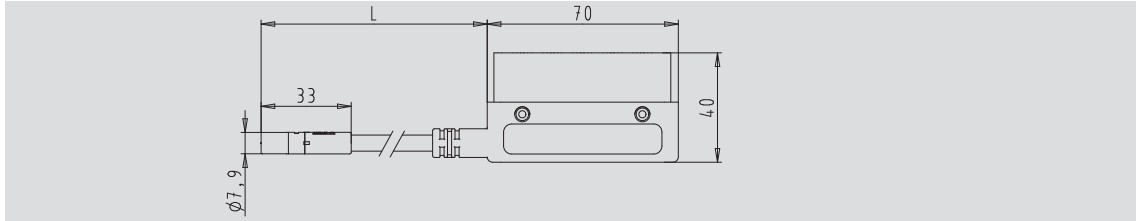
Cable **LIYZ**

| Cable white/coding | Length m | Part No. | P. U. | Price |
|---------------------|----------|---------------|-------|-------|
| green (24 V/6 A) | 0.5 | 99.465.0000.8 | 100 | |
| | 1.0 | 99.466.0000.8 | 125 | |
| | 1.5 | 99.467.0000.8 | 150 | |
| | 2.0 | | | |

Distribution block with 3 pole cable, 0.75 mm²

| | | | |
|--------------------------|-------------------------|-----------------|-----------|
| Rated voltage: | 250 V | Cable diameter: | |
| Rated current: | 6 A | Locking device: | pluggable |
| Protection rating: | IP20, IP40 when plugged | | |
| Cable material, H03VV-F: | PVC, contains halogen | | |

Distribution block with extension cable



Cable H03VV-F

| Cable white/coding | Length m | Part No. | P. U. | Price | Outputs |
|----------------------|---------------------------|---------------|-------|-------|---------|
| white (250 V/6 A) | Code 1 L, N, PE 0.5 | 99.425.0000.8 | 50 | | 6 |

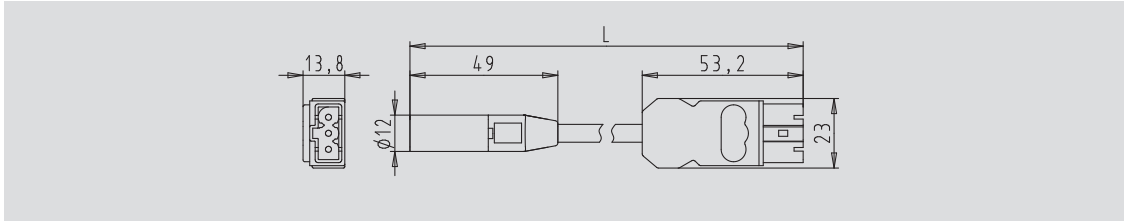
Other cables, other lengths, other codings on request



Cable assemblies, 3 pole, 0.75 mm²

| | | | |
|--------------------------|-------------------------|-----------------|-----------|
| Rated voltage: | 250 V | Approvals: | |
| Rated current: | 6 A | Cable diameter: | |
| Protection rating: | IP20, IP40 when plugged | Locking device: | pluggable |
| Cable material, H03VV-F: | PVC, contains halogen | | |

Adapter cable female – male
GST15i3 male connector



| Cable white/coding | Length m | Part No. | P. U. | Price |
|----------------------|----------|---------------|-------|-------|
| white (250 V/6 A) | 0.5 | 99.421.0000.8 | 300 | |



GST08i3



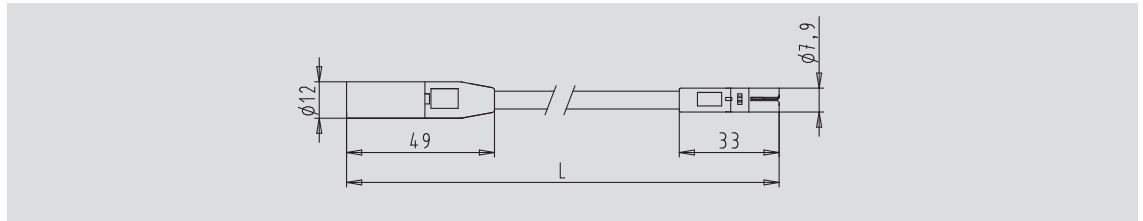
Other cables, other lengths, other codings on request

Cable assemblies, 3 pole, 0.75 mm²

Rated voltage: 250 V
 Rated current: 6 A
 Protection rating: IP20, IP40 when plugged
 Cable material, H03VV-F: PVC, contains halogen

Cable diameter: $\phi 12$
 Locking device: pluggable
 Sheath strip length: 21 mm
 Wire stripping length: 7 mm

Connecting cables female – male



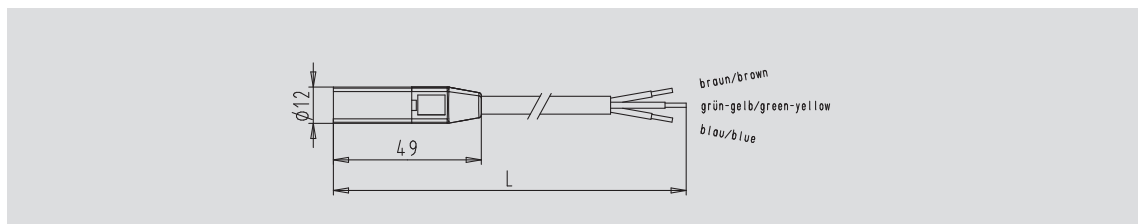
Cable **H03VV-F**

| Cable white/coding | | Length m | Part No. | P. U. | Price |
|----------------------|----------|----------|---------------|-------|-------|
| white (250 V/6 A) | Code 1 | 1.0 | 99.423.0000.8 | 150 | |
| | L, N, PE | 1.5 | 99.424.0000.8 | 50 | |



⊕ = GN/YE
 N = BU
 L = BN

Connection cables female – free end
 Wire ends ultrasonically welded



Cable **H03VV-F**

| Cable white/coding | | Length m | Part No. | P. U. | Price |
|----------------------|----------|----------|---------------|-------|-------|
| white (250 V/6 A) | Code 1 | 0.5 | 99.420.0000.8 | 150 | |
| | L, N, PE | | | | |



⊕ = GN/YE
 N = BU
 L = BN

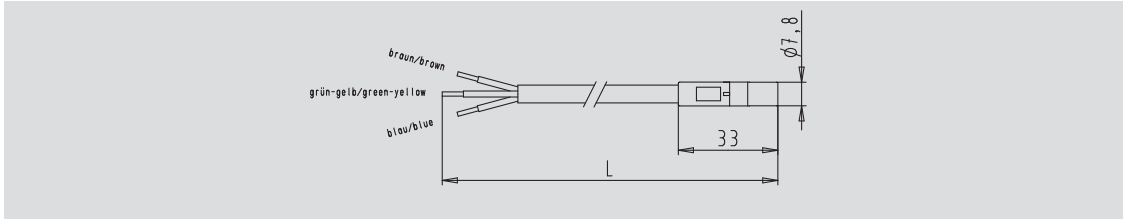
Other cables, other lengths, other codings on request



Cable assemblies, 3 pole, 0.75 mm²

| | | | |
|---------------------------------|-------------------------|-------------------------------|-----------|
| Rated voltage: | 250 V | Cable diameter: | |
| Rated current: | 6 A | Locking device: | pluggable |
| Protection rating: | IP20, IP40 when plugged | Sheath strip length: | 21 mm |
| Cable material, H03VV-F: | PVC, contains halogen | Wire stripping length: | 7 mm |

Connection cable male – free end
Wire ends ultrasonically welded



| Cable H03VV-F | | | | P. U. | Price |
|----------------------|----------|----------|---------------|-------|-------|
| Cable white/coding | Code 1 | Length m | Part No. | | |
| white (250 V/6 A) | L, N, PE | 0.5 | 99.422.0000.8 | 400 | |



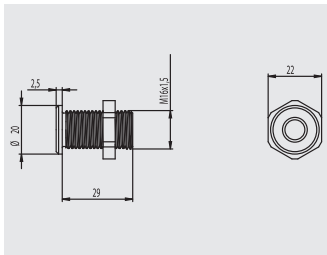
⊕ = GN/YE
N = BU
L = BN



Housing installation frame

for GST08i2 ... i3 female connectors including fixation screws

2 pole

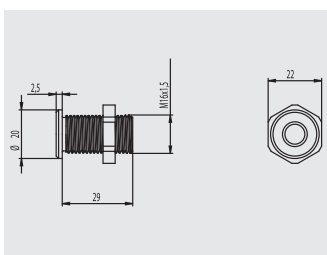


| | | | Part No. | P. U. | Price |
|--------------------|--|--|---------------|-------|-------|
| Installation frame | | | 99.450.0000.8 | | |

Housing installation frame for GST08i2



3 pole



| | | | Part No. | P. U. | Price |
|--------------------|--|--|---------------|-------|-------|
| Installation frame | | | 99.451.0000.8 | | |

Housing installation frame for GST08i3



Other cables, other lengths, other codings on request

Low-voltage technology draws attention!

The versatile **BST** system allows the pluggable installation even of signal applications. Mechanical coding and clear assignment with different colors facilitate the installation: green for KNX applications, black for general signal or LON applications, and blue for dimming or DALI functions.

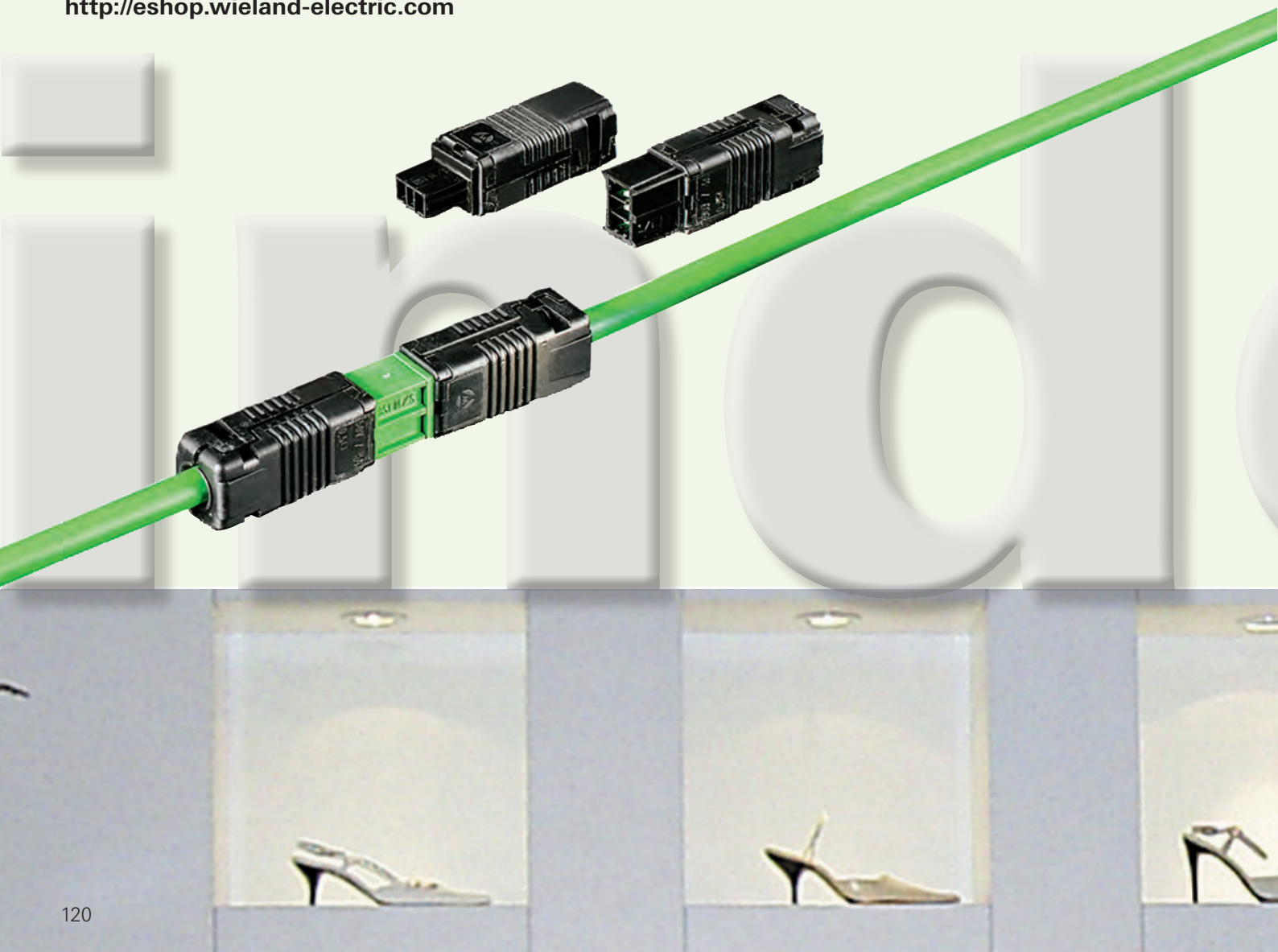
Complex installations can be completed with just four basic components – from the distribution panel unit to any point of use. Connectors can be assembled on site and serve, for instance, for the supply of the **gesis** system. The connectors come as male and female connectors complete with strain relief and can be used to connect any current type of cable.

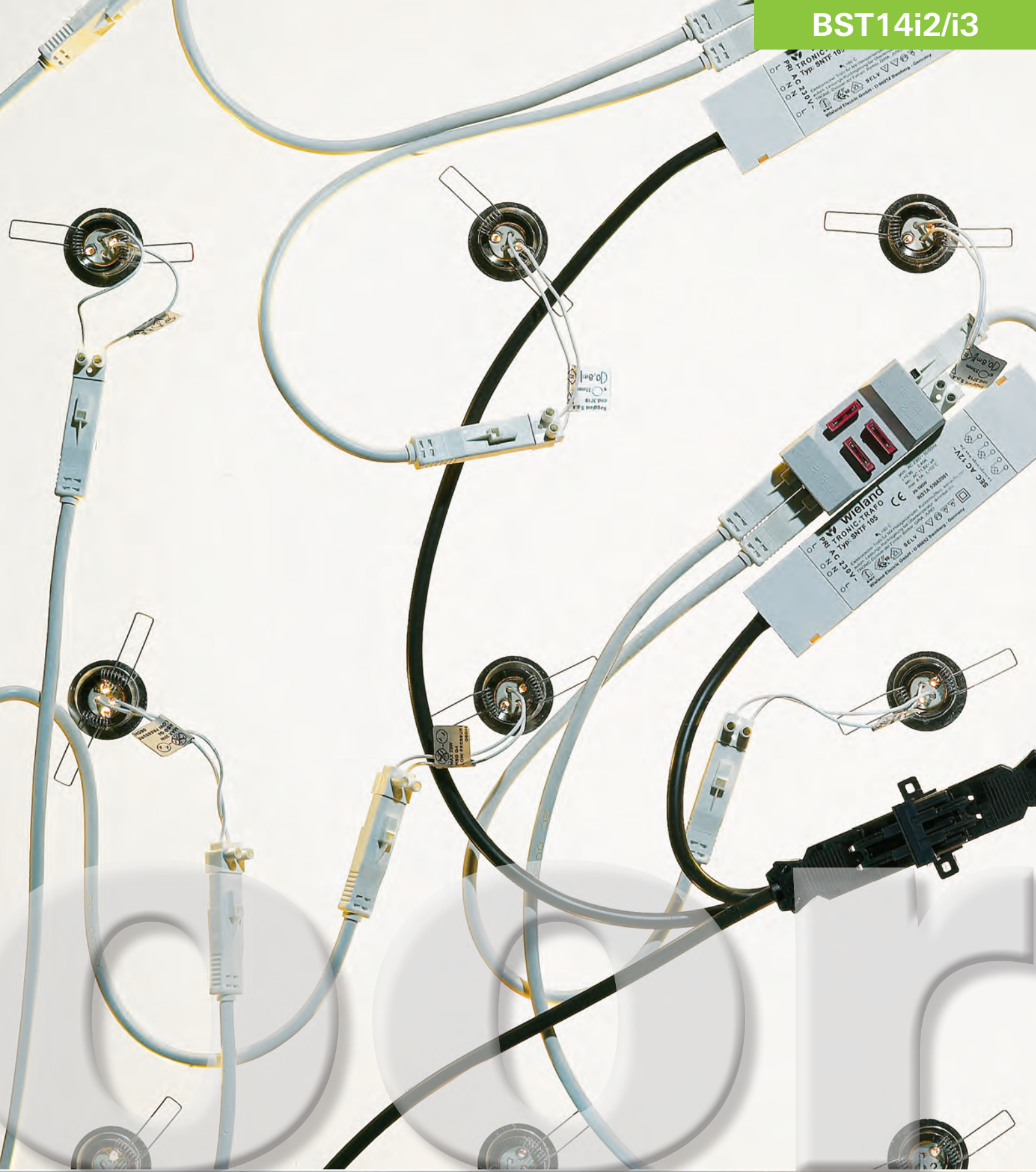
Light accents are a decisive factor in shop fitting – optimum results are achieved by low-voltage halogen installations with halogen spotlights. The **gesis** ST16/ST17 lines allow the implementation of the entire electrical installation in the low-voltage halogen range. The key feature of the system is its wide range of individual components, which make it versatile enough to fit any application. The connectors are mechanically coded, so that inadvertent mismatching with connectors of other product lines is ruled out. A pre-assembled electronic transformer allows the direct supply of energy from the **gesis** CON system by a plug contact.



More information

<http://eshop.wieland-electric.com>





Spring-loaded connectors



Wire cross-section
solid:

0.25 – 0.75 mm²
without ferrules

Protection rating:

IP20

Approvals:

KEW

Spring clamp connection:

1 connection per pole
integrated, lockable

Strain relief:

23 mm

Sheath strip length:

9 mm

Wire stripping length:

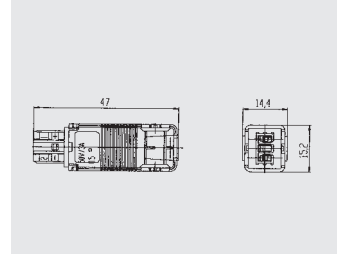
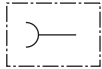
9 mm

2 pole, cable diameter 5.5 – 6.5 mm, unassembled

Female
connector
BST14i2 F B1 Z R1



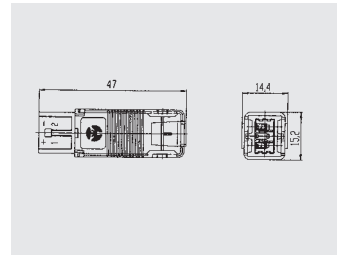
| Color | Coding | Part No. | P.U. | Price |
|-------------------|---------------|---------------|------|-------|
| black/green | Code 1 1+, 2- | 93.421.0553.1 | 50 | |
| black/pastel blue | Code 2 1+, 2- | 93.421.4553.1 | 50 | |



Male
connector
BST14i2 F S1 Z R1



| Color | Coding | Part No. | P.U. | Price |
|-------------------|---------------|---------------|------|-------|
| black/green | Code 1 1+, 2- | 93.422.0553.1 | 50 | |
| black/pastel blue | Code 2 1+, 2- | 93.422.4553.1 | 50 | |

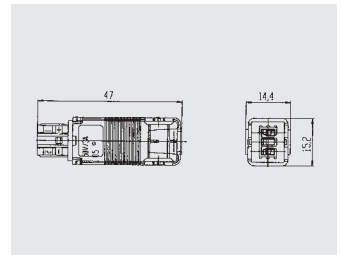


3 pole, cable diameter 5.5 – 6.5 mm, unassembled

Female connector
BST14i3 F B1 Z R1



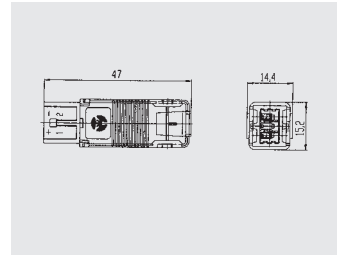
| Color | Coding | Part No. | P.U. | Price |
|-------------|---------------|---------------|------|-------|
| white/white | Code 3 1+, 2- | 93.431.2553.0 | 50 | |
| black/black | Code 3 1+, 2- | 93.431.2553.1 | 50 | |



Male connector
BST14i3 F S1 Z R1



| Color | Coding | Part No. | P.U. | Price |
|-------------|---------------|---------------|------|-------|
| white/white | Code 3 1+, 2- | 93.432.2553.0 | 50 | |
| black/black | Code 3 1+, 2- | 93.432.2553.1 | 50 | |



BST14i2

BST14i3

Snap-in, for assembly, with spring clamp connection



Wire cross-section
solid:

0.25 – 0.75 mm²
without ferrules

Rated voltage:

50 V

Rated current:

3 A

Rated impulse voltage:

0.8 kV

Protection rating:

IP20

Approvals:



Spring clamp connection:

1 connection per pole

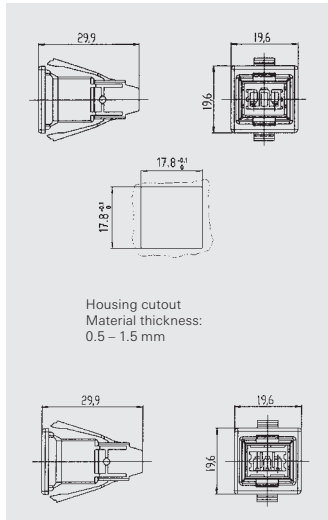
Locking device:

integrated

Wire stripping length:

9 mm

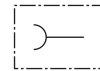
2 pole



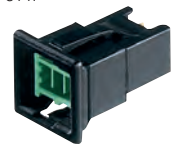
| Color | Coding | Part No. | P.U. | Price |
|-------------------|---------------|---------------|------|-------|
| black/green | Code 1 1+, 2- | 93.421.0353.1 | 100 | |
| black/pastel blue | Code 2 1+, 2- | 93.421.4353.1 | 100 | |

| Color | Coding | Part No. | P.U. | Price |
|-------------------|---------------|---------------|------|-------|
| black/green | Code 1 1+, 2- | 93.422.0353.1 | 100 | |
| black/pastel blue | Code 2 1+, 2- | 93.422.4353.1 | 100 | |

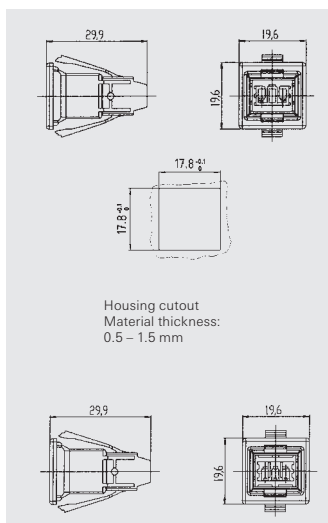
Female
connector
BST14i2 F B1 R



Male
connector
BST14i2 F S1 R



3 pole



| Color | Coding | Part No. | P.U. | Price |
|-------------|---------------|---------------|------|-------|
| white/white | Code 3 1+, 2- | 93.431.2353.0 | 100 | |
| black/black | Code 3 1+, 2- | 93.431.2353.1 | 100 | |

| Color | Coding | Part No. | P.U. | Price |
|-------------|---------------|---------------|------|-------|
| white/white | Code 3 1+, 2- | 93.432.2353.0 | 100 | |
| black/black | Code 3 1+, 2- | 93.432.2353.1 | 100 | |

Female connector
BST14i3 F B1 R



Male connector
BST14i3 F S1 R




BST14i2

BST14i3

Solder connectors, horizontal

Rated voltage: 50 V
 Rated current: 3 A
 Rated impulse voltage: 0.8 kV

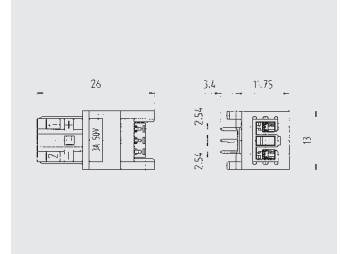
Protection rating: IP20
 Approvals: 
 Locking device: integrated
 Locating pins: yes
 Solder paste mask: see Technical Data

2 pole

Female connector
 BST14i2 L B1



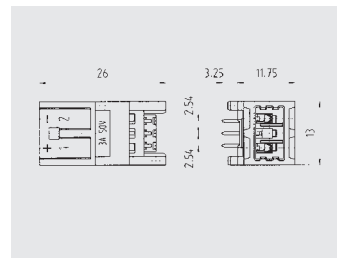
| Color | Coding | Part No. | P.U. | Price |
|-------------|---------------|---------------|------|-------|
| green | Code 1 1+, 2- | 93.421.0653.1 | 100 | |
| pastel blue | Code 2 1+, 2- | 93.421.4653.1 | 100 | |



Male connector
 BST14i2 L S1



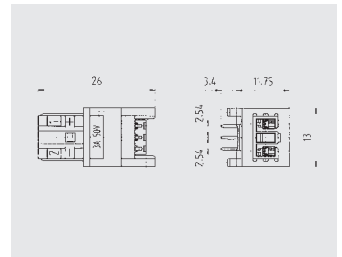
| Color | Coding | Part No. | P.U. | Price |
|-------------|---------------|---------------|------|-------|
| green | Code 1 1+, 2- | 93.422.0653.1 | 100 | |
| pastel blue | Code 2 1+, 2- | 93.422.4653.1 | 100 | |



3 pole

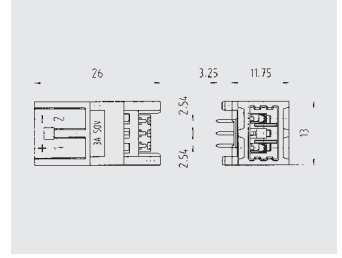
Female connector
 BST14i3 L B1

| Color | Coding | Part No. | P.U. | Price |
|-------|---------------|---------------|------|-------|
| white | Code 3 1+, 2- | 93.431.2653.0 | 50 | |
| black | Code 3 1+, 2- | 93.431.2653.1 | 50 | |



Male connector
 BST14i3 L S1

| Color | Coding | Part No. | P.U. | Price |
|-------|---------------|---------------|------|-------|
| white | Code 3 1+, 2- | 93.432.2653.0 | 100 | |
| black | Code 3 1+, 2- | 93.432.2653.1 | 100 | |



BST14i2

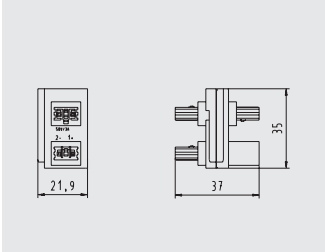
BST14i3

Distribution units

Rated voltage: 50 V
 Rated current: 3 A
 Rated impulse voltage: 0.8 kV
 Protection rating: IP20

Approvals: 
 Locking device: integrated

2 pole without mounting option

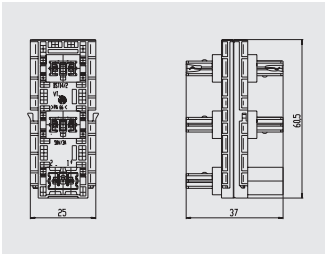


| Color | Coding | Outputs | Part No. | P.U. | Price |
|-------|--------|---------|---------------|------|-------|
| green | Code 1 | 3 | 93.420.0453.0 | 50 | |

H distributor
 BST 14i2V 3P1

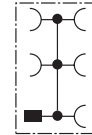


2 pole without mounting option

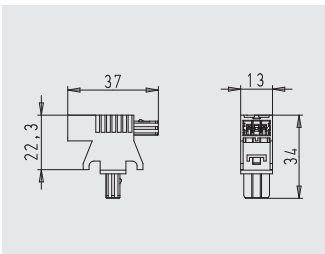


| Color | Coding | Outputs | Part No. | P.U. | Price |
|-------|--------|---------|---------------|------|-------|
| green | Code 1 | 5 | 93.420.0053.0 | 50 | |

HH distributor
 BST 14i2V 5P1

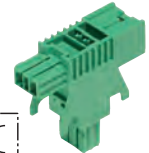
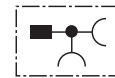


2 pole with mounting option

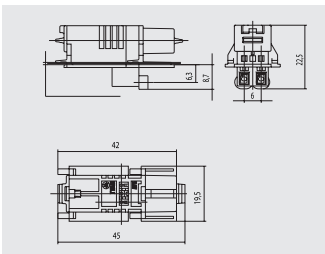


| Color | Cod. | Outputs | Part No. | P.U. | Price |
|-------------|--------|---------|---------------|------|-------|
| green | Code 1 | 2 | 93.420.0653.0 | 100 | |
| pastel blue | Code 2 | 2 | 93.420.4653.0 | 100 | |

T distributor
 BST 14i2V 2P1 TV



2 pole with integrated connection terminal




| Color | Coding | Outputs | Part No. | P.U. | Price |
|-------------|--------|---------|---------------|------|-------|
| pastel blue | Code 2 | 1 | 93.420.4553.0 | 100 | |

TT distributor
 BST 14i2V 2P1 KR



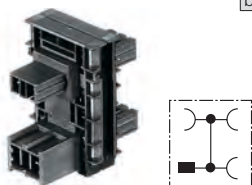
Distribution units

Rated voltage: 50 V
 Rated current: 3 A
 Rated impulse voltage: 0.8 kV
 Protection rating: IP20

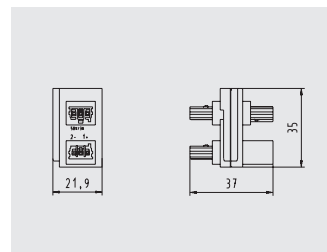
Approvals: 
 Locking device: integrated

3 pole without mounting option

H distributor
 BST 14i3V 3P1

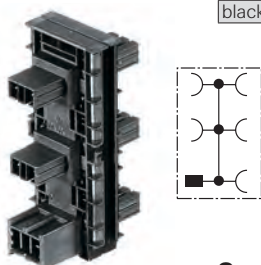


| Color | Cod. | Outputs | Part No. | P.U. | Price |
|-------|--------|---------|---------------|------|-------|
| white | Code 3 | 3 | 93.430.2453.0 | 50 | |
| black | Code 3 | 3 | 93.430.2453.1 | 50 | |

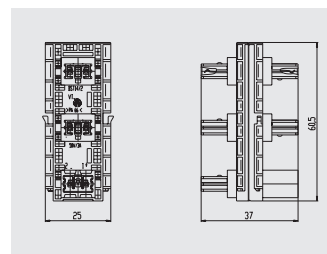


3 pole without mounting option

HH distributor
 BST 14i3V 5P1

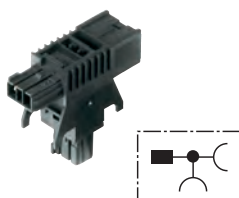


| Color | Cod. | Outputs | Part No. | P.U. | Price |
|-------|--------|---------|---------------|------|-------|
| white | Code 3 | 5 | 93.430.2053.0 | 50 | |
| black | Code 3 | 5 | 93.430.2053.1 | 50 | |

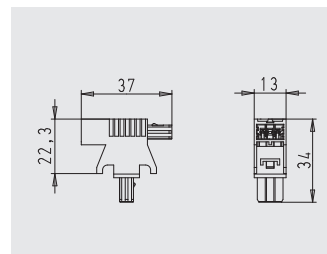


3 pole with mounting option

T distributor
 BST 14i3V 2P1 T



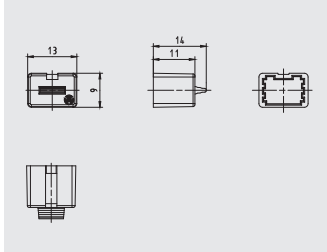
| Color | Cod. | Outputs | Part No. | P.U. | Price |
|-------|--------|---------|---------------|------|-------|
| white | Code 3 | 2 | 93.430.2653.0 | 100 | |
| black | Code 3 | 2 | 93.430.2653.1 | 100 | |



BST14i3

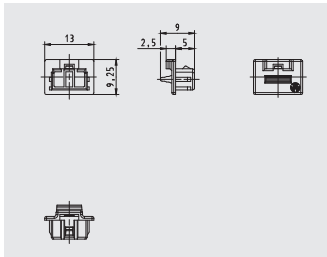
BST covers, sample kits

2/3 pole for covering open contacts



| Color | Part No. | P.U. | Price |
|-------|---------------|------|-------|
| black | 05.563.7753.0 | 100 | |

for female
connectors
BST



| Color | Part No. | P.U. | Price |
|-------|---------------|------|-------|
| black | 05.563.7853.0 | 100 | |

for male
connectors
BST



2 pole BST14i2

| | Part No. | P.U. | Price |
|--------------|---------------|------|-------|
| geis BST14i2 | 99.471.0000.0 | 1 | |

BST14i2 sample kit



2/3 pole BST14i3

| | Part No. | P.U. | Price |
|--------------|---------------|------|-------|
| geis BST14i3 | 99.472.0000.0 | 1 | |

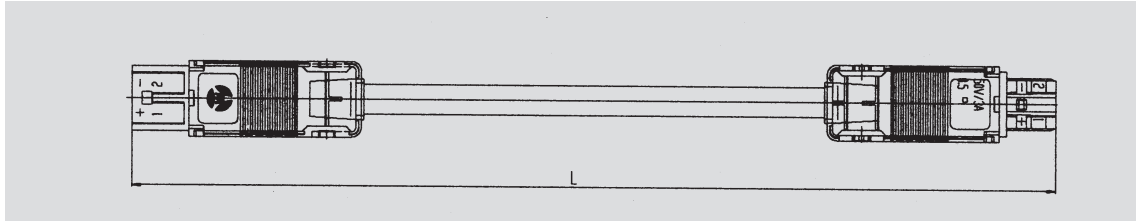
BST14i3 sample kit



Cable assemblies, 2 pole, 0.5 mm²

| | | | |
|------------------------------|-----------------------|------------------------|------------|
| Rated voltage: | 50 V | Sheath strip length: | 20 mm |
| Rated current: | 3 A | Wire stripping length: | 8 mm |
| Rated impulse voltage: | 0.8 kV | Approvals: | KEP2 |
| Protection rating: | IP20 | Cable diameter: | 6.1 mm |
| Cable material, FB-2Y(ST)2Y: | PVC, contains halogen | Locking device: | integrated |
| Cable material, FB-H(ST)H: | halogen-free | | |

Connecting cables female – male
KNX bus

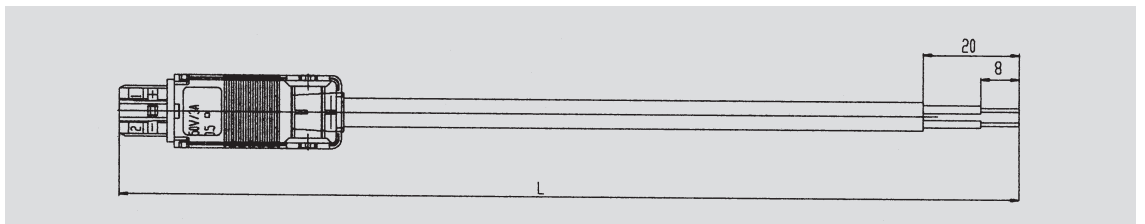


| Cable green/coding | | Cable FB-2Y(ST)2Y | | | | Cable FB-H(ST)H | | | |
|--------------------|------------------|-------------------|---------------|----------|------|-----------------|-----|--|--|
| Length m | Part No. | P.U. | Price | Part No. | P.U. | Price | | | |
| green | Code 1 1+, 2- | 1.0 | 94.425.1000.7 | 100 | | 94.425.1060.7 | 100 | | |
| | | 2.0 | 94.425.2000.7 | 50 | | 94.425.2060.7 | 50 | | |
| | | 3.0 | 94.425.3000.7 | 30 | | 94.425.3060.7 | 30 | | |
| | | 4.0 | 94.425.4000.7 | 30 | | 94.425.4060.7 | 30 | | |
| | | 5.0 | 94.425.5000.7 | 20 | | 94.425.5060.7 | 20 | | |
| | | 6.0 | 94.425.6000.7 | 20 | | 94.425.6060.7 | 20 | | |
| | | 7.0 | 94.425.7000.7 | 15 | | 94.425.7060.7 | 15 | | |
| | | 8.0 | 94.425.8000.7 | 15 | | 94.425.8060.7 | 15 | | |



1+ = RD
2- = BK

Connection cables female – free end
KNX bus



| Cable green/coding | | Cable FB-2Y(ST)2Y | | | | Cable FB-H(ST)H | | | |
|--------------------|------------------|-------------------|---------------|----------|------|-----------------|-----|--|--|
| Length m | Part No. | P.U. | Price | Part No. | P.U. | Price | | | |
| green | Code 1 1+, 2- | 1.0 | 94.425.1003.7 | 100 | | 94.425.1063.7 | 100 | | |
| | | 2.0 | 94.425.2003.7 | 50 | | 94.425.2063.7 | 50 | | |
| | | 3.0 | 94.425.3003.7 | 30 | | 94.425.3063.7 | 30 | | |
| | | 4.0 | 94.425.4003.7 | 30 | | 94.425.4063.7 | 30 | | |
| | | 5.0 | 94.425.5003.7 | 20 | | 94.425.5063.7 | 20 | | |
| | | 6.0 | 94.425.6003.7 | 20 | | 94.425.6063.7 | 20 | | |
| | | 7.0 | 94.425.7003.7 | 15 | | 94.425.7063.7 | | | |
| | | 8.0 | 94.425.8003.7 | 15 | | 94.425.8063.7 | 15 | | |




1+ = RD
2- = BK

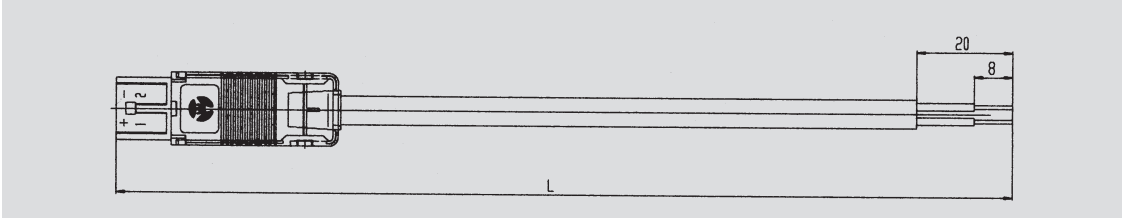
Other cables, other lengths, other codings on request



Cable assemblies, 2 pole, 0.5 mm²

| | | | |
|------------------------------|-----------------------|------------------------|--|
| Rated voltage: | 50 V | Sheath strip length: | 20 mm |
| Rated current: | 3 A | Wire stripping length: | 8 mm |
| Rated impulse voltage: | 0.8 kV | Approvals: |  |
| Protection rating: | IP20 | Cable diameter: | 6.1 mm |
| Cable material, FB-2Y(ST)2Y: | PVC, contains halogen | Locking device: | integrated |
| Cable material, FB-H(ST)H: | halogen-free | | |

Connection cable male – free end
KNX bus



| Cable green/coding | | Cable FB-2Y(ST)2Y | | | Cable FB-H(ST)H | | |
|--------------------|------------------|--------------------------|---------------|----------|------------------------|-------|--|
| Length m | Part No. | P.U. | Price | Part No. | P.U. | Price | |
| green | Code 1 1+, 2- | 1.0 | 94.425.1004.7 | 100 | 94.425.1064.7 | 100 | |
| | | 2.0 | 94.425.2004.7 | 50 | 94.425.2064.7 | 50 | |
| | | 3.0 | 94.425.3004.7 | 30 | 94.425.3064.7 | 30 | |
| | | 4.0 | 94.425.4004.7 | 30 | 94.425.4064.7 | 30 | |
| | | 5.0 | 94.425.5004.7 | 20 | 94.425.5064.7 | 20 | |
| | | 6.0 | 94.425.6004.7 | 20 | 94.425.6064.7 | 20 | |
| | | 7.0 | 94.425.7004.7 | 15 | 94.425.7064.7 | 15 | |
| | | 8.0 | 94.425.8004.7 | 15 | 94.425.8064.7 | 15 | |



1+ = RD
2- = BK

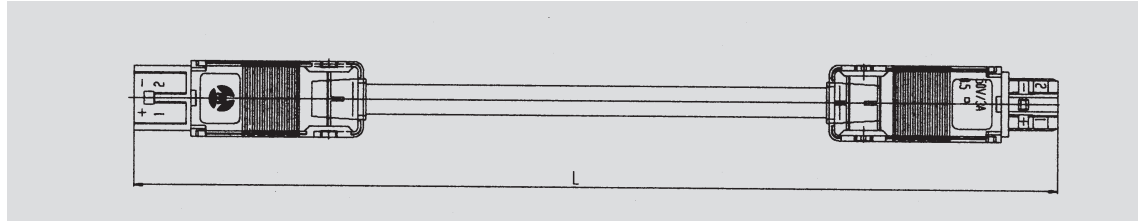


Other cables, other lengths, other codings on request

Cable assemblies, 2 pole, 0.5 mm²

| | | | |
|----------------------------|-----------------------|------------------------|------------|
| Rated voltage: | 50 V | Sheath strip length: | 20 mm |
| Rated current: | 3 A | Wire stripping length: | 8 mm |
| Rated impulse voltage: | 0.8 kV | Approvals: | |
| Protection rating: | IP20 | Cable diameter: | 4.8 mm |
| Cable material, L03VV-U: | PVC, contains halogen | Locking device: | integrated |
| Cable material, L03Z1Z1-U: | halogen-free | | |

Connecting cables female – male

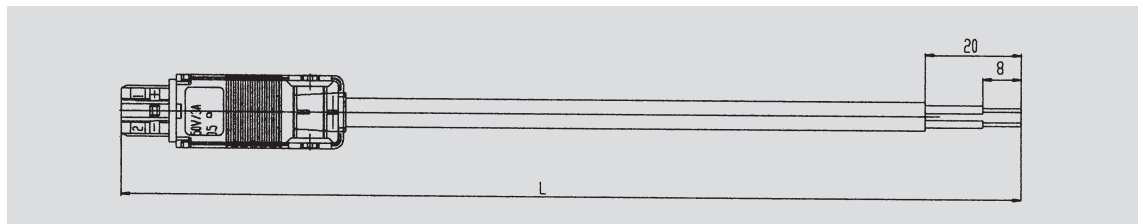


| Cable black/coding | | Cable L03VV-U | | | | Cable L03Z1Z1-U | | | |
|--------------------|------------------|---------------|---------------|------|-------|-----------------|------|-------|--|
| | | Length m | Part No. | P.U. | Price | Part No. | P.U. | Price | |
| pastel blue | Code 2 1+, 2- | 1.0 | 94.425.1030.9 | 150 | | 94.425.1090.9 | 150 | | |
| | | 2.0 | 94.425.2030.9 | 75 | | 94.425.2090.9 | 75 | | |
| | | 3.0 | 94.425.3030.9 | 50 | | 94.425.3090.9 | 50 | | |
| | | 4.0 | 94.425.4030.9 | 30 | | 94.425.4090.9 | 30 | | |
| | | 5.0 | 94.425.5030.9 | 25 | | 94.425.5090.9 | 25 | | |
| | | 6.0 | 94.425.6030.9 | 25 | | 94.425.6090.9 | 25 | | |
| | | 7.0 | 94.425.7030.9 | 20 | | 94.425.7090.9 | 20 | | |
| | | 8.0 | 94.425.8030.9 | 20 | | 94.425.8090.9 | 20 | | |



1+ = RD
2- = BK

Connection cables female – free end



| Cable black/coding | | Cable L03VV-U | | | | Cable L03Z1Z1-U | | | |
|--------------------|------------------|---------------|---------------|------|-------|-----------------|------|-------|--|
| | | Length m | Part No. | P.U. | Price | Part No. | P.U. | Price | |
| pastel blue | Code 2 1+, 2- | 1.0 | 94.425.1033.9 | 150 | | 94.425.1093.9 | 150 | | |
| | | 2.0 | 94.425.2033.9 | 75 | | 94.425.2093.9 | 75 | | |
| | | 3.0 | 94.425.3033.9 | 50 | | 94.425.3093.9 | 50 | | |
| | | 4.0 | 94.425.4033.9 | 30 | | 94.425.4093.9 | 30 | | |
| | | 5.0 | 94.425.5033.9 | 25 | | 94.425.5093.9 | 25 | | |
| | | 6.0 | 94.425.6033.9 | 25 | | 94.425.6093.9 | 25 | | |
| | | 7.0 | 94.425.7033.9 | 20 | | 94.425.7093.9 | 20 | | |
| | | 8.0 | 94.425.8033.9 | 20 | | 94.425.8093.9 | 20 | | |

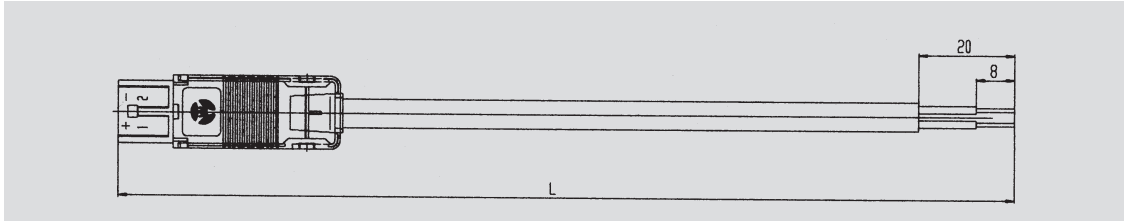


1+ = RD
2- = BK

Cable assemblies, 2 pole, 0.5 mm²

| | | | |
|----------------------------|-----------------------|------------------------|------------|
| Rated voltage: | 50 V | Sheath strip length: | 20 mm |
| Rated current: | 3 A | Wire stripping length: | 8 mm |
| Rated impulse voltage: | 0.8 kV | Approvals: | |
| Protection rating: | IP20 | Cable diameter: | 4.8 mm |
| Cable material, L03VV-U: | PVC, contains halogen | Locking device: | integrated |
| Cable material, L03Z1Z1-U: | halogen-free | | |

Connection cable male – free end



| Cable black/coding | | Length m | Cable L03VV-U | | | Cable L03Z1Z1-U | | |
|--------------------|------------------|----------|----------------------|------|-------|------------------------|------|-------|
| | | | Part No. | P.U. | Price | Part No. | P.U. | Price |
| pastel blue | Code 2 1+, 2- | 1.0 | 94.425.1034.9 | 150 | | 94.425.1094.9 | 150 | |
| | | 2.0 | 94.425.2034.9 | 75 | | 94.425.2094.9 | 75 | |
| | | 3.0 | 94.425.3034.9 | 50 | | 94.425.3094.9 | 50 | |
| | | 4.0 | 94.425.4034.9 | 30 | | 94.425.4094.9 | 30 | |
| | | 5.0 | 94.425.5034.9 | 25 | | 94.425.5094.9 | 25 | |
| | | 6.0 | 94.425.6034.9 | 25 | | 94.425.6094.9 | 25 | |
| | | 7.0 | 94.425.7034.9 | 20 | | 94.425.7094.9 | 20 | |
| | | 8.0 | 94.425.8034.9 | 20 | | 94.425.8094.9 | 20 | |



1+ = RD
2- = BK



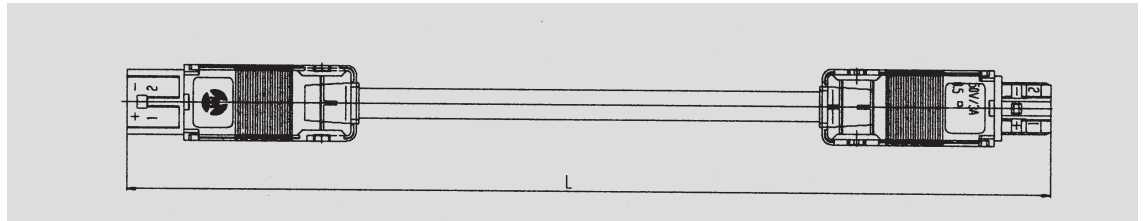
Cable assemblies, 2 pole + screen, 0.5 mm²

| | | | |
|----------------------------------|-----------------------|------------------------|------------|
| Rated voltage: | 50 V | Sheath strip length: | 20 mm |
| Rated current: | 3 A | Wire stripping length: | 8 mm |
| Rated impulse voltage: | 0.8 kV | Approvals: | |
| Protection rating: | IP20 | Cable diameter: | 6.1 mm |
| Cable material, FB-2Y(ST)2Y: | PVC, contains halogen | Locking device: | integrated |
| Cable material, FB-H(ST)2x2x0.8: | halogen-free | | |

Connecting cables female – male
Control signal



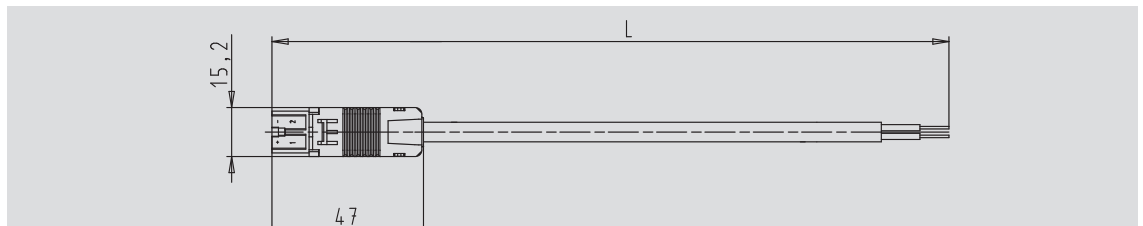
1+ = RD
2- = BK
Screen = center contact



| Cable FB-2Y(ST)2Y | | | | Cable FB-H(ST)2x2x0.8 | | | |
|-------------------|------------------|----------|---------------|-----------------------|---------------|------|-------|
| Cable gray/coding | Length m | Part No. | P.U. | Price | Part No. | P.U. | Price |
| white | Code 3 1+, 2- | 1.0 | 94.435.1000.2 | | 94.435.1060.2 | | |
| | | 2.0 | 94.435.2000.2 | 50 | 94.435.2060.2 | | |
| | | 3.0 | 94.435.3000.2 | 30 | 94.435.3060.2 | | |
| | | 4.0 | 94.435.4000.2 | 30 | 94.435.4060.2 | | |
| | | 5.0 | 94.435.5000.2 | 25 | 94.435.5060.2 | | |
| | | 6.0 | 94.435.6000.2 | | 94.435.6060.2 | | |
| | | 7.0 | 94.435.7000.2 | 15 | 94.435.7060.2 | | |
| | | 8.0 | 94.435.8000.2 | 15 | 94.435.8060.2 | | |

| Cable FB-2Y(ST)2Y | | | | Cable FB-H(ST)2x2x0.8 | | | |
|-------------------------|------------------|----------|---------------|-----------------------|---------------|------|-------|
| Cable color gray/coding | Length m | Part No. | P.U. | Price | Part No. | P.U. | Price |
| black | Code 3 1+, 2- | 1.0 | 94.435.1000.1 | 100 | 94.435.1060.1 | 100 | |
| | | 2.0 | 94.435.2000.1 | 50 | 94.435.2060.1 | 50 | |
| | | 3.0 | 94.435.3000.1 | 30 | 94.435.3060.1 | 30 | |
| | | 4.0 | 94.435.4000.1 | 30 | 94.435.4060.1 | 30 | |
| | | 5.0 | 94.435.5000.1 | 20 | 94.435.5060.1 | 20 | |
| | | 6.0 | 94.435.6000.1 | 20 | 94.435.6060.1 | 20 | |
| | | 7.0 | 94.435.7000.1 | 15 | 94.435.7060.1 | 15 | |
| | | 8.0 | 94.435.8000.1 | 15 | 94.435.8060.1 | 15 | |

Connection cables female – free end
Control signal




| Cable FB-2Y(ST)2Y | | | | Cable FB-H(ST)2x2x0.8 | | | |
|-------------------|------------------|----------|---------------|-----------------------|----------|------|-------|
| Cable gray/coding | Length m | Part No. | P.U. | Price | Part No. | P.U. | Price |
| black | Code 3 1+, 2- | 1.0 | 94.435.1003.1 | 100 | | | |
| | | 2.0 | 94.435.2003.1 | 50 | | | |
| | | 3.0 | 94.435.3003.1 | 30 | | | |
| | | 4.0 | 94.435.4003.1 | 30 | | | |
| | | 5.0 | 94.435.5003.1 | 20 | | | |
| | | 6.0 | 94.435.6003.1 | 20 | | | |
| | | 7.0 | 94.435.7003.1 | 15 | | | |
| | | 8.0 | 94.435.8003.1 | 15 | | | |

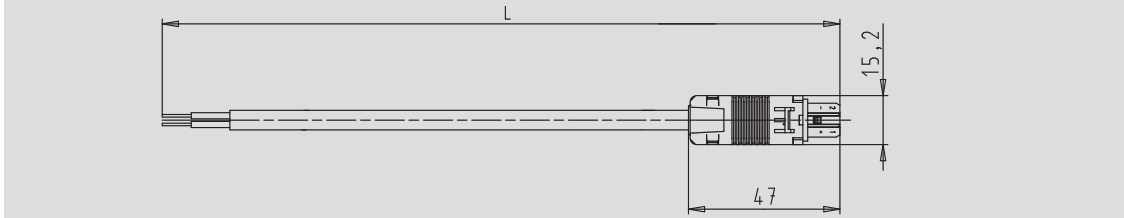


1+ = RD
2- = BK
Screen = center contact

Cable assemblies, 2 pole + screen, 0.5 mm²

| | | | |
|----------------------------------|-----------------------|------------------------|--|
| Rated voltage: | 50 V | Sheath strip length: | 20 mm |
| Rated current: | 3 A | Wire stripping length: | 8 mm |
| Rated impulse voltage: | 0.8 kV | Approvals: |  |
| Protection rating: | IP20 | Cable diameter: | 6.1 mm |
| Cable material, FB-2Y(ST)2Y: | PVC, contains halogen | Locking device: | integrated |
| Cable material, FB-H(ST)2x2x0.8: | halogen-free | | |

Connection cable male – free end
Control signal



| | | Cable FB-2Y(ST)2Y | | | Cable FB-H(ST)2x2x0.8 | | | |
|-------------------|------------------|--------------------------|---------------|------|------------------------------|---------------|------|-------|
| Cable gray/coding | | Length m | Part No. | P.U. | Price | Part No. | P.U. | Price |
| black | Code 3 1+, 2- | 1.0 | 94.435.1004.1 | 100 | | 94.435.1064.1 | 100 | |
| | | 2.0 | 94.435.2004.1 | 50 | | 94.435.2064.1 | 50 | |
| | | 3.0 | 94.435.3004.1 | 30 | | 94.435.3064.1 | 30 | |
| | | 4.0 | 94.435.4004.1 | 30 | | 94.435.4064.1 | 30 | |
| | | 5.0 | 94.435.5004.1 | 20 | | | | |
| | | 6.0 | 94.435.6004.1 | 20 | | 94.435.6064.1 | 20 | |
| | | 7.0 | 94.435.7004.1 | 15 | | | | |
| | | 8.0 | 94.435.8004.1 | 15 | | 94.435.8064.1 | 15 | |



1+ = RD
2- = BK
Screen = center contact



Screw connectors, electronic transformers



Fine-stranded wire cross-section: 0.5 – 2.5 mm²
 Rated voltage: 48 V
 Rated current: 25 A
 Rated impulse voltage: 4 kV

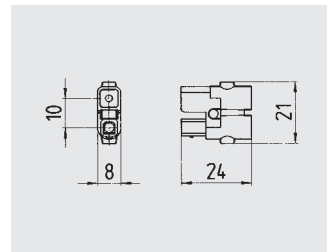
Approvals:
 Configuration:
 Screw connection:
 Locking device:

hermaphroditic
 1 connection per pole, without ferrule integrated

2 pole, low-voltage halogen

Female/male
 ST16/2 BS

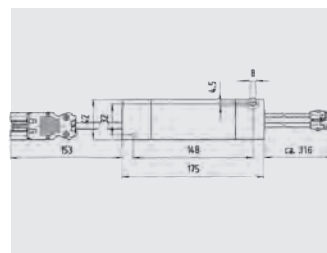
| Color | Coding | Part No. | P.U. | Price |
|-------|--------|---------------|------|-------|
| white | Code 1 | 93.016.0053.0 | 100 | |



2 pole, connections pluggable

Electronic transformer

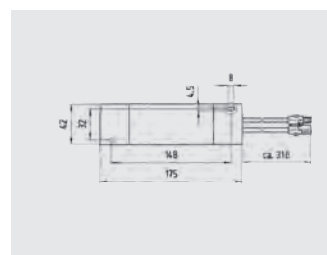
| Color | Coding | Part No. | P.U. | Price |
|-------|--------|---------------|------|-------|
| white | Code 1 | 99.449.9999.9 | 20 | |



2 pole, connections clampable, screw connection

Electronic transformer


| Color | Coding | Part No. | P.U. | Price |
|-------|--------|---------------|------|-------|
| white | Code 1 | 99.401.9999.9 | 20 | |



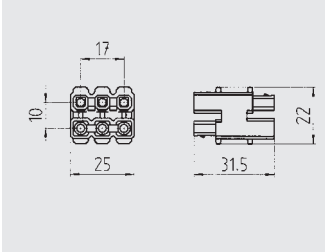
Rated voltage: 230 V AC 50/60 Hz
 Rated current: 0.45 A
 Power range: 35 – 105 W

Distribution units

Rated voltage: 48 V
Rated current: 25 A
Rated impulse voltage: 0.8 kV

Approvals: 
Locking device: **integrated**

2 pole



| Color | Cod. | Outputs | Part No. | P.U. | Price |
|-------|--------|---------|---------------|------|-------|
| white | Code 1 | 5 | 93.010.0153.0 | 100 | |


Distribution block
ST 16/2 VT 5/1 P



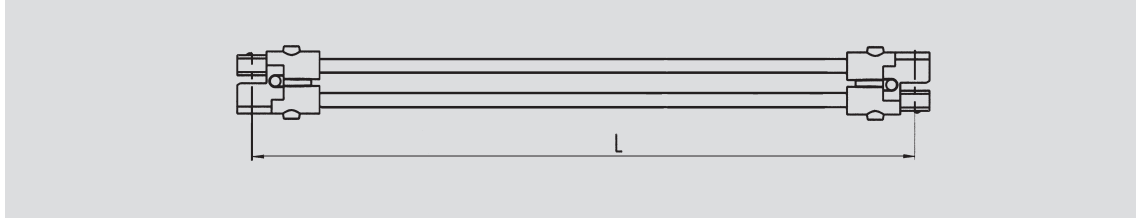
ST16

Cable assemblies, 2 pole, 2.5 mm²

Rated voltage: 48 V
 Rated current: 25 A
 Rated impulse voltage: 0.8 kV
 Cable material, H07G: halogen-free

Sheath strip length: 7 mm
 Wire stripping length: 7 mm
 Approvals: 
 Cable diameter: 4 mm
 Locking device: integrated

Connecting cables female – male



| Cable H07G | | | | | |
|--------------------|--------|----------|---------------|------|-------|
| Cable white/coding | | Length m | Part No. | P.U. | Price |
| white | Code 1 | 0.35 | 94.623.0031.2 | 250 | |
| | | 0.60 | 94.623.0631.2 | 200 | |
| | | 1.20 | 94.623.1231.2 | 100 | |
| | | 1.80 | 94.623.1831.2 | 75 | |
| | | 2.40 | 94.623.2431.2 | 50 | |
| | | | | | |

Connection cables plug connector – free end
 Wire ends with ferrules




| Cable H07G | | | | | |
|--------------------|--------|----------|---------------|------|-------|
| Cable white/coding | | Length m | Part No. H07G | P.U. | Price |
| white | Code 1 | 0.35 | 94.623.0032.2 | 250 | |
| | | 0.60 | 94.623.0632.2 | 200 | |
| | | 1.20 | 94.623.1232.2 | 100 | |
| | | 1.80 | 94.623.1832.2 | 75 | |
| | | 2.40 | 94.623.2432.2 | 50 | |
| | | | | | |

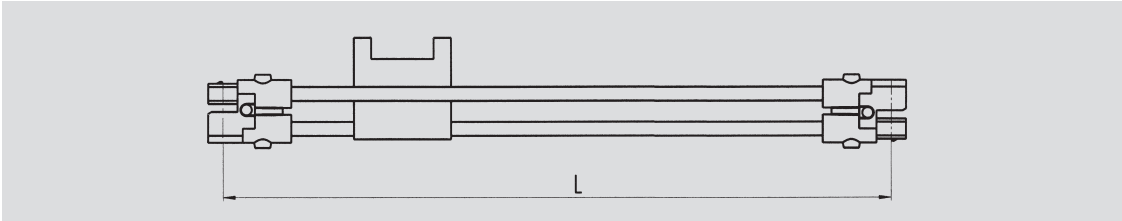


Cable assemblies, 2 pole, 2.5 mm²

Rated voltage: 48 V
 Rated current: 25 A
 Rated impulse voltage: 0.8 kV
 Cable material, H07G: halogen-free

Sheath strip length: 7 mm
 Wire stripping length: 7 mm
 Approvals: 
 Cable diameter: 4 mm
 Locking device: integrated

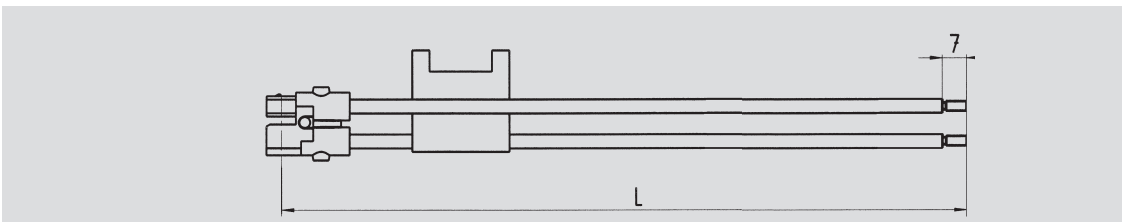
Connecting cables female – male
 with fuse holder



Cable **H07G**

| Cable white/coding | Length m | Part No. | P.U. | Price | |
|--------------------|----------|----------|---------------|-------|--|
| white | Code 1 | 0.35 | 94.603.0031.2 | 250 | |
| | | 0.60 | 94.603.0631.2 | 200 | |
| | | 1.20 | 94.603.1231.2 | 100 | |
| | | 1.80 | 94.603.1831.2 | 75 | |

Connection cables plug connector – free end
 Wire ends with ferrules



Cable **H07G**

| Cable white/coding | Length m | Part No. | P.U. | Price | |
|--------------------|----------|----------|---------------|-------|--|
| white | Code 1 | 1.20 | 94.603.1232.2 | 100 | |
| | | 1.80 | 94.603.1832.2 | 75 | |



Screw connectors



Wire cross-section
solid/fine-stranded:
Rated voltage:
Rated current:
Rated impulse voltage:

0.75 – 6.0 mm²
50 V
16 A
4 kV

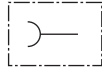
Protection rating:
Approvals:
Screw connection:
Locking device:

IP20

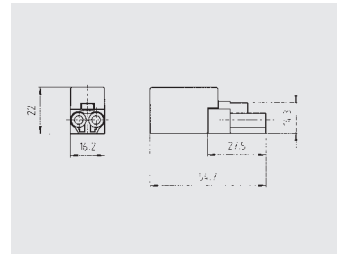
1 connection per pole, without ferrule
integrated

2 pole, cable diameter 5.5 – 7.0 mm (2,5 mm²), unassembled

Female connector
ST17/2 B1 ZE V1



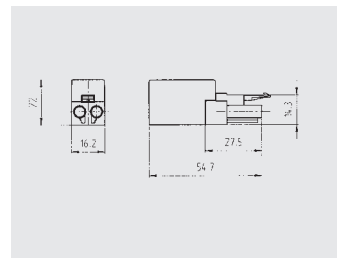
| Color | Coding | Part No. | P.U. | Price |
|-------|--------|---------------|------|-------|
| white | Code 1 | 93.941.0558.0 | 100 | |
| black | Code 1 | 93.941.0558.1 | 100 | |



Male connector
ST17/2 S ZE V1

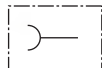


| Color | Coding | Part No. | P.U. | Price |
|-------|--------|---------------|------|-------|
| white | Code 1 | 93.942.0558.0 | 100 | |
| black | Code 1 | 93.942.0558.1 | 100 | |

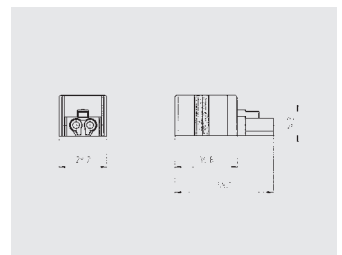


2 pole, cable diameter 11.5 – 13.5 mm (6 mm²), unassembled

Female connector
ST17/2 B1 QZE V1



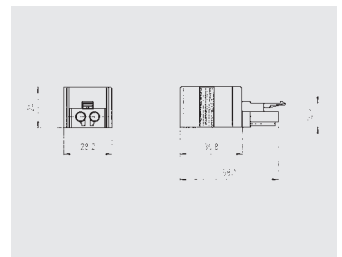
| Color | Coding | Part No. | P.U. | Price |
|-------|--------|---------------|------|-------|
| white | Code 1 | 93.941.4158.0 | 100 | |
| black | Code 1 | 93.941.4158.0 | 100 | |



Male connector
ST17/2 S QZE V1



| Color | Coding | Part No. | P.U. | Price |
|-------|--------|---------------|------|-------|
| white | Code 1 | 93.942.4158.0 | 100 | |
| black | Code 1 | 93.942.4158.1 | 100 | |




ST17

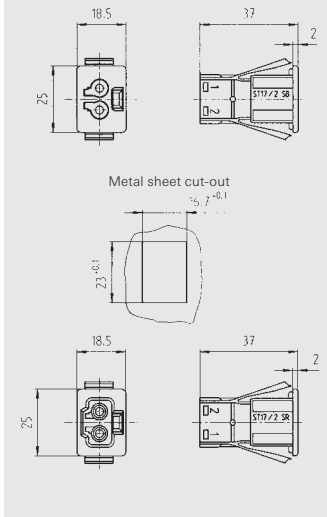
Snap-in with spring clamp connection



Solid wire cross-section: 0.5 – 2.5 mm²
 Fine-stranded wire cross-section: 1.5 mm²
 with ferrules
 Rated voltage: 50 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV

Protection rating: IP20
 Approvals: 
 Spring clamp connection: 2 connections per pole
 Locking device for flying leads: see Accessories

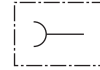
2 pole, housing material thickness 0.5 – 1.5 mm



| Color | Coding | Part No. | P.U. | Price |
|-------|--------|---------------|------|-------|
| white | Code 1 | 93.041.0258.0 | 100 | |
| black | Code 1 | 93.041.0253.0 | 100 | |

| Color | Coding | Part No. | P.U. | Price |
|-------|--------|---------------|------|-------|
| white | Code 1 | 93.042.0258.0 | 100 | |
| black | Code 1 | 93.042.0253.0 | 100 | |

Female connector
ST17/2 BR



Male connector
ST17/2 SR




ST17

Solder connectors, horizontal – electronic transformer

Rated voltage:
Rated current:
Rated impulse voltage:
Protection rating:

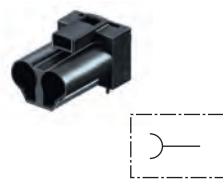
50 V
16 A
4 kV
IP20

Approvals:
Locating pins:
Locking device:
Solder fixation in PC board:

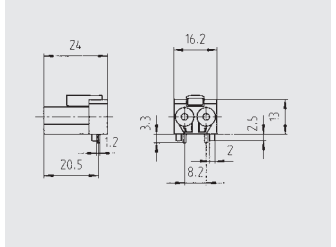
 **yes**
integrated
for solder paste mask see **Technical Data**

2 pole solder pin length = 3.3 mm

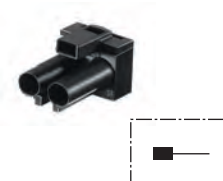
Female connector
ST17/2 BF V1



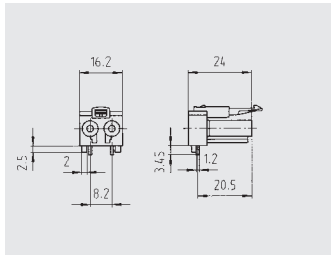
| Color | Coding | Part No. | P.U. | Price |
|-------|--------|---------------|------|-------|
| white | Code 1 | 93.081.1558.0 | 100 | |
| black | Code 1 | 93.081.1558.1 | 100 | |



Male connector
ST17/2 SF V1



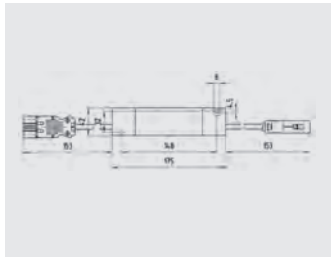
| Color | Coding | Part No. | P.U. | Price |
|-------|--------|---------------|------|-------|
| white | Code 1 | 93.082.1558.0 | 100 | |
| black | Code 1 | 93.082.1558.1 | 100 | |



2 pole connections pluggable

Electronic transformer

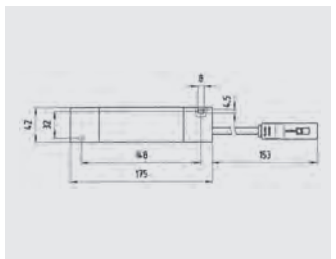
| Color | Coding | Part No. | P.U. | Price |
|-------|--------|---------------|------|-------|
| white | Code 1 | 99.449.9999.9 | 20 | |



2 pole

Electronic transformer

| Color | Coding | Part No. | P.U. | Price |
|-------|--------|---------------|------|-------|
| white | Code 1 | 99.401.9999.9 | 20 | |




Rated voltage: 230 V AC 50/60 Hz
Rated current: 0.45 A
Power range: 35 – 105 W
Approvals: 
Cable diameter: 4 mm

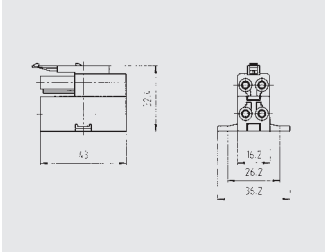
ST17

Distribution units

Rated voltage: 50 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20

Approvals: 
 Locking device: integrated

2 pole with mounting option

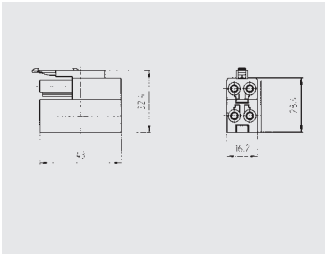


| Color | Coding | Outputs | Part No. | P.U. | Price |
|-------|--------|---------|---------------|------|-------|
| white | Code 1 | 3 | 93.040.1253.0 | 100 | |
| black | Code 1 | 3 | 93.040.1253.1 | 100 | |

H distributor
ST 17/2 VT 3/1 F



2 pole without mounting option

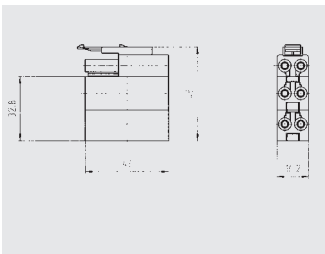


| Color | Coding | Outputs | Part No. | P.U. | Price |
|-------|--------|---------|---------------|------|-------|
| white | Code 1 | 3 | 93.040.1353.0 | 100 | |
| black | Code 1 | 3 | 93.040.1353.1 | 100 | |

H distributor
ST 17/2 VT 3/1

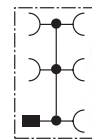


2 pole with mounting option

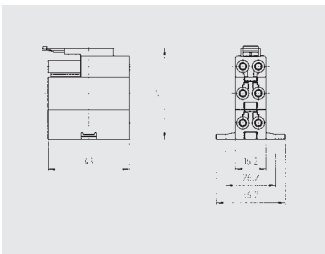


| Color | Coding | Outputs | Part No. | P.U. | Price |
|-------|--------|---------|---------------|------|-------|
| white | Code 1 | 5 | 93.040.1053.0 | 100 | |
| black | Code 1 | 5 | 93.040.1053.1 | 100 | |

HH distributor
ST17/2 VT 5/1 F

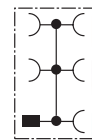


2 pole without mounting option

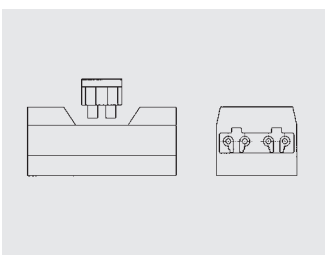


| Color | Coding | Outputs | Part No. | P.U. | Price |
|-------|--------|---------|---------------|------|-------|
| white | Code 1 | 5 | 93.040.1153.0 | 100 | |
| black | Code 1 | 5 | 93.040.1153.1 | 100 | |

HH distributor
ST17/2 VT 5/1

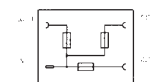


2 pole with integrated fuse holders (without fuses)




| Color | Coding | Outputs | Part No. | P.U. | Price |
|-------|--------|---------|---------------|------|-------|
| white | Code 1 | 5 | 93.040.2050.0 | 10 | |

Distribution box
ST17/2 VT 3/1 SI

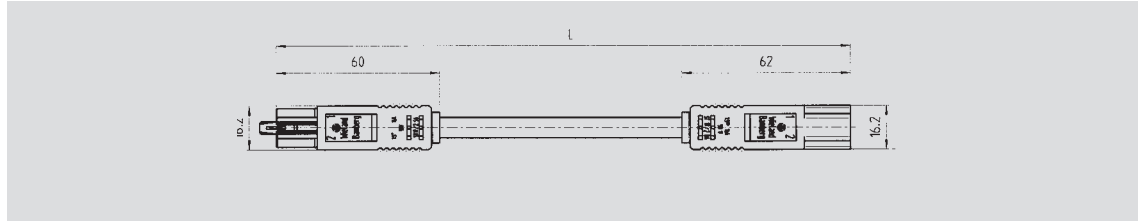


Cable assemblies, 2 pole, 1.5 mm²

Rated voltage: 50 V
 Rated current: 16 A
 Rated impulse voltage: 0.8 kV
 Protection rating: IP20
 Cable material, H05VV-F: PVC, contains halogen

Sheath strip length: 36 mm
 Wire stripping length: 7 mm
 Approvals: 
 Cable diameter: 7.5 mm
 Locking device: integrated

Connecting cables female – male



Cable H05VV-F

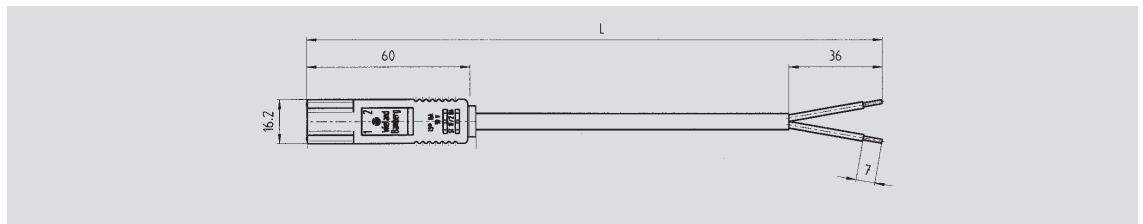
| Cable black/coding | Length m | Part No. | P.U. | Price | |
|--------------------|---------------|----------|---------------|-------|--|
| black | Code 1 | 0.5 | 94.122.0500.1 | 150 | |
| | | 0.8 | 94.122.0800.1 | 150 | |
| | | 1.0 | 94.122.1000.1 | 100 | |
| | | 1.5 | 94.122.1500.1 | 75 | |
| | | 2.0 | 94.122.2000.1 | 50 | |
| | | 2.5 | 94.122.2500.1 | 25 | |
| | | 3.0 | 94.122.3000.1 | 25 | |
| | | 3.5 | 94.122.3500.1 | 25 | |
| | | 4.0 | 94.122.4000.1 | 25 | |
| | | 5.0 | 94.122.5000.1 | 20 | |
| 6.0 | 94.122.6000.1 | 20 | | | |
| 7.0 | 94.122.7000.1 | 10 | | | |

| Cable white/coding | Length m | Part No. | P.U. | Price | |
|--------------------|----------|----------|---------------|-------|--|
| white | Code 1 | 0.5 | 94.122.0500.2 | 150 | |
| | | 1.0 | 94.122.1000.2 | 100 | |
| | | 1.5 | 94.122.1500.2 | 75 | |
| | | 2.0 | 94.122.2000.2 | 50 | |
| | | 3.0 | 94.122.3000.2 | 25 | |
| | | 4.0 | 94.122.4000.2 | 25 | |



2 = BU
 1 = BN

Connection cables female – free end
 Wire ends with ferrules



Cable H05VV-F

| Cable black/coding | Length m | Part No. | P.U. | Price | |
|--------------------|---------------|----------|---------------|-------|--|
| black | Code 1 | 0.2 | 94.122.0203.1 | 250 | |
| | | 0.3 | 94.122.0303.1 | 200 | |
| | | 0.5 | 94.122.0503.1 | 150 | |
| | | 1.0 | 94.122.1003.1 | 100 | |
| | | 1.5 | 94.122.1503.1 | 75 | |
| | | 2.0 | 94.122.2003.1 | 50 | |
| | | 2.5 | 94.122.2503.1 | 50 | |
| | | 3.0 | 94.122.3003.1 | 25 | |
| | | 4.0 | 94.122.4003.1 | 25 | |
| | | 6.0 | 94.122.6003.1 | 20 | |
| 7.0 | 94.122.7003.1 | 15 | | | |

| Cable white/coding | Length m | Part No. | P.U. | Price | |
|--------------------|----------|----------|---------------|-------|--|
| white | Code 1 | 0.2 | 94.122.0203.2 | 250 | |
| | | 0.3 | 94.122.0303.2 | 250 | |
| | | 0.5 | 94.122.0503.2 | 150 | |
| | | 1.0 | 94.122.1003.2 | 100 | |
| | | 2.0 | 94.122.2003.2 | 50 | |
| | | 3.0 | 94.122.3003.2 | 25 | |




2 = BU
 1 = BN

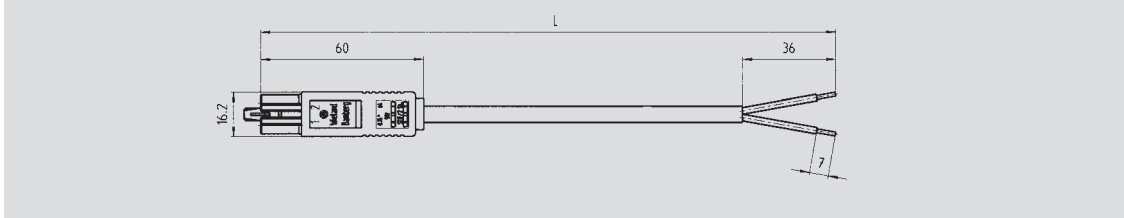
Other cables, other lengths, other codings on request

Cable assemblies, 2 pole, 1.5 mm²

Rated voltage: 50 V
 Rated current: 16 A
 Rated impulse voltage: 0.8 kV
 Protection rating: IP20
 Cable material, H05VV-F: PVC, contains halogen

Sheath strip length: 36 mm
 Wire stripping length: 7 mm
 Approvals: 
 Cable diameter: 7.5 mm
 Locking device: integrated

Connection cable male – free end
 Wire ends with ferrules



Cable **H05VV-F**

| Cable black/coding | Length m | Part No. | P.U. | Price | |
|--------------------|---------------|----------|---------------|-------|--|
| black | Code 1 | 0.3 | 94.122.0304.1 | 200 | |
| | | 0.5 | 94.122.0504.1 | 150 | |
| | | 1.0 | 94.122.1004.1 | 100 | |
| | | 1.5 | 94.122.1504.1 | 75 | |
| | | 2.0 | 94.122.2004.1 | 50 | |
| | | 2.5 | 94.122.2504.1 | 50 | |
| | | 3.0 | 94.122.3004.1 | 25 | |
| | | 4.0 | 94.122.4004.1 | 25 | |
| | | 6.0 | 94.122.6004.1 | 20 | |
| 8.0 | 94.122.8004.1 | 10 | | | |

| Cable white/coding | Length m | Part No. | P.U. | Price | |
|--------------------|----------|----------|---------------|-------|--|
| white | Code 1 | 0.5 | 94.122.0504.2 | 150 | |
| | | 1.0 | 94.122.1004.2 | 100 | |
| | | 1.5 | 94.122.1504.2 | 75 | |
| | | 2.0 | 94.122.2004.2 | 50 | |
| | | 2.5 | 94.122.2504.2 | 50 | |
| | | 3.0 | 94.122.3004.2 | 25 | |
| | | 4.0 | 94.122.4004.2 | 25 | |
| | | 5.0 | 94.122.5004.2 | 25 | |
| | | 8.0 | 94.122.8004.2 | 10 | |




2 = BU
 1 = BN



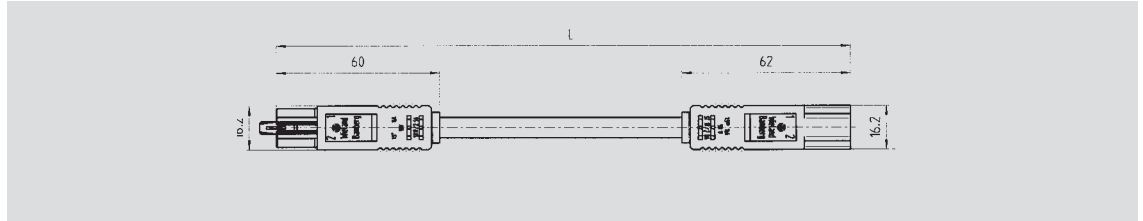
Other cables, other lengths, other codings on request

Cable assemblies, 2 pole, 2.5 mm²

Rated voltage: 50 V
 Rated current: 16 A
 Rated impulse voltage: 0.8 kV
 Protection rating: IP20
 Cable material, H05VV-F: PVC, contains halogen

Sheath strip length: 36 mm
 Wire stripping length: 7 mm
 Approvals: 
 Cable diameter: 8.1 mm
 Locking device: integrated

Connecting cables female – male



Cable H05VV-F

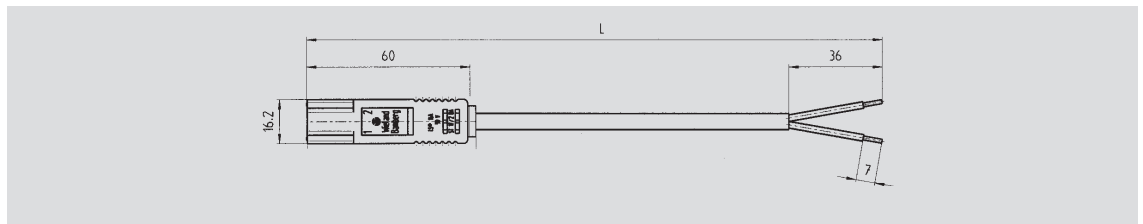
| Cable black/coding | Length m | Part No. | P.U. | Price | |
|--------------------|---------------|----------|---------------|-------|--|
| black | Code 1 | 0.5 | 94.123.0500.1 | 150 | |
| | | 1.0 | 94.123.1000.1 | 150 | |
| | | 1.5 | 94.123.1500.1 | 75 | |
| | | 2.0 | 94.123.2000.1 | 50 | |
| | | 2.5 | 94.123.2500.1 | 30 | |
| | | 3.0 | 94.123.3000.1 | 25 | |
| | | 4.0 | 94.123.4000.1 | 25 | |
| 6.0 | 94.123.6000.1 | 20 | | | |

| Cable white/coding | Length m | Part No. | P.U. | Price | |
|--------------------|----------|----------|---------------|-------|--|
| white | Code 1 | 0.5 | 94.123.0500.2 | 150 | |
| | | 1.0 | 94.123.1000.2 | 100 | |
| | | 1.5 | 94.123.1500.2 | 75 | |
| | | 2.0 | 94.123.2000.2 | 50 | |
| | | 3.0 | 94.123.3000.2 | 25 | |
| | | 4.0 | 94.123.4000.2 | 25 | |



2 = BU
 1 = BN

Connection cables female – free end
 Wire ends with ferrules



Cable H05VV-F

| Cable black/coding | Length m | Part No. H05VV-F | P.U. | Price | |
|--------------------|----------|------------------|---------------|-------|--|
| black | Code 1 | 0.5 | 94.123.0503.1 | 150 | |
| | | 1.0 | 94.123.1003.1 | 100 | |
| | | 1.5 | 94.123.1503.1 | 75 | |
| | | 2.0 | 94.123.2003.1 | 50 | |
| | | 2.5 | 94.123.2503.1 | 50 | |
| | | 4.0 | 94.123.4003.1 | 25 | |




2 = BU
 1 = BN

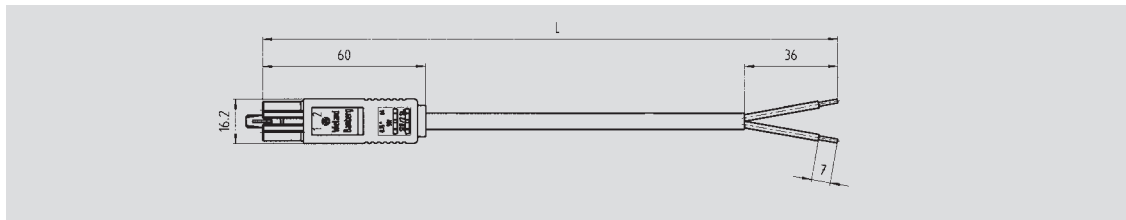
Other cables, other lengths, other codings on request

Cable assemblies, 2 pole, 2.5 mm²

Rated voltage: 50 V
 Rated current: 16 A
 Rated impulse voltage: 0.8 kV
 Protection rating: IP20
 Cable material, H05VV-F: PVC, contains halogen

Sheath strip length: 36 mm
 Wire stripping length: 7 mm
 Approvals: 
 Cable diameter: 8.1 mm
 Locking device: integrated

Connection cable male – free end
 Wire ends with ferrules



Cable **H05VV-F**

| Cable black/coding | Length m | Part No. | P.U. | Price |
|--------------------|----------|---------------|------|-------|
| black | 0.5 | 94.123.0504.1 | 150 | |
| | 1.0 | 94.123.1004.1 | 100 | |
| | 2.0 | 94.123.2004.1 | 50 | |
| | 4.0 | 94.123.4004.1 | 25 | |

| Cable white/coding | Length m | Part No. | P.U. | Price |
|--------------------|----------|---------------|------|-------|
| white | 0.5 | 94.123.0504.2 | 150 | |
| | 2.0 | 94.123.2004.2 | 50 | |
| | 2.5 | 94.123.2504.2 | 50 | |
| | 4.0 | 94.123.4004.2 | 25 | |



2 = BU
 1 = BN



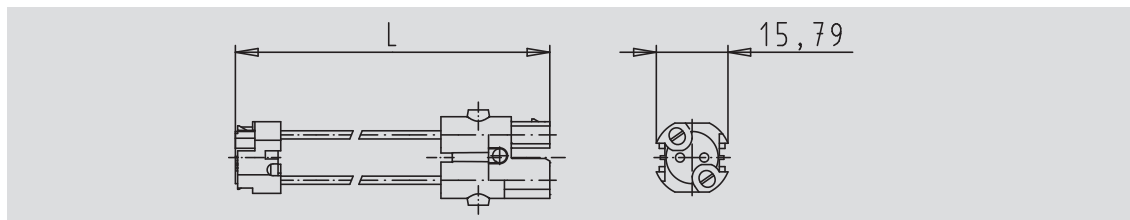
Other cables, other lengths, other codings on request

Cable assemblies with low-voltage halogen base

ST16
 Rated voltage: 48 V
 Rated current: 25 A
 Rated impulse voltage: 0.8 kV
 Protection rating: IP20, IP40 when plugged
 Cable material, H07G: halogen-free, silicone
 Cable diameter: 4 mm
 Locking device: integrated

ST17
 Rated voltage: 48 V
 Rated current: 6 A
 Rated impulse voltage: 0.8 kV
 Protection rating: IP20, IP40 when plugged
 Cable material, H05S-K: halogen-free
 Cable diameter: 2.45 mm
 Locking device: integrated

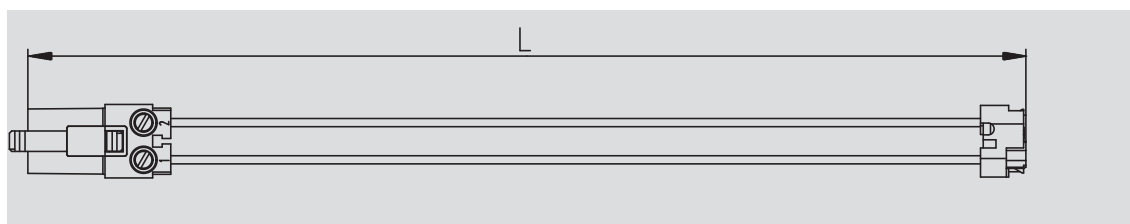
ST16 connection cable female – male
 with low-voltage halogen base GX 5.3



Cable H07G

| Cable white/coding | | Length m | Part No. | P.U. | Price |
|--------------------|--------|----------|---------------|------|-------|
| white | Code 1 | 0.1 | 99.460.9999.9 | 300 | |
| | | 0.3 | 99.461.9999.9 | 100 | |
| | | 1.0 | 99.464.9999.9 | 50 | |
| | | 1.2 | 99.465.9999.9 | 50 | |
| | | 2.0 | 99.469.9999.9 | 25 | |
| | | | | | |
| | | | | | |

ST17 connection cable female – male
 with low-voltage halogen base GX 5.3




Cable H05S-K

| Cable white/coding | | Length m | Part No. | P.U. | Price |
|--------------------|--------|----------|---------------|------|-------|
| white | Code 1 | 0.1 | 99.470.9999.9 | 250 | |
| | | 1.0 | 99.474.9999.9 | 100 | |
| | | 1.6 | 99.477.9999.9 | 5 | |
| | | 2.0 | 99.479.9999.9 | 25 | |
| | | | | | |
| | | | | | |

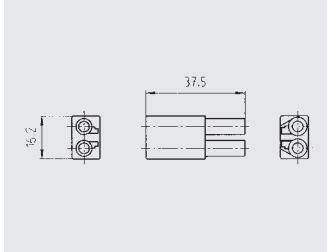
Intermediate coupling, covers

Blade-type fuse, type C

Rated voltage: 50 V
 Rated current: 16 A
 Rated impulse voltage: 0.8 kV
 Protection rating: IP20, IP40 when plugged

Approvals: 
 Locking device: **integrated**

2 pole, intermediate coupling

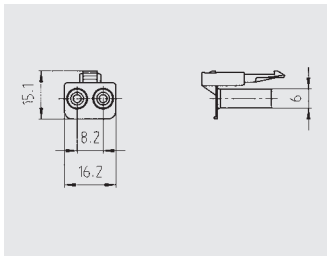


| Color | Coding | Output | Part No. | P.U. | Price |
|-------|--------|--------|---------------|------|-------|
| white | Code 1 | 1 | 93.040.0258.0 | 100 | |

Intermediate coupling
 ST17/2 ZK 1/1



2 pole, cover for covering open contacts

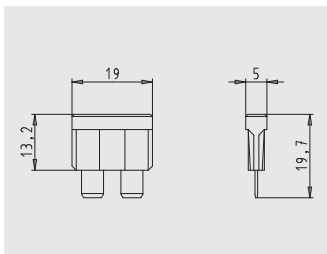


| Color | Coding | Output | Part No. | P.U. | Price |
|-------|--------|--------|---------------|------|-------|
| white | Code 1 | | Z5.586.4653.0 | 200 | |
| black | Code 1 | | Z5.586.4653.1 | 200 | |

Cover for
 female connectors



Fuse type C according to DIN 72581 part 3, for distribution block



| Color | Coding | Output | Part No. | P.U. | Price |
|-------------|--------|--------------|---------------|------|-------|
| purple | | 3.0 A 35 W | Z8.000.0175.5 | 25 | |
| light brown | | 5.0 A 50 W | Z8.000.0175.7 | 25 | |
| red | | 10.0 A 100 W | Z8.000.0175.9 | 25 | |
| light blue | | 15.0 A 150 W | Z8.000.0176.0 | 25 | |

PC board connectors



Fine-stranded wire cross-section: 0.22 – 0.35 mm²

Rated voltage: 32 V

Rated current: 3.0 A

Dielectric strength: 1.4 kV

Approvals:



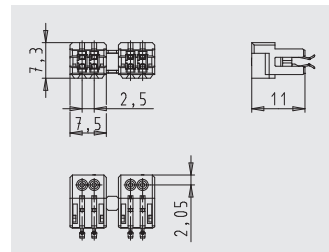
Distribution unit, configuration: on PC board

LST03i2

2 pole

Female connector

| Color | Coding | Coding bridge | Part No. | P.U. | Price |
|-------|--------|---------------|---------------|------|-------|
| white | Code 1 | without | 93.572.0053.0 | 100 | |
| white | Code 1 | with | 93.572.0153.0 | 100 | |

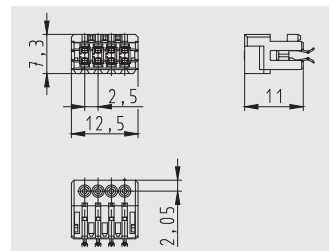
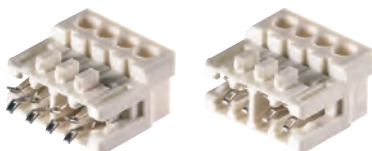


LST03i4

4 pole

Female connector

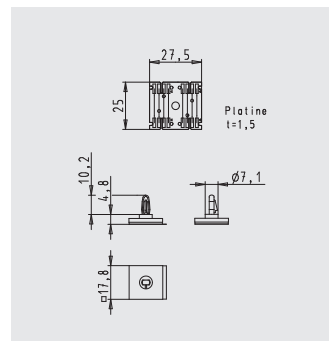
| Color | Coding | Coding bridge | Part No. | P.U. | Price |
|-------|--------|---------------|---------------|------|-------|
| white | Code 1 | without | 93.574.0053.0 | 100 | |
| white | Code 1 | with | 93.574.0153.0 | | |



4 pole PCB distributor

PCB distributor

| Color | Coding | Part No. | P.U. | Price |
|-------|--------|---------------|------|-------|
| white | Code 1 | 26.560.5353.0 | 50 | |

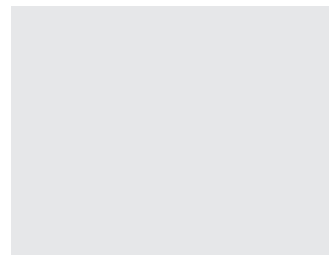


Accessories

2/4 pole

Assembly tool

| Color | Coding | Part No. | P.U. | Price |
|---------------|--------|---------------|------|-------|
| Assembly tool | | 95.101.2400.0 | 1 | |




Preassembled connectors available on request

Cable assemblies

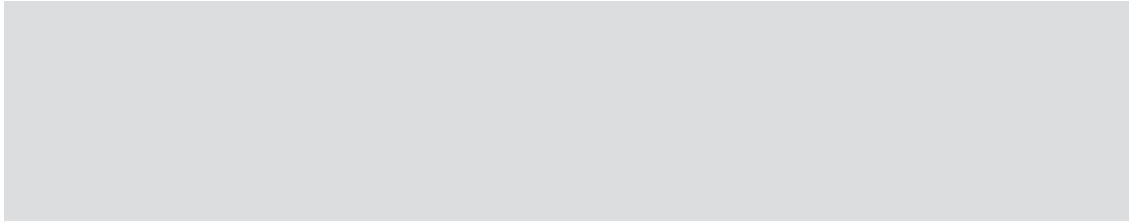
Fine-stranded wire cross-section: 0.22 – 0.35 mm²
as per customer specifications

Rated voltage: 32 V
 Rated current: 3.0 A
 Rated impulse voltage: 1.4 kV

Approvals:
Delivery:

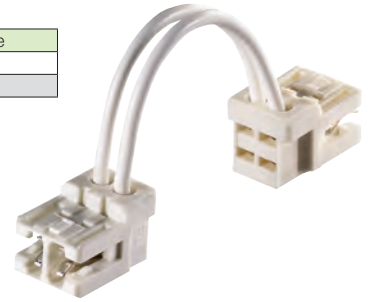
 cable sets

Extension cables, plug connectors

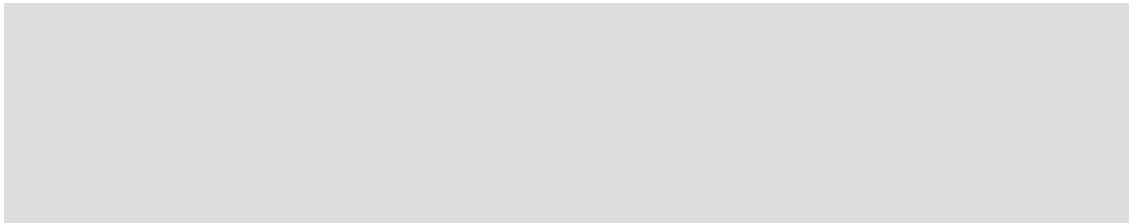


2 pole

| Cable white/coding | Length m | Part No. | P.U. | Price | Part No. | P.U. | Price |
|--------------------|----------|------------|------|-------|----------|------|-------|
| white | Code 1 | on request | | | | | |

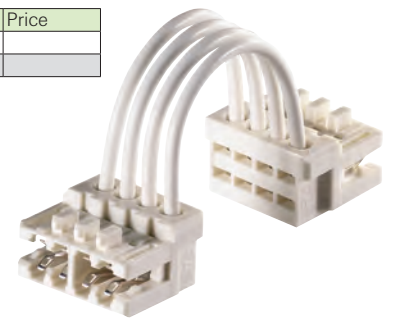


Extension cables, plug connectors



4 pole

| Cable white/coding | Length m | Part No. | P.U. | Price | Part No. | P.U. | Price |
|--------------------|----------|------------|------|-------|----------|------|-------|
| white | Code 1 | on request | | | | | |



LST03i2

LST03i4

The flexible busbar Space-saving and safe

6 mm² feed-in

The feed-in module is suitable for supply with NYM cables with a cross-section of up to 5x6 mm². The robust strain relief is directly integrated.

2.5 and 4 mm²

2 cable cross sections, 3 colors, 2 applications combined in one cable geometry.

Variable phase pre-selection for GST18i3

Before contacting, the phase for the supply of the 3 pole GST18i3 output can be selected with a phase selector.

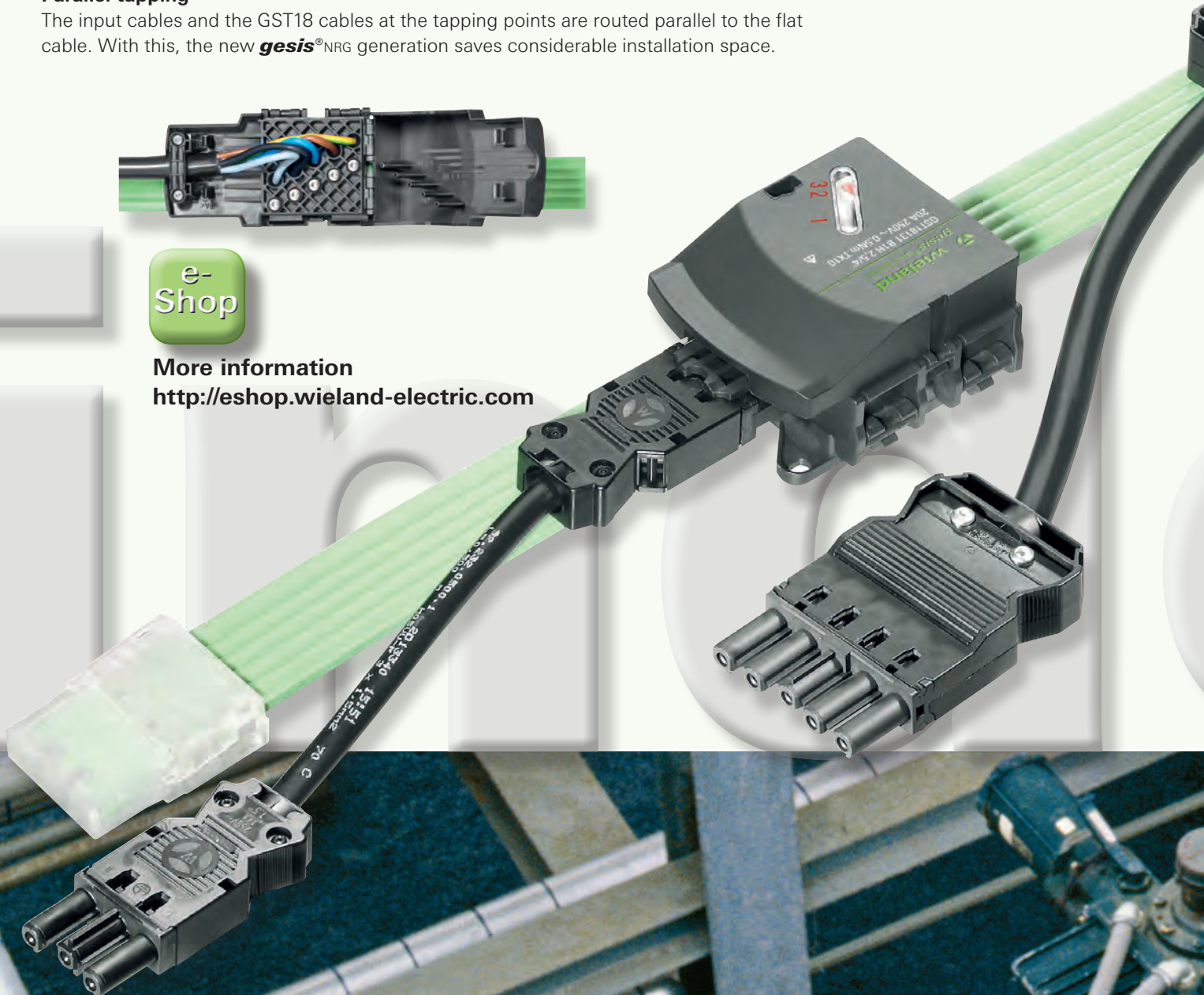
And it is still possible to change the phase subsequently: Just loosen the contact screw, push the slider to the new position and make a new contact. The adapter does not need to be moved – a significant advantage of the system.

Parallel tapping

The input cables and the gesis® cables at the tapping points are routed parallel to the flat cable. With this, the new gesis® NRG generation saves considerable installation space.

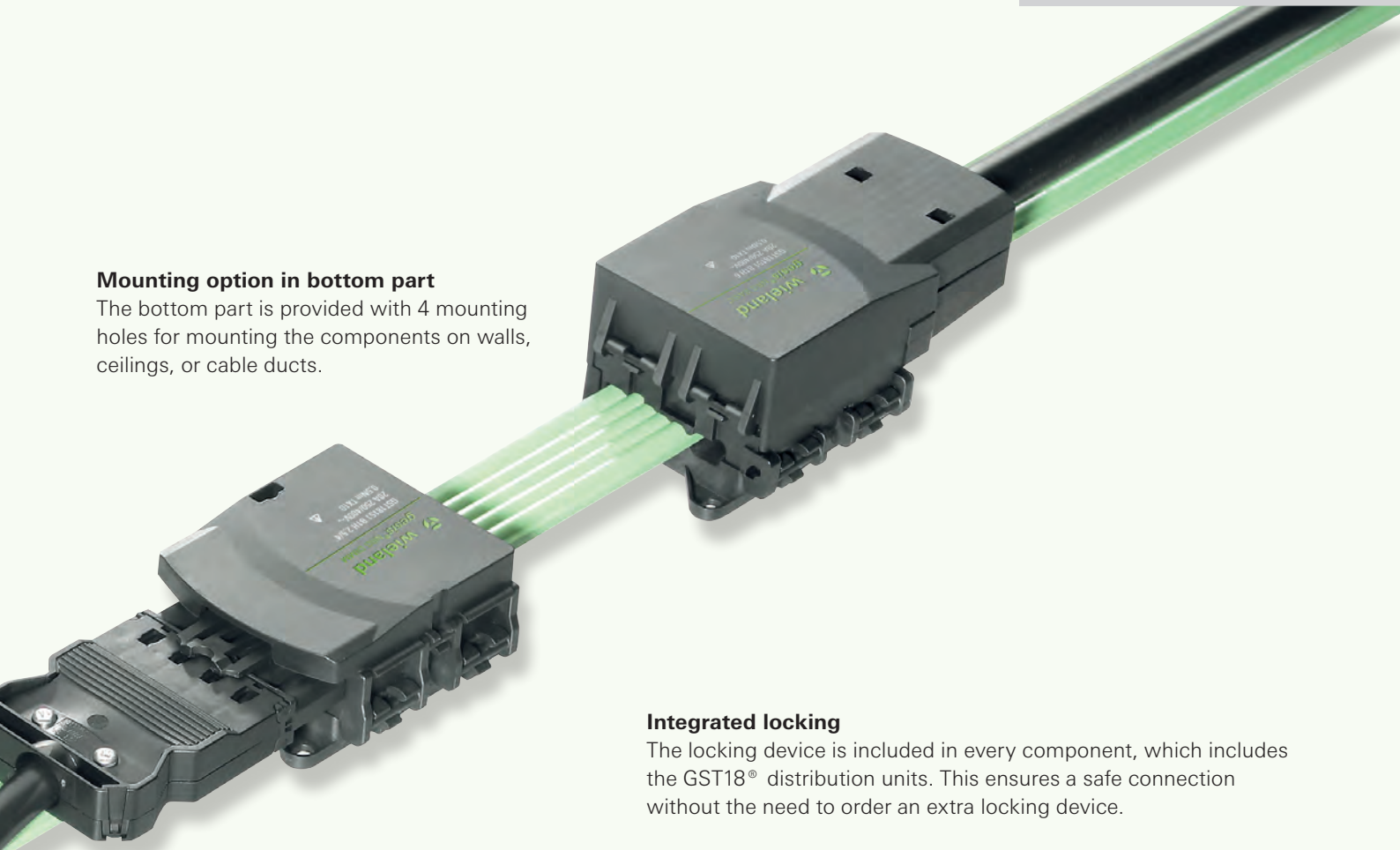


More information
<http://eshop.wieland-electric.com>



Mounting option in bottom part

The bottom part is provided with 4 mounting holes for mounting the components on walls, ceilings, or cable ducts.



Integrated locking

The locking device is included in every component, which includes the GST18® distribution units. This ensures a safe connection without the need to order an extra locking device.

Dimming coding

There are special flat cables, inputs and a GST18i5 adapter in pastel blue coding for implementing flat cable lighting installations.

Inspection window for phase selection

The transparent inspection window lets you check which one of the 3 phases is connected to the GST18i3 line even when the cover is closed.

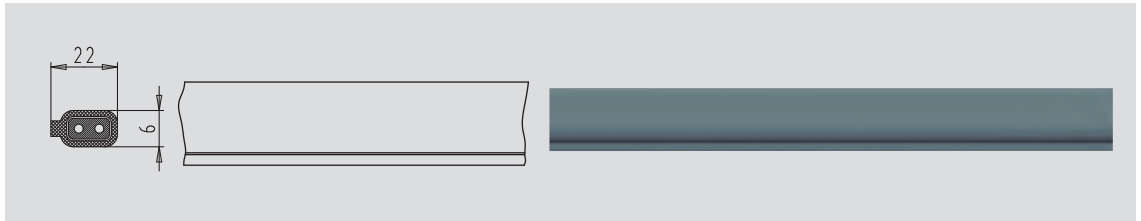


Flat cables, 2 pole, 1.5 mm²

| | | | |
|-------------------------------|-------------------------|------------------------------|---------------------------------------|
| Rated voltage: | 50 V | Connection technique: | insulation piercing |
| Rated current: | 3 A | Approval: | |
| Rated impulse voltage: | | Locking device: | integrated |
| Protection rating: | IP20, IP40 when plugged | Output: | pluggable, parallel to line direction |

Flat cable, gray (bus line)

Double shielded, indicate cutting length (max. 1000 m)



| Cable color | Part No. | P.U. | Price | Part No. | P.U. | Price |
|-------------|-----------------------|------|-------|---------------|------|-------|
| dark gray | 00.702.1022.3 | 1 | | 00.709.1022.3 | 1 | |
| | PVC, contains halogen | | | halogen-free | | |

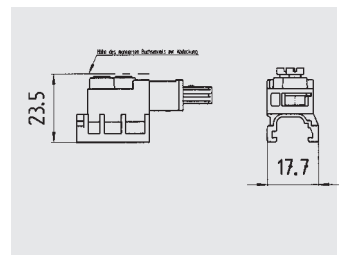
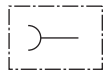
Cable width approx. 11 mm, cable height approx. 6 mm.

Functional safety can only be guaranteed, if the original cable is used. For more information see Technical Data.

2 pole, flat cable adapter

Tapping KNX signal
Female connector
BST14i2

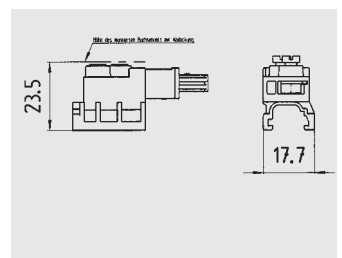
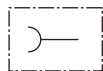
| Color | Coding | Part No. | P.U. | Price |
|-------------|---------------|---------------|------|-------|
| black/green | Code 1 1+, 2- | 93.421.0953.0 | 50 | |



3 pole, without screen contacts

Tapping bus/signal
Female connector
BST14i3

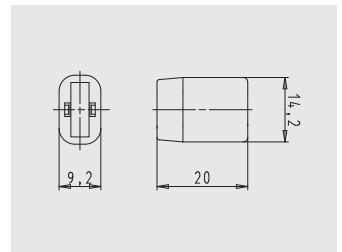
| Color | Coding | Part No. | P.U. | Price |
|-------------|---------------|---------------|------|-------|
| black/black | Code 1 1+, 2- | 93.421.2953.1 | 50 | |



Cable end cap

Cable end cap

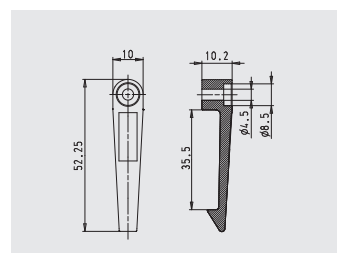
| Color | Coding | Part No. | P.U. | Price |
|-------------|--------|---------------|------|-------|
| transparent | | 05.562.4400.0 | 20 | |



Cable clip

Cable clip

| Color | Coding | Part No. | P.U. | Price |
|-------|--------|---------------|------|-------|
| gray | | 05.562.3000.0 | 100 | |

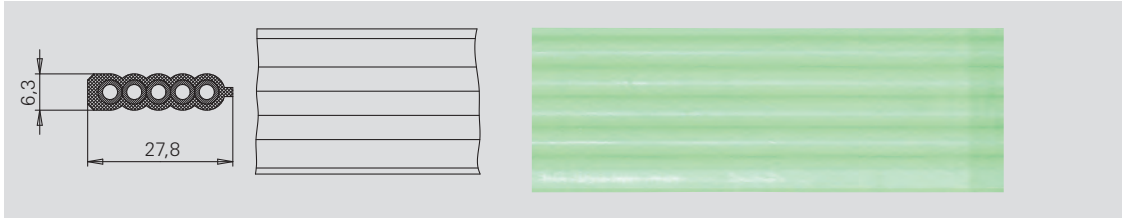


Flat cables, 5 pole, 2.5 mm² and 4 mm²

Rated voltage: 250 V/400 V
 Rated current: 20 A
 Protection rating: IP20
 Cable approvals: requested
 Cable bending radius: static, approx. 60 mm

Connection technique: insulation piercing
 Approval: requested
 Locking device: integrated
 Output: pluggable, parallel to line direction
 Adapters are supplied without cable.
 Observe the installation instructions in the Technical data!

Flat cable (5 x 2.5 mm² / 5 x 4 mm²)
 Indicate cutting length (max. 350 m)



black/green
 Power 250V/400V



⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY

blue
 Power 250 V + dimming



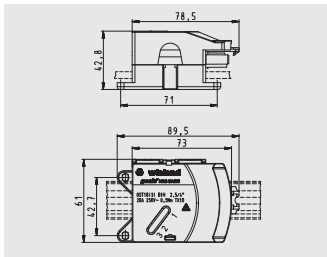
⊕ = GN/YE
 N = BU
 1 = BN
 D2 = BK
 D1 = GY

| Cable color *) | | Part No. PVC | P.U. | Price | Part No. halogen-free | P.U. | Price |
|----------------|---------------------|---------------|---------------|-------|-----------------------|------|-------|
| green | | 00.712.0303.7 | 1 | | 00.710.0303.7 | 1 | |
| black | 2.5 mm ² | 5G2,5 | 00.712.0303.1 | 1 | 00.710.0303.1 | 1 | |
| pastel blue | | | 00.712.0303.6 | 1 | 00.710.0303.6 | 1 | |
| green | | | | | 00.710.0304.7 | 1 | |
| black | 4 mm ² | 5G4 | | | 00.710.0304.1 | 1 | |
| pastel blue | | | | | 00.710.0304.6 | 1 | |

*) Other cable colors on request

Functional safety can only be guaranteed, if the original cable is used. For more information see Technical Data.
 The blue cable must only be installed with blue components, the black/green cable only with black components.

3 pole flat cable adapter with phase pre-selection, direct routing to GST18i3

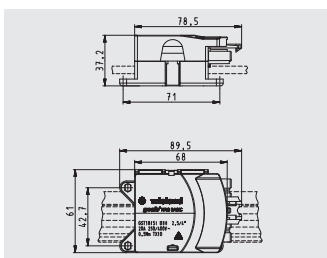


| Color | Coding Tapping | Part No. | P.U. | Price |
|-------|-------------------|---------------|------|-------|
| black | Code 1 L, PE, N | 92.031.5453.1 | 20 | |

Power tapping with phase pre-selection
 Female connector GST18i3



5 pole flat cable adapter, direct routing to GST18i5

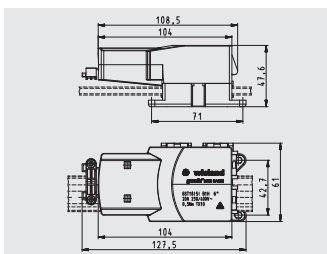


| Color | Coding | Part No. | P.U. | Price |
|-------------|---------------------------|---------------|------|-------|
| black | Code 1 3, N, PE, 2, 1 | 92.051.5453.1 | 20 | |
| pastel blue | Code 2 D2, D1, PE, N, L | 92.051.5553.0 | 20 | |

Power tapping
 Female connector GST18i5



Power supply for round cables 12-16 mm, screw connection

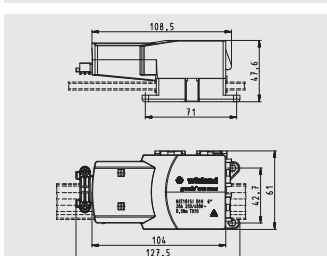


| Color | Connec. cross-section | Part No. | P.U. | Price |
|-------|--|---------------|------|-------|
| black | 6 mm ² (r), 4 mm ² (f) | 92.050.1553.1 | 5 | |

Power supply



Power+dimming supply for round cables 12-16 mm, screw connection




| Color | Connec. cross-section | Part No. | P.U. | Price |
|-------------|--|---------------|------|-------|
| pastel blue | 6 mm ² (r), 4 mm ² (f) | 92.050.1653.0 | 5 | |

Dimming feed



Flat cables, 5 + 2 pole, 5 x 2.5 mm², 2 x 1.5 mm²

Rated voltage: 250/400 V
Rated current: 16 A
Protection rating: IP20
Approvals: 
Bending radius: static, approx. 18 mm **Screen:** double

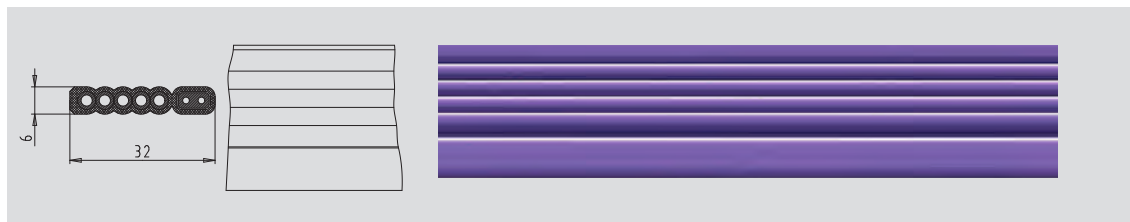
Flat cable, purple (mains + bus, 5 x 2.5 mm² + 2 x 1.5 mm²)

Indicate cutting length (max. 350 m)



⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY

 1+ = Bus
 2- = Bus



| Cable color | Part No. | P.U. | Price | Part No. LSOH | P.U. | Price |
|-------------|-----------------------|------|-------|---------------|------|-------|
| purple | 00.702.0323.9 | 1 | | 00.709.0323.9 | 1 | |
| | PVC, contains halogen | | | halogen-free | | |

Cable width approx. 32 mm, cable height approx. 6 mm.
 Functional safety can only be guaranteed, if the original cable is used. For more information see Technical Data.

Sheath strip knife for flat cables

Sheath strip knife

| Color | Part No. | P.U. | Price |
|-------|---------------|------|-------|
| | 95.350.0500.0 | 1 | |



Cable end cap, sheath strip length approx. 20 mm

Cable end cap

| Color | Part No. | P.U. | Price |
|-------------|---------------|------|-------|
| transparent | 05.562.2900.0 | 20 | |



Sample kit

Sample kit, flat cable, 5 + 2 pole

| Part No. | P.U. | Price |
|---------------|------|-------|
| 99.477.0000.0 | 1 | |



Sample kit, complete

Sample kit, complete with adapter

| Part No. | P.U. | Price |
|---------------|------|-------|
| 99.470.0000.0 | 1 | |

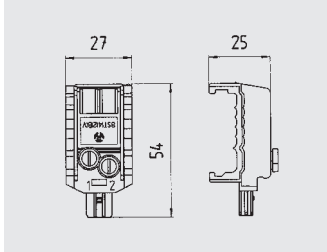


Flat cable adapter, 5 + 2 pole

Rated voltage GST: 250/400 V
 Rated voltage BST: 50 V
 Rated current GST: 16 A
 Rated current BST: 3 A
 Protection rating: IP20

Connection technique: insulation piercing
 Approval:
 Locking device: separate
 Output: pluggable, at right angle to line direction
 Supplied without cable. Observe the installation instructions in the Technical data!

2 pole, flat cable adapter, direct routing to BST14i2 / BST14i3

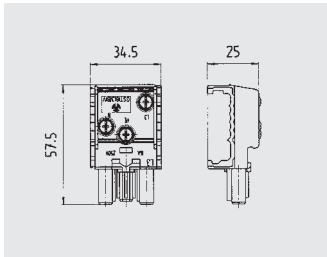


| Color | Coding | Tapping | Part No. | P.U. | Price |
|-------|--------|---------|---------------|------|-------|
| green | Code 1 | 1+, 2- | 93.421.0853.0 | 50 | |
| black | Code 3 | 1+, 2- | 93.421.2853.1 | 50 | |

Tapping bus/signal
 Female connector BST14

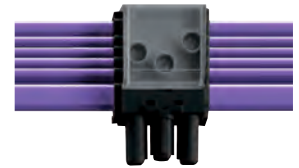


3 pole, flat cable adapter, direct routing to GST18i3

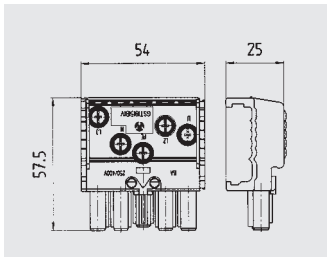


| Color | Coding | Tapping | Part No. | P.U. | Price |
|-------|--------|-----------|---------------|------|-------|
| black | Code 1 | L1, N, PE | 92.031.4153.1 | 50 | |
| black | | L2, N, PE | 92.031.4253.1 | 50 | |
| black | | L3, N, PE | 92.031.4353.1 | 50 | |

Tapping power 3 pole
 Female connector GST18i3



5 pole, flat cable adapter, direct routing to GST18i5

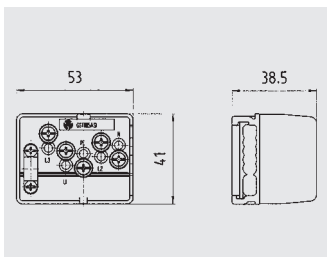


| Color | Coding | Tapping | Part No. | P.U. | Price |
|-------|--------|------------------|---------------|------|-------|
| black | Code 1 | L1, L2 L3, N, PE | 92.051.0353.1 | 50 | |

Tapping power 3 pole
 Female connector GST18i5



Mains feed for round cables 5 – 13 mm, screw connection

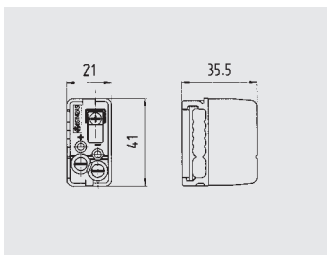


| Color | Connection cross-section | Part No. | P.U. | Price |
|-------|--------------------------|---------------|------|-------|
| black | 2.5 mm ² | 92.050.8053.0 | 50 | |

Connection box
 GST18i5



Bus feed for round cables 3 – 8 mm, screw connection



| Color | Connection cross-section | Part No. | P.U. | Price |
|-------|--------------------------|---------------|------|-------|
| black | | 93.420.1053.0 | 50 | |

Feed in bus/signal
 Female connector BST14i2 ASI



Accessories for flat cables, 5 pole, 2.5 mm² and 4 mm²

Protection rating:
Approvals:

IP20
⚠ requested

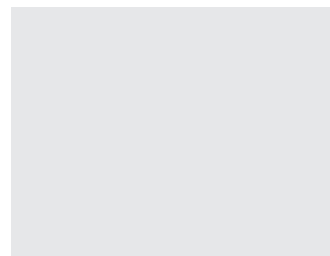
Functional safety can only be guaranteed, if the original cable is used.
For more information see Technical Data.

Cable cutter for flat cables

Cable cutter

| Part No. | P.U. | Price |
|---------------|------|-------|
| 95.300.0600.0 | 1 | |

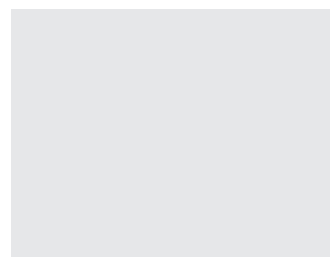
This tool must be used for correct placement of the cable end cap.



Cable end cap

Cable end cap

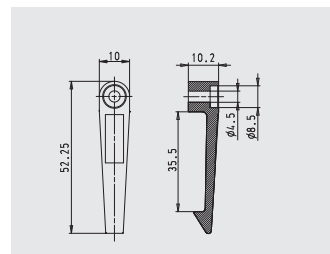
| Color | Part No. | P.U. | Price |
|-------------|---------------|------|-------|
| transparent | 06.562.0653.0 | 20 | |




Cable clip


Cable clip

| Color | Part No. | P.U. | Price |
|-------|---------------|------|-------|
| gray | 05.562.3000.0 | 100 | |



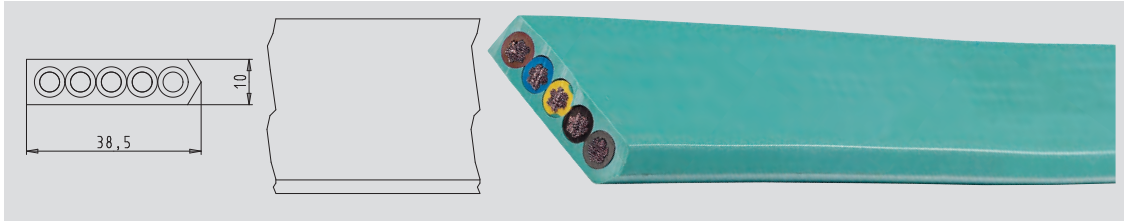
Flat cables, 5 pole, 10 mm²

Rated voltage: 250/400 V
 Rated current: 50 A
 Rated impulse voltage:
 Protection rating: IP20
 Cable approval: 

Adapters are supplied without cable.
 Observe the installation instructions in the Technical data!
 Adapter approval: 

Flat cable, light green, (mains, 5 pole, 10 mm²)

Indicate cutting length (max. 500 m)



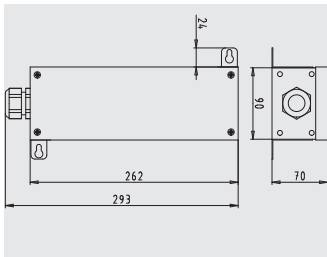
⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY

| Cable color | Part No. | P.U. | Price | Part No. FR/LSOH | P.U. | Price |
|-------------|-----------------------|------|--------|------------------|------|-------|
| light green | 00.702.0306.7 | 1 | 12,87* | 00.709.0306.7 | 1 | |
| | PVC, contains halogen | | | halogen-free | | |

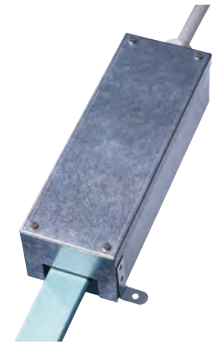
Cable width approx. 38.5 mm, cable height approx. 10 mm.

Functional safety can only be guaranteed, if the original cable is used. For more information see Technical Data.

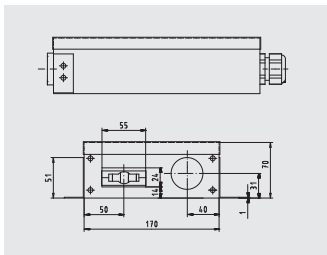
5 pole, feed, 5 x 10 mm², screw connection, 5 pole, with strain relief



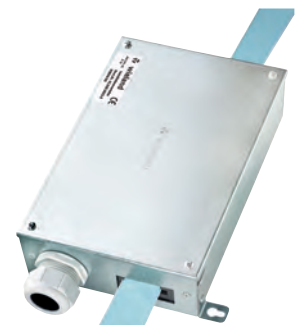
| Color | Coding | Part No. | P.U. | Price |
|-------------|-------------------|---------------|------|---------|
| zinc-plated | L3, L2, PE, N, L1 | 92.050.8253.0 | 1 | 101,82* |



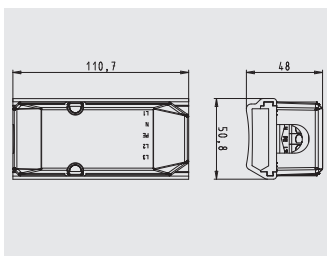
5 pole, central feed, 5 x 10 mm², screw connection, 5 pole, with strain relief



| Color | Coding | Part No. | P.U. | Price |
|-------------|-------------------|---------------|------|-------|
| zinc-plated | L3, L2, PE, N, L1 | 92.050.8853.0 | 1 | |



5 pole, adapter, 5 x 4 mm², tension spring connection with strain relief




| Color | Coding | Part No. | P.U. | Price |
|-------|-------------------|---------------|------|-------|
| white | L3, L2, PE, N, L1 | 92.050.8353.0 | 25 | |

Flat cable adapter



Flat cables, 5 pole, 16 mm²

Rated voltage: 250/400 V
 Rated current: 63 A
 Protection rating: IP65
 Approval: 

Adapters are supplied without cable.
 Observe the installation instructions in the Technical data!

Flat cable, light gray, (mains, 5 pole, 16 mm²)

Indicate cutting length (max. 500 m)



⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY



| Cable color | Part No. | P.U. | Price | Part No. | P.U. | Price |
|-------------|-----------------------|------|-------|---------------|------|-------|
| light green | 00.702.0307.3 | 1 | | 00.709.0307.3 | 1 | |
| | PVC, contains halogen | | | halogen-free | | |

Cable width approx. 48.5 mm, cable height approx. 11.3 mm.

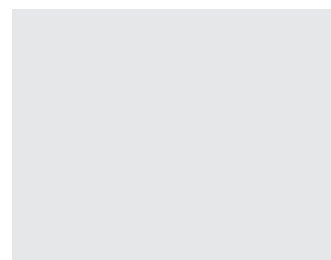
Functional safety can only be guaranteed, if the original cable is used. For more information see Technical Data.

Feed, 5 pole, for round cables, 5 x 16 mm², with screw connection

Feed



| Color | Part No. | P.U. | Price |
|-------|---------------|------|-------|
| black | 92.050.8453.0 | 1 | |

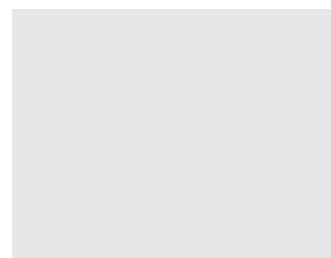


5 pole, tapping adapter, 5 x 6 mm², tension spring connection

Flat cable adapter for mains (output)



| Color | Part No. | P.U. | Price |
|-------|---------------|------|-------|
| black | 92.050.8553.0 | 1 | |

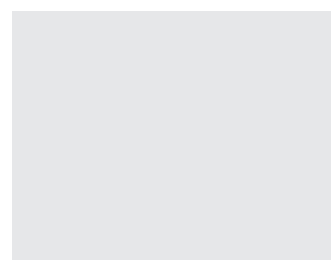


Flat cable adapter GST18



5 pole, flat cable adapter incl. circuit breaker and GST18 outputs

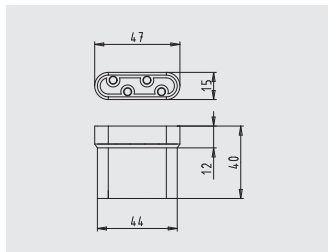
| Color | Part No. | P.U. | Price |
|-------------|---------------|------|-------|
| zinc-plated | G0.000.0044.7 | 1 | |



Accessories for flat cables, 5 pole, 10/16 mm²

Supplied without cable.
Functional safety can only be guaranteed,
if the original cable is used.
For more information see Technical Data.

Cable end cap 10 mm² sheath strip length approx. 20 mm

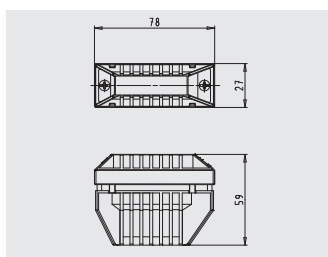


| Color | Part No. | P.U. | Price |
|-------------|---------------|------|-------|
| transparent | 05.563.9553.0 | 10 | |

Cable end cap
10 mm²



Cable end cap 16 mm² sheath strip length approx. 20 mm

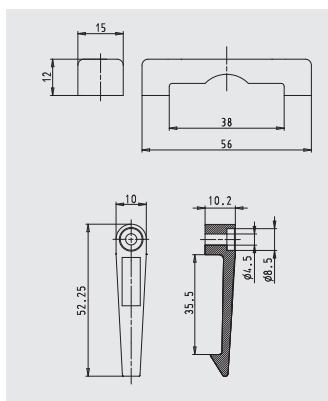


| Color | Part No. | P.U. | Price |
|-------------|---------------|------|-------|
| transparent | 05.563.9453.0 | 4 | |

Cable end cap
16 mm²



Cable clip for flat cables 10/16 mm²



| Color | Part No. | P.U. | Price |
|-------|---------------|------|-------|
| black | 05.563.9753.0 | 100 | |

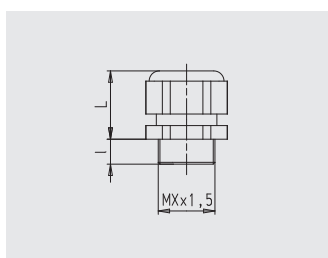
Cable clip



Cable clip

| Color | Part No. | P.U. | Price |
|-------|---------------|------|-------|
| gray | 05.562.3000.0 | 100 | |

Cable gland for connection boxes



| Color | Convec. range mm | Cable gland | Part No. | P.U. | Price |
|-------|------------------|-------------|---------------|------|-------|
| gray | 16 – 28 mm | M40 x 1.5 | Z5.507.1953.0 | 1 | |
| gray | 7 – 16 mm | M25 x 1.5 | Z5.507.1553.0 | 10 | |
| Metal | 11 – 18 mm | M25 x 1.5 | Z5.507.1521.0 | 10 | |



M40 x 1.5



M25 x 1.5



M25 x 1.5

Filler plug for connection box cable gland

| Color | Cable gland | Part No. | P.U. | Price |
|-------|-------------|---------------|------|-------|
| gray | M25 x 1.5 | 05.507.4153.0 | 1 | |



M25 x 1.5



Country-specific products



Great Britain
Page 162 – 185



Spain
Page 186 – 193



Italy
Page 194 – 207



More information
<http://eshop.wieland-electric.com>



Great Britain



More information
<http://eshop.wieland-electric.com>



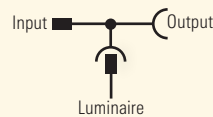
Connector assemblies for luminaire connection



Rated voltage: 250 V/400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Cable material, LSOH,
 as per BS7211:
 Locking device:
 Sheath strip length:
 Wire stripping length:

halogen-free
 integrated
 35 mm
 9 mm



3 pole, T-piece with connection cable 3G 1.5 mm²



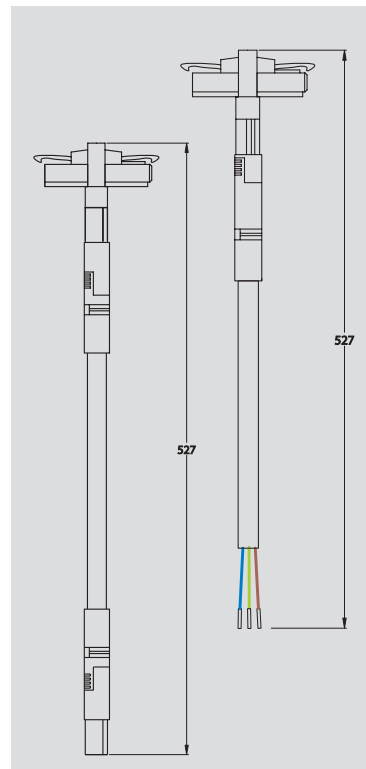
Sheath **LSOH 3G1.5**

| Cable/T-piece white | Length m | Part No. | P.U. | Price |
|---------------------|----------|--------------------------------|------|-------|
| Connector white | 0.5 | 99.424.9910.0 | 75 | |
| Coding white | Code 1 | Luminaire connection: Free end | | |

3 pole, T-piece with connecting cable 3G 1.5 mm²

Sheath **LSOH 3G1.5**

| Cable/T-piece white | Length m | Part No. | P.U. | Price |
|---------------------|----------|--------------------------------------|------|-------|
| Connector white | 0.5 | G1.933.0502.2 | 75 | |
| Coding white | Code 1 | Luminaire connection: GST18i3 female | | |



4 pole, T-piece with connecting cable 3G 1.5 mm²

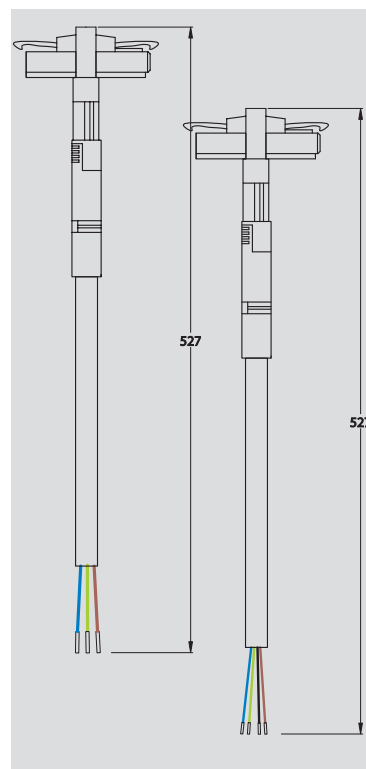
Sheath **LSOH 3G1.5**

| Cable white/T-piece black | Length m | Part No. | P.U. | Price |
|---------------------------|-------------|--------------------------------|------|-------|
| Connector black | 0.5 3 wires | G1.943.0542.1 | 50 | |
| Coding black | Code 1 | Luminaire connection: Free end | | |

4 pole, T-piece with connecting cable 4G 1.5 mm²

Sheath **LSOH 4G1.5**

| Cable white/T-piece black | Length m | Part No. | P.U. | Price |
|---------------------------|-------------|--------------------------------|------|-------|
| Connector black | 0.5 4 wires | G1.944.0542.1 | 50 | |
| Coding black | Code 1 | Luminaire connection: Free end | | |



GST18i3

GST18i4

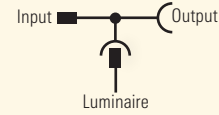
Connector assemblies for luminaire connection



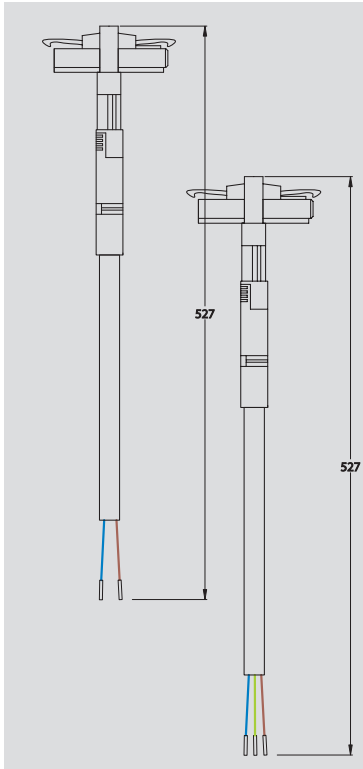
Rated voltage: 250 V/400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Cable material, LSOH, as per BS7211:
 Locking device:
 Sheath strip length:
 Wire stripping length:

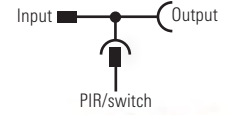
halogen-free integrated
 35 mm
 9 mm



5 pole, T-piece with connecting cable 2x1.5 mm²



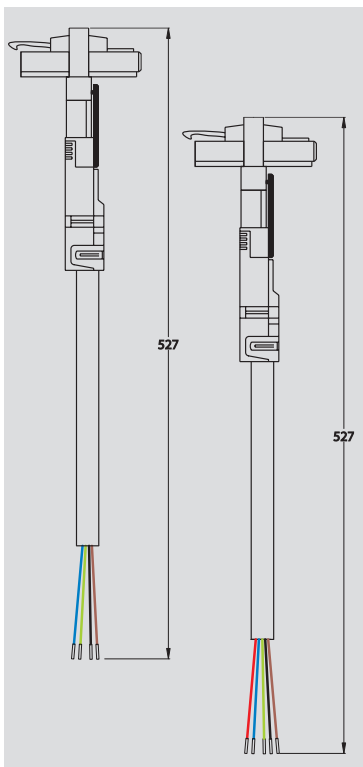
| Cable white/T-piece black Connector black | | | | Length m | Part No. | P.U. | Price |
|--|--------|-------------|--|---------------|----------|------|-------|
| Coding black | Code 1 | 0.5 2 wires | | G1.952.0542.1 | | | |
| Coding pastel blue | Code 2 | 0.5 2 wires | | G1.952.0542.7 | | | |
| Luminaire connection: Male – free end | | | | | | | |



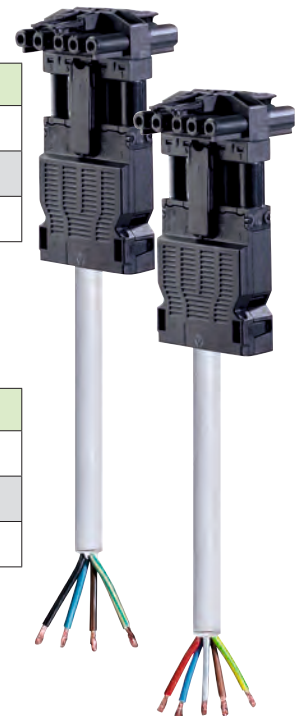
5 pole, T-piece with connecting cable 3G 1.5 mm²

| Cable white/T-piece black Connector white | | | | Length m | Part No. | P.U. | Price |
|--|--------|-------------|--|---------------|----------|------|-------|
| Coding white | Code 1 | 0.5 3 wires | | G1.953.0542.1 | | | |
| Coding pastel blue | Code 2 | 0.5 3 wires | | G1.953.0542.7 | | | |
| Luminaire connection: Male – free end | | | | | | | |

5 pole, T-piece with connecting cable 4G 1.5 mm²



| Cable white/T-piece black Connector black | | | | Length m | Part No. | P.U. | Price |
|--|--------|-------------|--|---------------|----------|------|-------|
| Coding white | Code 1 | 0.5 4 wires | | G1.954.0542.1 | | | |
| Coding pastel blue | Code 2 | 0.5 4 wires | | G1.954.0542.7 | | | |
| Luminaire connection: Free end | | | | | | | |



5 pole, T-piece with connecting cable 5G 1.5 mm²

| Cable white/T-piece black Connector black | | | | Length m | Part No. | P.U. | Price |
|--|--------|-------------|--|---------------|----------|------|-------|
| Coding white | Code 1 | 0.5 5 wires | | G1.955.0542.1 | | | |
| Coding pastel blue | Code 2 | 0.5 5 wires | | G1.955.0542.7 | | | |
| Luminaire connection: Free end | | | | | | | |

GST18i5

T distributor with connection cable 1.5 mm²



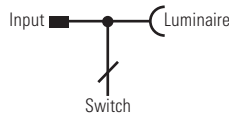
Rated voltage: 250 V/400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Cable material, LSOH, as per BS 7211:
 Locking device: halogen-free integrated
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm

3 pole, on/off switch 1 pole (L1)

Sheath **LSOH 3G1.5**

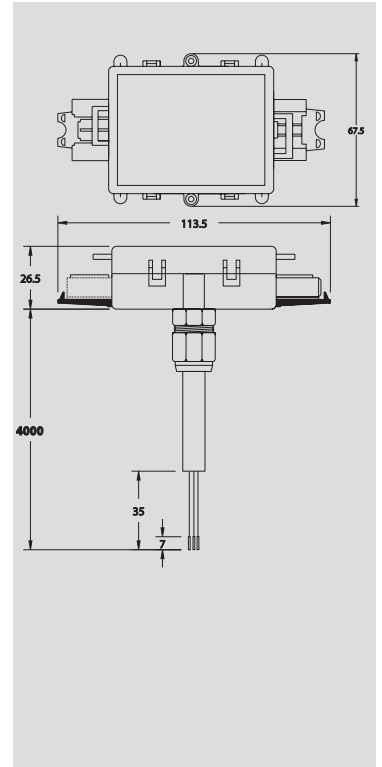
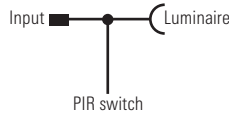
| Cable/housing white | Length m | Part No. | P.U. | Price |
|--|-------------|---------------|------|-------|
| Coding black | 4.0 3 wires | G1.833.0412.1 | | |
| On/off switch – connection cable, 3 pole | | | | |



3 pole, infrared motion detector (L1)

Sheath **LSOH 4G1.5**

| Cable/housing white | Length m | Part No. | P.U. | Price |
|--|-------------|---------------|------|-------|
| Coding black | 4.0 4 wires | G1.834.0442.1 | 10 | |
| Passive infrared switch – connection cable, 4 pole | | | | |



4 pole, on/off switch 1 pole (L1)

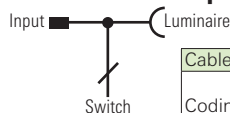
Sheath **LSOH 3G1.5**

| Cable/housing white | Length m | Part No. | P.U. | Price |
|--|-------------|---------------|------|-------|
| Coding black | 4.0 3 wires | G1.843.0412.1 | | |
| On/off switch – connection cable, 3 pole | | | | |

4 pole, on/off switch 1 pole (L2, emergency lighting)

Sheath **LSOH 3G1.5**

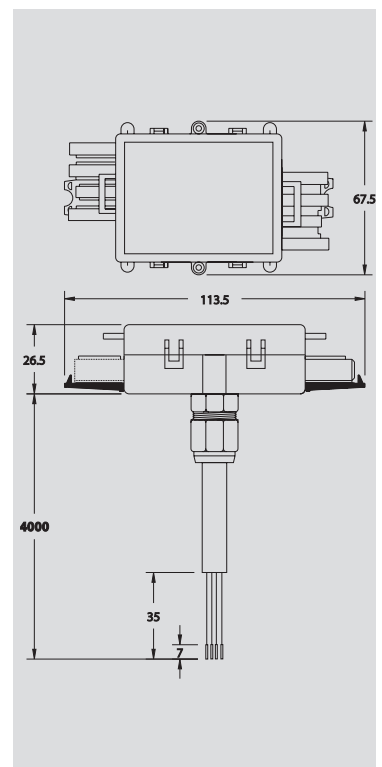
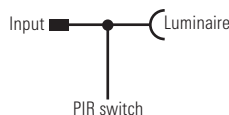
| Cable/housing white | Length m | Part No. | P.U. | Price |
|--|-------------|---------------|------|-------|
| Coding black | 4.0 3 wires | G1.843.0422.1 | | |
| On/off switch – connection cable, 3 pole | | | | |



4 pole, infrared motion detector

Sheath **LSOH 4G1.5**

| Cable/housing white | Length m | Part No. | P.U. | Price |
|--|-------------|---------------|------|-------|
| Coding black | 4.0 4 wires | G1.844.0442.1 | | |
| Passive infrared switch – connection cable, 4 pole | | | | |



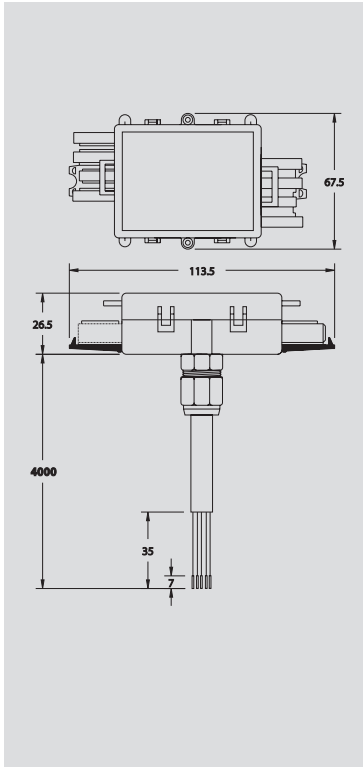
T distributor with connection cable 1.5 mm²



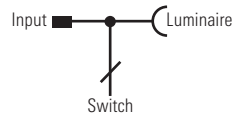
Rated voltage: 250 V/400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Cable material, LSOH, as per BS 7211:
 Locking device: halogen-free integrated
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm

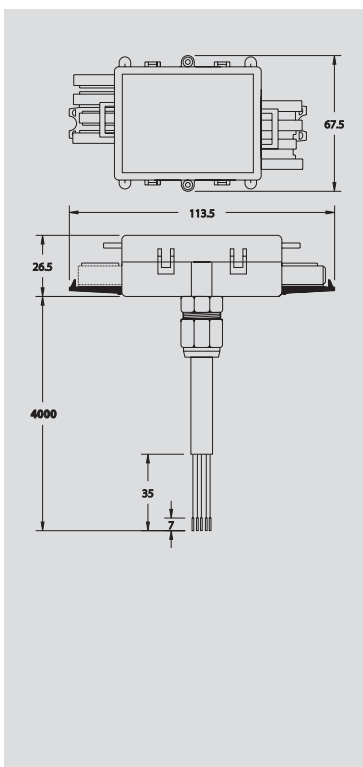
4 pole, on/off switch 2 pole



| Cable/housing white | | Length m | Part No. | P.U. | Price |
|--|--------|-------------|---------------|------|-------|
| Coding white | Code 1 | 4.0 5 wires | G1.845.0432.2 | | |
| On/off switch – connection cable, 3 pole | | | | | |



4 pole, adapter for 2-way switches and 4 pole cables



| Cable/housing white | | Length m | Part No. | P.U. | Price |
|---|--------|-------------|---------------|------|-------|
| Coding white | Code 1 | 4.0 5 wires | G1.845.0472.2 | | |
| 2-way switch – connection cable, 5 pole | | | | | |



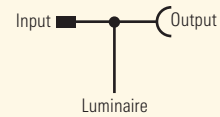
Connector assemblies for luminaire connection



Rated voltage: 250 V/400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Cable material, LSOH,
 as per BS 7211:
 Locking device:
 Sheath strip length:
 Wire stripping length:

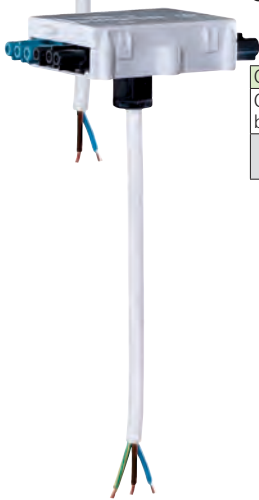
halogen-free
 integrated
 35 mm
 9 mm



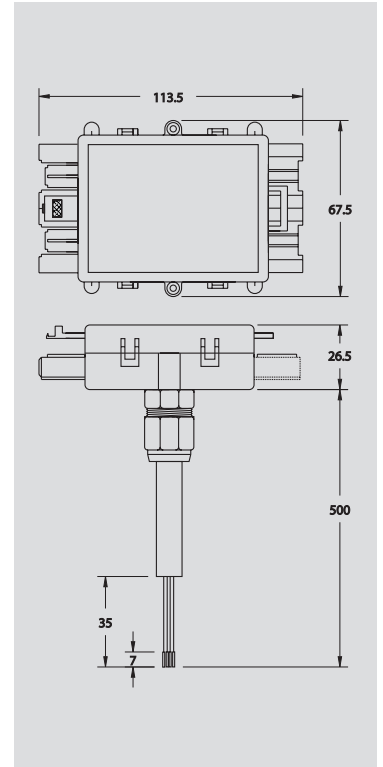
6 pole, T-piece with connecting cable 2x1.5 mm²

| Cable white/housing white | | Length m | Part No. | P.U. | Price |
|---------------------------------|-------------------|----------|---------------|------|-------|
| Coding | black/pastel blue | 0.5 | G1.962.0542.7 | | |
| | | 2 wires | | | |
| Luminaire connection – Free end | | | | | |

6 pole, T-piece with connecting cable 3G 1.5 mm²



| Cable white/housing white | | Length m | Part No. | P.U. | Price |
|---------------------------------|-------------------|----------|---------------|------|-------|
| Coding | black/pastel blue | 0.5 | G1.963.0542.7 | | |
| | | 3 wires | | | |
| Luminaire connection – Free end | | | | | |

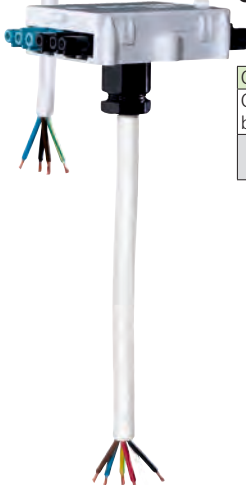


6 pole, T-piece with connecting cable 4G 1.5 mm²

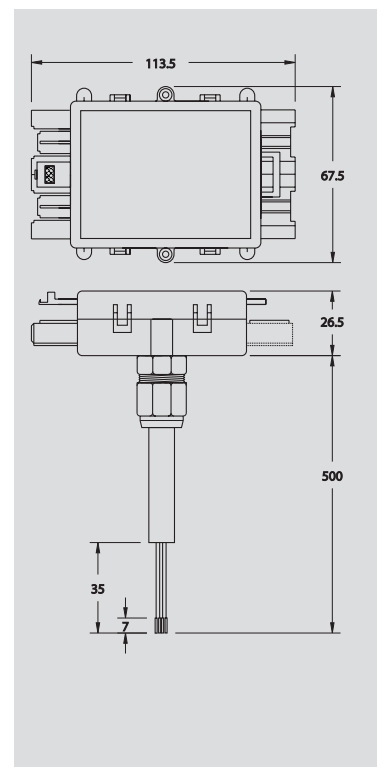


| Cable white/housing white | | Length m | Part No. | P.U. | Price |
|---------------------------------|-------------------|----------|---------------|------|-------|
| Coding | black/pastel blue | 0.5 | G1.964.0542.7 | | |
| | | 4 wires | | | |
| Luminaire connection – Free end | | | | | |

6 pole, T-piece with connecting cable 5G 1.5 mm²



| Cable white/housing white | | Length m | Part No. | P.U. | Price |
|---------------------------------|-------------------|----------|---------------|------|-------|
| Coding | black/pastel blue | 0.5 | G1.965.0542.7 | | |
| | | 5 wires | | | |
| Luminaire connection – Free end | | | | | |



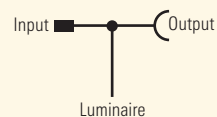
Connector assemblies for luminaire connection



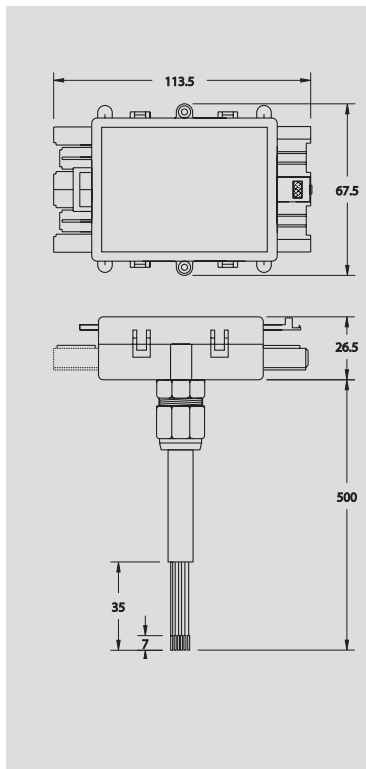
Rated voltage: 250 V/400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Cable material, LSOH,
 as per BS 7211:
 Locking device:
 Sheath strip length:
 Wire stripping length:

halogen-free
 integrated
 35 mm
 9 mm



6 pole, T-piece with connecting cable 2x1.5 mm²



| | | Sheath LSOH 2x1.5 | | |
|---------------------------------|----------|-------------------|------|-------|
| Cable white/housing white | Length m | Part No. | P.U. | Price |
| Coding black/pastel blue | 0.5 | G1.966.0542.7 | | |
| | 6 wires | | | |
| Luminaire connection – Free end | | | | |



T distributor with connection cable 1.5 mm²



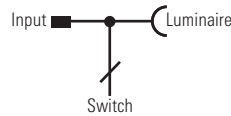
Rated voltage: 250 V/400 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Cable material, LSOH, as per BS 7211:
 Locking device: halogen-free integrated
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm

6 pole, on/off switch 1 pole (L2)

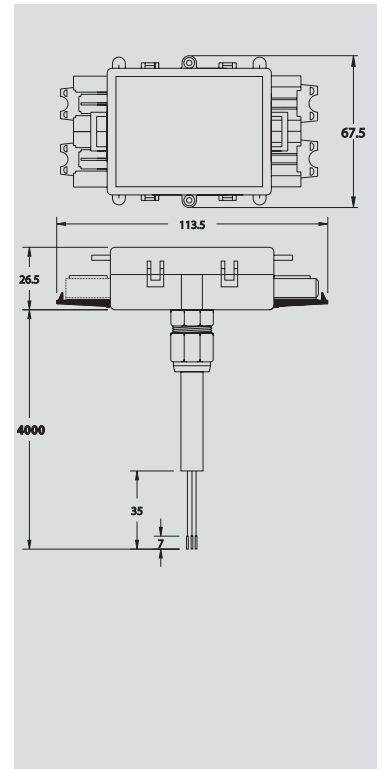
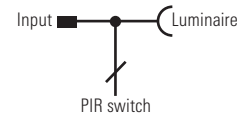


| Sheath LSOH 3G1.5 | | | | |
|--------------------------|-------------|--|------|-------|
| Cable/housing white | Length m | Part No. | P.U. | Price |
| Coding black/pastel blue | 4.0 3 wires | G1.863.0422.7 | | |
| | | On/off switch – connection cable, 3 pole | | |



6 pole, Infrared motion detector, passive (L1)

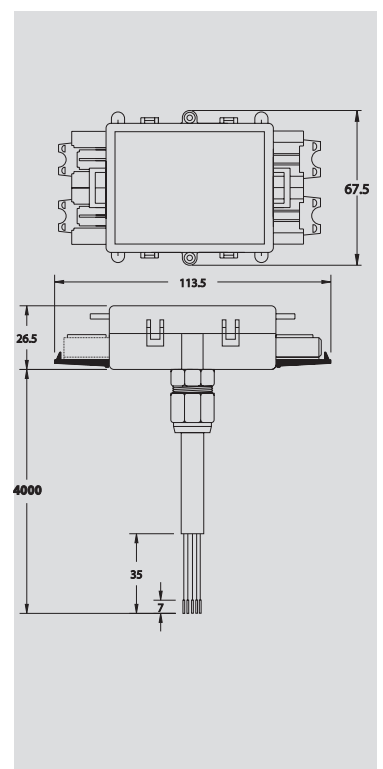
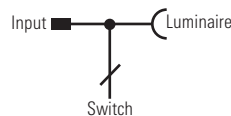
| Sheath LSOH 4G1.5 | | | | |
|--------------------------|-------------|--|------|-------|
| Cable/housing white | Length m | Part No. | P.U. | Price |
| Coding black/pastel blue | 4.0 4 wires | G1.864.0442.7 | | |
| | | Switch phase 1 Passive infrared switch – connection cable, 4 pole | | |



6 pole, on/off switch 2 pole (L1/L2)



| Sheath LSOH 5G1.5 | | | | |
|--------------------------|-------------|--|------|-------|
| Cable/housing white | Length m | Part No. | P.U. | Price |
| Coding black/pastel blue | 4.0 5 wires | G1.865.0432.7 | | |
| | | Switch phase 1 +2 emergency current – connection cable, 3 pole | | |





Pre-assembled switching distributors



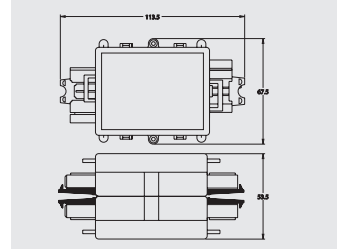
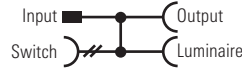
Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV

Distribution block



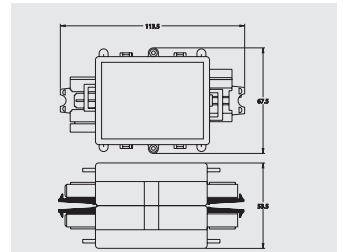
3 pole, on/off switch

| Color | Coding | Part No. | P.U. | Price |
|---------------------|--------|---------------|------|-------|
| white | Code 1 | G1.830.0012.1 | 25 | |
| with through-wiring | | | | |



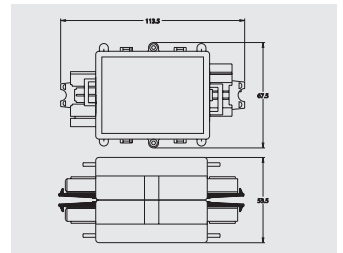
3 pole, Infrared motion detector, passive

| Color | Coding | Part No. | P.U. | Price |
|---------------------|--------|---------------|------|-------|
| white | Code 1 | G1.830.0042.1 | | |
| with through-wiring | | | | |



3 pole, series connection

| Color | Coding | Part No. | P.U. | Price |
|-------|--------|---------------|------|-------|
| white | Code 1 | G1.830.0062.1 | 25 | |

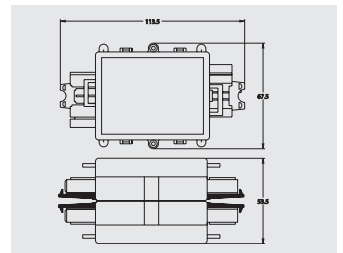


Distribution block



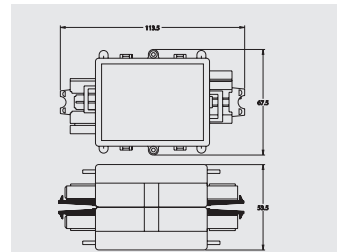
4 pole, on/off switch (L1)

| Color | Coding | Part No. | P.U. | Price |
|---------------------|--------|---------------|------|-------|
| white | Code 1 | G1.840.0012.1 | | |
| with through-wiring | | | | |



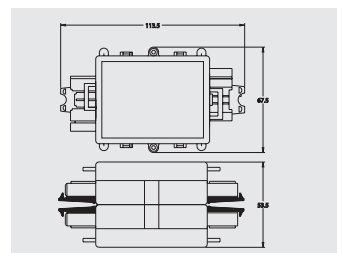
4 pole, Infrared motion detector, passive (L1)

| Color | Coding | Part No. | P.U. | Price |
|---------------------|--------|---------------|------|-------|
| white | Code 1 | G1.840.0042.1 | | |
| with through-wiring | | | | |



4 pole, series connection (L1)

| Color | Coding | Part No. | P.U. | Price |
|-------|--------|---------------|------|-------|
| white | Code 1 | G1.840.0062.1 | | |



GST18i3

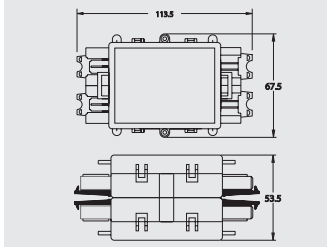
GST18i4

Pre-assembled switching distributor



Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Approvals:

6 pole, infrared motion detector, passive (L1)



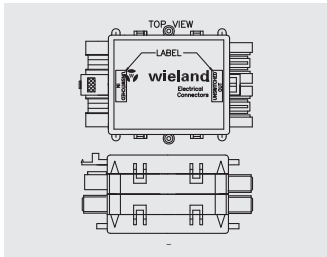
| Color | Coding | Part No. | P.U. | Price |
|---------------------|--------|---------------|------|-------|
| white | Code 1 | G1.860.0042.7 | | |
| with through-wiring | | | | |



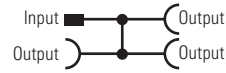
Distribution block



6 pole, distribution unit without switching functions



| Color | Coding | Part No. | P.U. | Price |
|-------|--------|---------------|------|-------|
| white | Code 1 | G1.966.0000.7 | | |



Distribution boxes with 2.5 mm² wiring, metal housing



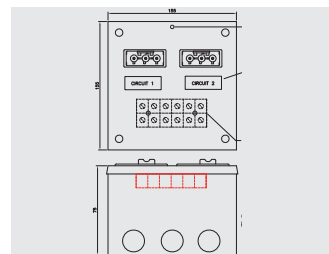
Rated voltage: 250 V
 Rated current: 20A
 Rated impulse voltage: 4 kV
 Housing: Metal

Distribution box



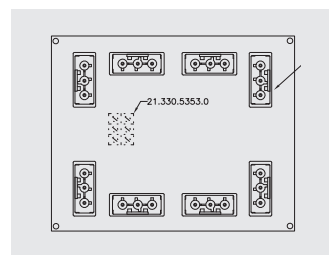
3 pole, two circuits

| Color | Coding | Part No. | P.U. | Price |
|--|--------|---------------|------|-------|
| metal | Code 1 | G1.132.4403.1 | | |
| each circuit with 1 female connector, 3 pole | | | | |



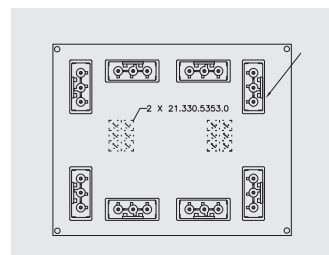
3 pole, one circuit

| Color | Coding | Part No. | P.U. | Price |
|--|--------|---------------|------|-------|
| metal | Code 1 | G1.130.3813.1 | | |
| one circuit, 8 female connectors, 3 pole | | | | |



3 pole, two circuits

| Color | Coding | Part No. | P.U. | Price |
|---|--------|---------------|------|-------|
| metal | Code 1 | G1.130.3823.1 | | |
| each circuit with 4 female connectors, 3 pole | | | | |

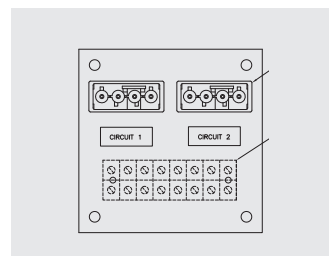


Distribution box



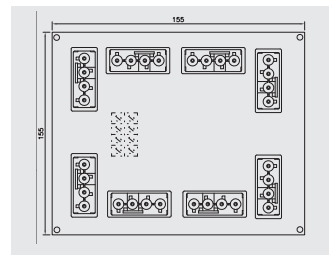
4 pole, two circuits

| Color | Coding | Part No. | P.U. | Price |
|---|--------|---------------|------|-------|
| metal | Code 1 | G1.142.4403.1 | | |
| each circuit with 2 female connectors, 4 pole | | | | |



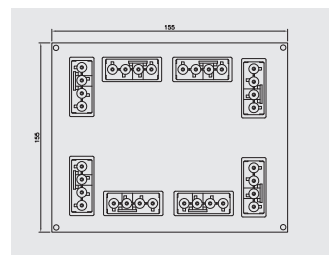
4 pole, one circuit

| Color | Coding | Part No. | P.U. | Price |
|--|--------|---------------|------|-------|
| metal | Code 1 | G1.140.4813.1 | | |
| one circuit, 8 female connectors, 4 pole | | | | |



4 pole, two circuits

| Color | Coding | Part No. | P.U. | Price |
|---|--------|---------------|------|-------|
| metal | Code 1 | G1.140.4823.1 | | |
| each circuit with 4 female connectors, 4 pole | | | | |



GST18i3

GST18i4

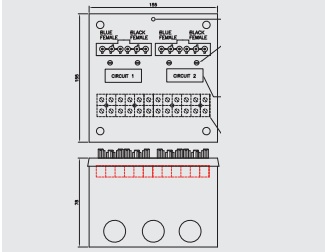
Distribution boxes with 2.5 mm² wiring, metal housing, besa plate



Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Housing: Metal

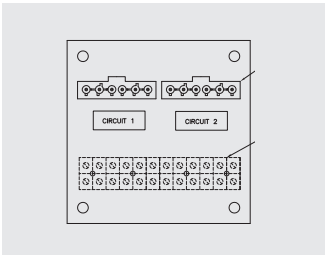
Approvals:

6 pole, two circuits



| Color | Coding | Part No. | P.U. | Price |
|--|--------|---------------|------|-------|
| metal | Code 1 | G1.162.6603.7 | | |
| each circuit with 1 female connector, 6 pole; coding pastel blue/black | | | | |

6 pole, two circuits

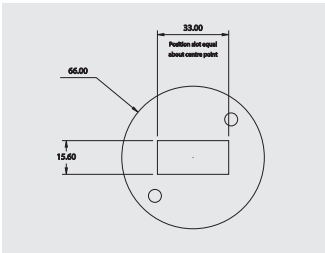


| Color | Coding | Part No. | P.U. | Price |
|--|--------|---------------|------|-------|
| metal | Code 1 | G1.162.6603.1 | | |
| each circuit with 1 female connector, 6 pole; coding black/black | | | | |

Distribution box

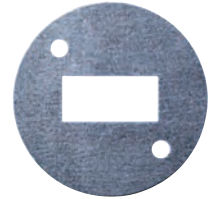


Besa plate, 3 pole, metal plate for Besa distribution box

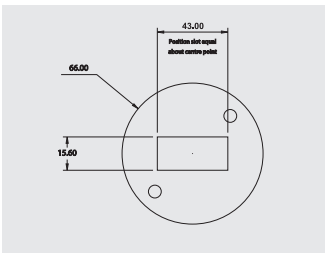


| Color | Coding | Part No. | P.U. | Price |
|--|--------|---------------|------|-------|
| metal | | G1.131.1370.1 | | |
| for 3 pole snap-in connectors (such as Part No. 92.031.9658.1) | | | | |

Besa plate, 3 pole



Besa plate, 4 pole, metal plate for Besa distribution box

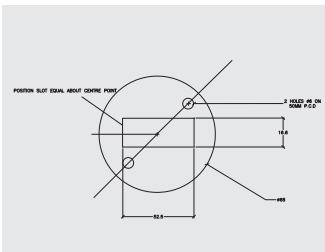


| Color | Coding | Part No. | P.U. | Price |
|--|--------|---------------|------|-------|
| metal | | G1.141.1300.1 | | |
| for 4 pole snap-in connectors (such as Part No. 92.041.9658.1) | | | | |

Besa plate, 4 pole

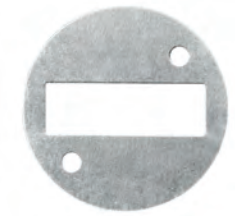


Besa plate, 5 pole, metal plate for Besa distribution box



| Color | Coding | Part No. | P.U. | Price |
|--|--------|---------------|------|-------|
| metal | | 34.399.1673.1 | | |
| for 5 pole snap-in connectors (such as Part No. 92.051.9658.1) | | | | |

Besa plate, 5 pole



A Besa extension ring is additionally required (from third-party supplier)

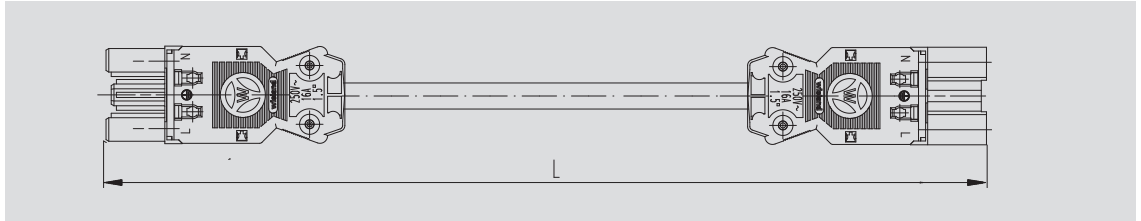
Cable assemblies, 3 pole, 1.5 mm²



Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Cable diameter: 8.3 mm

Cable material, H05Z1Z1-F: PVC, contains halogen
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male



Cable H05Z1Z1-F

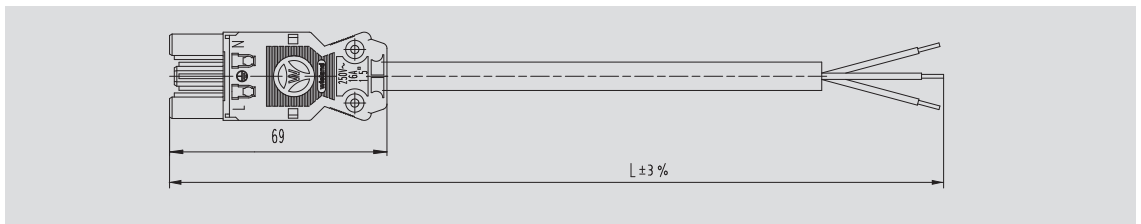
| Cable white/coding | Length m | Part No. | P.U. | Price |
|--------------------|----------|---------------|---------------|-------|
| black | | | | |
| | | 1.0 | G1.033.0102.2 | |
| | | 2.0 | G1.033.0202.2 | |
| | | 3.0 | G1.033.0302.2 | |
| | | 4.0 | G1.033.0402.2 | |
| | | 5.0 | G1.033.0502.2 | |
| | | 6.0 | G1.033.0602.2 | |
| | | 7.0 | G1.033.0702.2 | |
| | | 8.0 | G1.033.0802.2 | |
| | | 9.0 | G1.033.0902.2 | |
| | 10.0 | G1.033.1002.2 | | |



⊕ = GN/YE
 N = BU
 L = BN



Connection cables female – free end
 Wire ends ultrasonically welded



Cable H05Z1Z1-F

| Cable white/coding | Length m | Part No. | P.U. | Price |
|--------------------|----------|---------------|---------------|-------|
| black | | | | |
| | | 1.0 | G1.333.0102.2 | |
| | | 2.0 | G1.333.0202.2 | |
| | | 3.0 | G1.333.0302.2 | |
| | | 4.0 | G1.333.0402.2 | |
| | | 5.0 | G1.333.0502.2 | |
| | | 6.0 | G1.333.0602.2 | |
| | | 7.0 | G1.333.0702.2 | |
| | | 8.0 | G1.333.0802.2 | |
| | | 9.0 | G1.333.0902.2 | |
| | 10.0 | G1.333.1002.2 | | |



⊕ = GN/YE
 N = BU
 L = BN

Other cables, other lengths, other codings on request



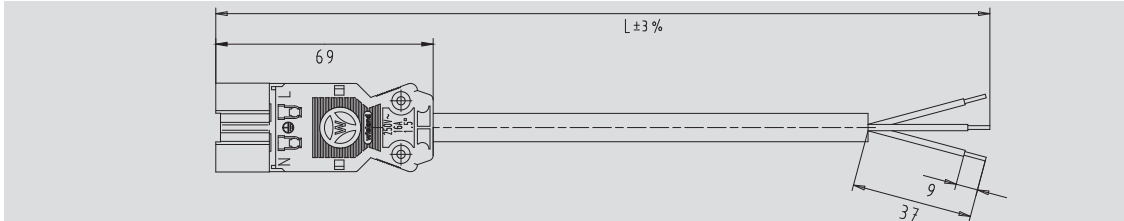
Cable assemblies, 3 pole, 1.5 mm²



Rated voltage: 250 V
Rated current: 16 A
Rated impulse voltage: 4 kV
Protection rating: IP20, IP40 when plugged
Cable diameter: 8.3 mm

Cable material, H05Z1Z1-F: PVC, contains halogen
Sheath strip length: 37 mm
Wire stripping length: 9 mm
The use of a locking device is mandatory.
Locking device for flying leads: see Accessories

Connection cable male – free end
 Wire ends ultrasonically welded



Cable **H05Z1Z1-F**

| Cable white/coding | Length m | Part No. | P.U. | Price |
|--------------------|----------|---------------|------|-------|
| black | 1.0 | G1.433.0102.2 | | |
| | 2.0 | G1.433.0202.2 | | |
| | 3.0 | G1.433.0302.2 | | |
| | 4.0 | G1.433.0402.2 | | |
| | 5.0 | G1.433.0502.2 | | |
| | 6.0 | G1.433.0602.2 | | |
| | 7.0 | G1.433.0702.2 | | |
| | 8.0 | G1.433.0802.2 | | |
| | 9.0 | G1.433.0902.2 | | |
| | 10.0 | G1.433.1002.2 | | |



⊕ = GN/YE
 N = BU
 L = BN



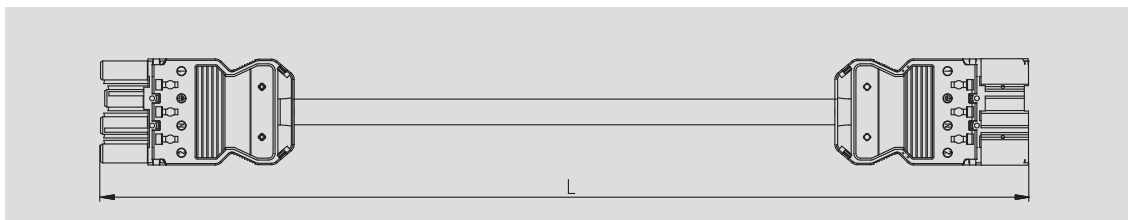
Cable assemblies, 4 pole, 1.5 mm²



Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Cable diameter: 10.8 mm

Cable material, H05VV-F: PVC, contains halogen
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male



Cable H05VV-F

| Cable white/coding | Length m | Part No. | P.U. | Price | |
|--------------------|----------|----------|---------------|-------|--|
| black | Code 1 | 1.0 | G1.044.0102.1 | | |
| | | 2.0 | G1.044.0202.1 | | |
| | | 3.0 | G1.044.0302.1 | | |
| | | 4.0 | G1.044.0402.1 | | |
| | | 5.0 | G1.044.0502.1 | | |
| | | 6.0 | G1.044.0602.1 | | |
| | | 7.0 | G1.044.0702.1 | | |
| | | 8.0 | G1.044.0802.1 | | |

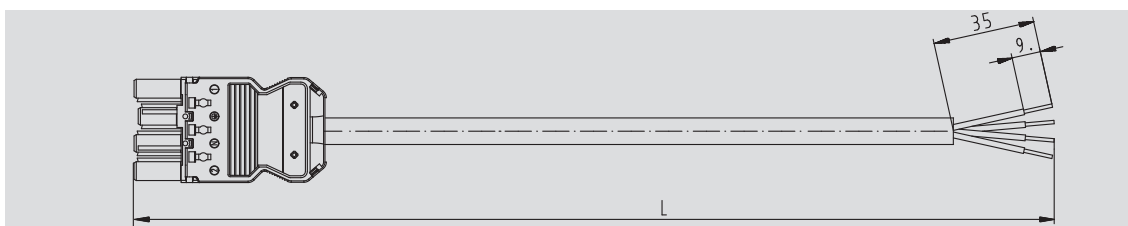


⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK

| Cable white/coding | Length m | Part No. | P.U. | Price | |
|--------------------|----------|----------|---------------|-------|--|
| white | Code 1 | 1.0 | G1.044.0102.2 | | |
| | | 2.0 | G1.044.0202.2 | | |
| | | 3.0 | G1.044.0302.2 | | |
| | | 4.0 | G1.044.0402.2 | | |
| | | 5.0 | G1.044.0502.2 | | |
| | | 6.0 | G1.044.0602.2 | | |
| | | 7.0 | G1.044.0702.2 | | |
| | | 8.0 | G1.044.0802.2 | | |



Connection cables female – free end
 Wire ends ultrasonically welded



Cable H05VV-F

| Cable white/coding | Length m | Part No. | P.U. | Price | |
|--------------------|----------|----------|---------------|-------|--|
| black | Code 1 | 1.0 | G1.344.0102.1 | | |
| | | 2.0 | G1.344.0202.1 | | |
| | | 3.0 | G1.344.0302.1 | | |
| | | 4.0 | G1.344.0402.1 | | |
| | | 5.0 | G1.344.0502.1 | | |
| | | 6.0 | G1.344.0602.1 | | |
| | | 7.0 | G1.344.0702.1 | | |
| | | 8.0 | G1.344.0802.1 | | |



⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK

| Cable white/coding | Length m | Part No. | P.U. | Price | |
|--------------------|----------|----------|---------------|-------|--|
| white | Code 1 | 1.0 | G1.344.0102.2 | | |
| | | 2.0 | G1.344.0202.2 | | |
| | | 3.0 | G1.344.0302.2 | | |
| | | 4.0 | G1.344.0402.2 | | |
| | | 5.0 | G1.344.0502.2 | | |
| | | 6.0 | G1.344.0602.2 | | |
| | | 7.0 | G1.344.0702.2 | | |
| | | 8.0 | G1.344.0802.2 | | |



Other cables, other lengths, other codings on request



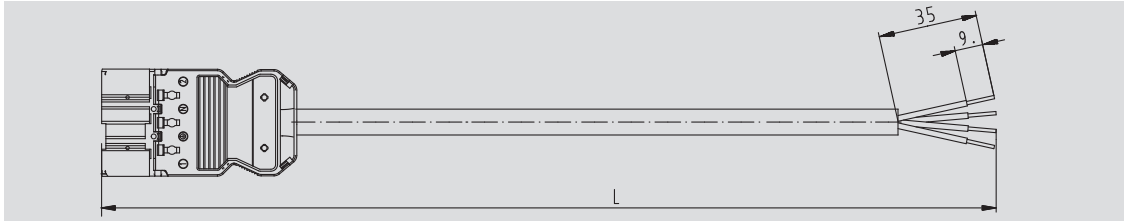
Cable assemblies, 4 pole, 1.5 mm²



Rated voltage: 250 V
Rated current: 16 A
Rated impulse voltage: 4 kV
Protection rating: IP20, IP40 when plugged
Cable diameter: 10.8 mm

Cable material, H05VV-F: PVC, contains halogen
Sheath strip length: 37 mm
Wire stripping length: 9 mm
The use of a locking device is mandatory.
Locking device for flying leads: see Accessories

Connection cable male – free end
 Wire ends ultrasonically welded



Cable **H05VV-F**

| Cable white/coding | Length m | Part No. | P.U. | Price | |
|--------------------|----------|----------|---------------|-------|--|
| black | Code 1 | 1.0 | G1.444.0102.1 | | |
| | | 2.0 | G1.444.0202.1 | | |
| | | 3.0 | G1.444.0302.1 | | |
| | | 4.0 | G1.444.0402.1 | | |
| | | 5.0 | G1.444.0502.1 | | |
| | | 6.0 | G1.444.0602.1 | | |
| | | 7.0 | G1.444.0702.1 | | |
| | | 8.0 | G1.444.0802.1 | | |



⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK

| Cable white/coding | Length m | Part No. | P.U. | Price | |
|--------------------|----------|----------|---------------|-------|--|
| white | Code 1 | 1.0 | G1.444.0102.2 | | |
| | | 2.0 | G1.444.0202.2 | | |
| | | 3.0 | G1.444.0302.2 | | |
| | | 4.0 | G1.444.0402.2 | | |
| | | 5.0 | G1.444.0502.2 | | |
| | | 6.0 | G1.444.0602.2 | | |
| | | 7.0 | G1.444.0702.2 | | |
| | | 8.0 | G1.444.0802.2 | | |

GST18i4



Other cables, other lengths, other codings on request

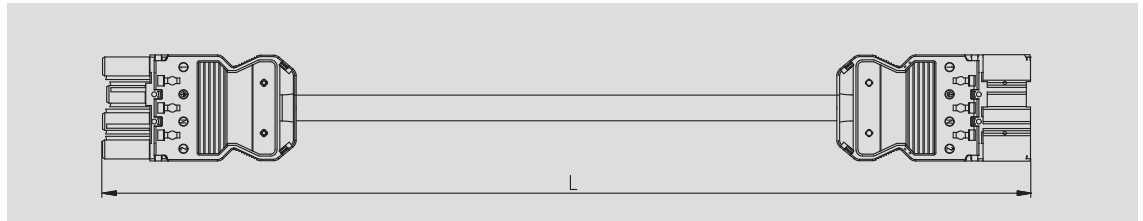
Cable assemblies, 4 pole, 2.5 mm²



Rated voltage: 250 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Cable diameter: 10.8 mm

Cable material, H05VV-F: PVC, contains halogen
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male



Cable H05VV-F

| Cable white/coding | Length m | Part No. | P.U. | Price | |
|--------------------|----------|----------|---------------|-------|--|
| black | Code 1 | 1.0 | G1.044.0103.1 | | |
| | | 2.0 | G1.044.0203.1 | | |
| | | 3.0 | G1.044.0303.1 | | |
| | | 4.0 | G1.044.0403.1 | | |
| | | 5.0 | G1.044.0503.1 | | |
| | | 6.0 | G1.044.0603.1 | | |
| | | 7.0 | G1.044.0703.1 | | |
| | | 8.0 | G1.044.0803.1 | | |

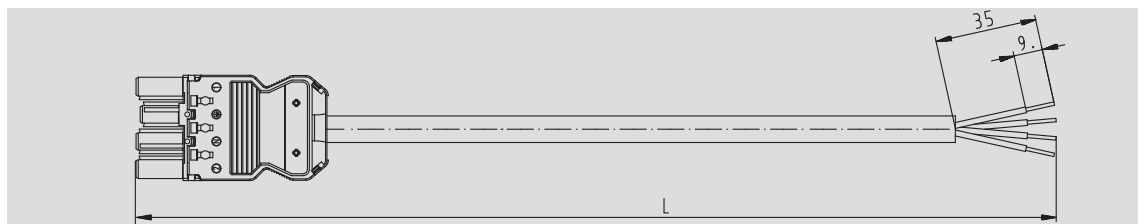


⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK

| Cable white/coding | Length m | Part No. | P.U. | Price | |
|--------------------|----------|----------|---------------|-------|--|
| white | Code 1 | 1.0 | G1.044.0103.2 | | |
| | | 2.0 | G1.044.0203.2 | | |
| | | 3.0 | G1.044.0303.2 | | |
| | | 4.0 | G1.044.0403.2 | | |
| | | 5.0 | G1.044.0503.2 | | |
| | | 6.0 | G1.044.0603.2 | | |
| | | 7.0 | G1.044.0703.2 | | |
| | | 8.0 | G1.044.0803.2 | | |



Connection cables female – free end
 Wire ends ultrasonically welded



Cable H05VV-F

| Cable white/coding | Length m | Part No. | P.U. | Price | |
|--------------------|----------|----------|---------------|-------|--|
| black | Code 1 | 1.0 | G1.344.0103.1 | | |
| | | 2.0 | G1.344.0203.1 | | |
| | | 3.0 | G1.344.0303.1 | | |
| | | 4.0 | G1.344.0403.1 | | |
| | | 5.0 | G1.344.0503.1 | | |
| | | 6.0 | G1.344.0603.1 | | |
| | | 7.0 | G1.344.0703.1 | | |
| | | 8.0 | G1.344.0803.1 | | |



⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK

| Cable white/coding | Length m | Part No. | P.U. | Price | |
|--------------------|----------|----------|---------------|-------|--|
| white | Code 1 | 1.0 | G1.344.0103.2 | | |
| | | 2.0 | G1.344.0203.2 | | |
| | | 3.0 | G1.344.0303.2 | | |
| | | 4.0 | G1.344.0403.2 | | |
| | | 5.0 | G1.344.0503.2 | | |
| | | 6.0 | G1.344.0603.2 | | |
| | | 7.0 | G1.344.0703.2 | | |
| | | 8.0 | G1.344.0803.2 | | |

Other cables, other lengths, other codings on request



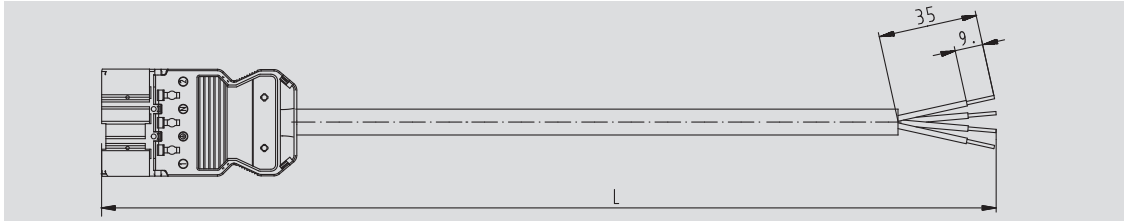
Cable assemblies, 4 pole, 2.5 mm²



Rated voltage: 250 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Cable diameter: 10.8 mm

Cable material, H05VV-F: PVC, contains halogen
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cable male – free end
 Wire ends ultrasonically welded



Cable **H05VV-F**

| Cable white/coding | Length m | Part No. | P.U. | Price | |
|--------------------|----------|----------|---------------|-------|--|
| black | Code 1 | 1.0 | G1.444.0103.1 | | |
| | | 2.0 | G1.444.0203.1 | | |
| | | 3.0 | G1.444.0303.1 | | |
| | | 4.0 | G1.444.0403.1 | | |
| | | 5.0 | G1.444.0503.1 | | |
| | | 6.0 | G1.444.0603.1 | | |
| | | 7.0 | G1.444.0703.1 | | |
| | | 8.0 | G1.444.0803.1 | | |



⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK

| Cable white/coding | Length m | Part No. | P.U. | Price | |
|--------------------|----------|----------|---------------|-------|--|
| white | Code 1 | 1.0 | G1.444.0103.2 | | |
| | | 2.0 | G1.444.0203.2 | | |
| | | 3.0 | G1.444.0303.2 | | |
| | | 4.0 | G1.444.0403.2 | | |
| | | 5.0 | G1.444.0503.2 | | |
| | | 6.0 | G1.444.0603.2 | | |
| | | 7.0 | G1.444.0703.2 | | |
| | | 8.0 | G1.444.0803.2 | | |

GST18i4



Other cables, other lengths, other codings on request

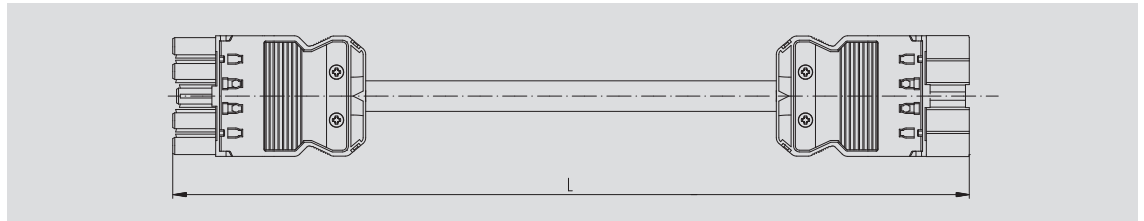
Cable assemblies, 5 pole, 1.5 mm²



Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Cable diameter: 10.8 mm

Cable material, H05VV-F: PVC, contains halogen
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male



| Cable H05VV-F | | | | | |
|--------------------|----------|----------|---------------|-------|--|
| Cable white/coding | Length m | Part No. | P.U. | Price | |
| pastel blue | Code 2 | 1.0 | G1.055.0102.7 | 30 | |
| | | 2.0 | G1.055.0202.7 | 20 | |
| | | 3.0 | G1.055.0302.7 | 10 | |
| | | 4.0 | G1.055.0402.7 | 10 | |
| | | 5.0 | G1.055.0502.7 | 10 | |
| | | 7.0 | G1.055.0702.7 | 5 | |
| | | 10.0 | G1.055.1002.7 | 5 | |
| black | Code 1 | 1.0 | G1.055.0102.1 | 30 | |
| | | 2.0 | G1.055.0202.1 | 20 | |
| | | 3.0 | G1.055.0302.1 | 10 | |
| | | 4.0 | G1.055.0402.1 | 10 | |
| | | 5.0 | G1.055.0502.1 | 10 | |
| | | 7.0 | G1.055.0702.1 | 5 | |
| | | 10.0 | G1.055.1002.1 | 5 | |



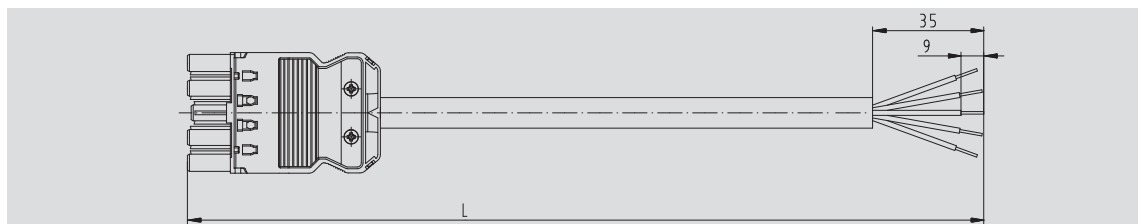
Power 250 V + dimming:
 ⊕ = GN/YE
 N = BU
 1 = BN
 2 = WH
 3 = RD



Power 250 V:
 ⊕ = GN/YE
 N = BU
 L = BN
 D2 = BK
 D1 = GY

Due to the different wiring configurations adapted to British standards, these cables must not be used together with other GST 18i5 cable assemblies.

Connection cables female – free end
 Wire ends ultrasonically welded



| Cable H05VV-F | | | | | |
|--------------------|----------|----------|---------------|-------|--|
| Cable white/coding | Length m | Part No. | P.U. | Price | |
| pastel blue | Code 2 | 1.0 | G1.355.0102.7 | 30 | |
| | | 2.0 | G1.355.0202.7 | 20 | |
| | | 3.0 | G1.355.0302.7 | 10 | |
| | | 4.0 | G1.355.0402.7 | 10 | |
| | | 5.0 | G1.355.0502.7 | 10 | |
| | | 7.0 | G1.355.0702.7 | 5 | |
| | | 10.0 | G1.355.1002.7 | 5 | |
| black | Code 1 | 1.0 | G1.355.0102.1 | 30 | |
| | | 2.0 | G1.355.0202.1 | 20 | |
| | | 3.0 | G1.355.0302.1 | 10 | |
| | | 4.0 | G1.355.0402.1 | 10 | |
| | | 5.0 | G1.355.0502.1 | 10 | |
| | | 7.0 | G1.355.0702.1 | 5 | |
| | | 10.0 | G1.355.1002.1 | 5 | |



Power 250 V + dimming:
 ⊕ = GN/YE
 N = BU
 L = BN
 D2 = WH
 D1 = RD



Power 250 V:
 ⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY

Due to the different wiring configurations adapted to British standards, these cables must not be used together with other GST 18i5 cable assemblies.

Other cables, other lengths, other codings on request



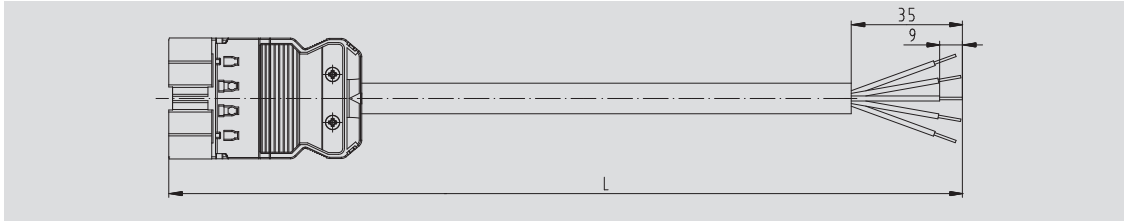
Cable assemblies, 5 pole, 1.5 mm²



Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Cable diameter: 10.8 mm

Cable material, H05VV-F: PVC, contains halogen
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cable male – free end
 Wire ends ultrasonically welded



| Cable H05VV-F | | | | | |
|--------------------|----------|----------|---------------|-------|--|
| Cable white/coding | Length m | Part No. | P.U. | Price | |
| pastel blue | Code 2 | 1.0 | G1.455.0102.7 | 30 | |
| | | 2.0 | G1.455.0202.7 | 20 | |
| | | 3.0 | G1.455.0302.7 | 10 | |
| | | 4.0 | G1.455.0402.7 | 10 | |
| | | 5.0 | G1.455.0502.7 | 10 | |
| | | 7.0 | G1.455.0702.7 | 5 | |
| | | 10.0 | G1.455.1002.7 | 5 | |



Power 250 V + dimming:
 ⊕ = GN/YE
 N = BU
 L = BN
 D2 = WH
 D1 = RD

| Cable white/coding | Length m | Part No. | P.U. | Price | |
|--------------------|----------|----------|---------------|-------|--|
| black | Code 1 | 1.0 | G1.455.0102.1 | 30 | |
| | | 2.0 | G1.455.0202.1 | 20 | |
| | | 3.0 | G1.455.0302.1 | 10 | |
| | | 4.0 | G1.455.0402.1 | 10 | |
| | | 5.0 | G1.455.0502.1 | 10 | |
| | | 7.0 | G1.455.0702.1 | 5 | |
| | | 10.0 | G1.455.1002.1 | 5 | |



Power 250 V:
 ⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY

Due to the different wiring configurations adapted to British standards, these cables must not be used together with other GST 18i5 cable assemblies.



Other cables, other lengths, other codings on request

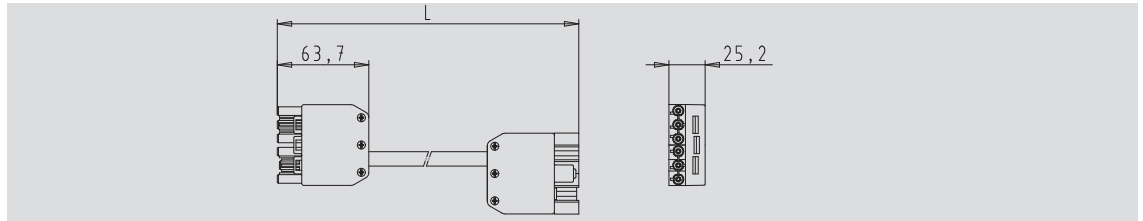
Cable assemblies, 6 pole, 1.5 mm²



Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Cable diameter: 11.2 mm

Cable material, LSOH as per BS7211:
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male



Cable LSOH as per BS7211

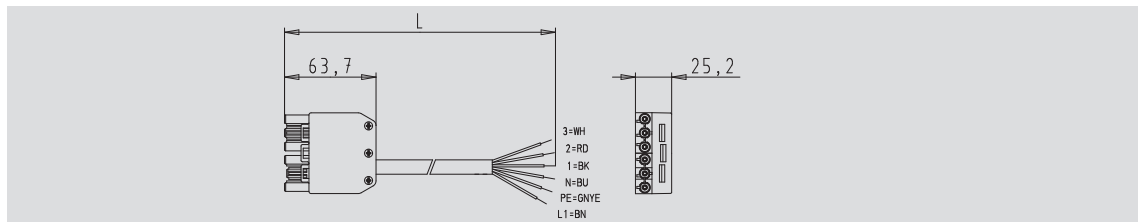
| Cable white/coding | Length m | Part No. | P.U. | Price |
|-----------------------|----------|---------------|------|-------|
| black/ pastel blue | 1.0 | | | |
| | 2.0 | G1.066.0202.7 | | |
| | 3.0 | G1.066.0302.7 | | |
| | 4.0 | G1.066.0402.7 | | |
| | 5.0 | G1.066.0502.7 | | |
| | 6.0 | G1.066.0602.7 | | |
| | 7.0 | G1.066.0702.7 | | |
| | 10.0 | G1.066.1002.7 | | |



Power 250 V + dimming:
 ⊕ = GN/YE
 N = BU
 L1 = BN
 1 = BK
 2 = RT
 3 = WS

Due to the different wiring configurations, adapted to British standards, these cables must not be used together with other GST 18i6 cable assemblies.

Connection cables female – free end
 Wire ends ultrasonically welded



Cable LSOH as per BS7211

| Cable white/coding | Length m | Part No. | P.U. | Price |
|-----------------------|----------|---------------|------|-------|
| black/ pastel blue | 1.0 | | | |
| | 2.0 | G1.366.0202.7 | | |
| | 3.0 | G1.366.0302.7 | | |
| | 4.0 | G1.366.0402.7 | | |
| | 5.0 | G1.366.0502.7 | | |
| | 6.0 | G1.366.0602.7 | | |
| | 7.0 | G1.366.0702.7 | | |
| | 10.0 | G1.366.1002.7 | | |



Power 250 V + dimming:
 ⊕ = GN/YE
 N = BU
 L1 = BN
 1 = BK
 2 = RT
 3 = WS

Due to the different wiring configurations, adapted to British standards, these cables must not be used together with other GST 18i6 cable assemblies.



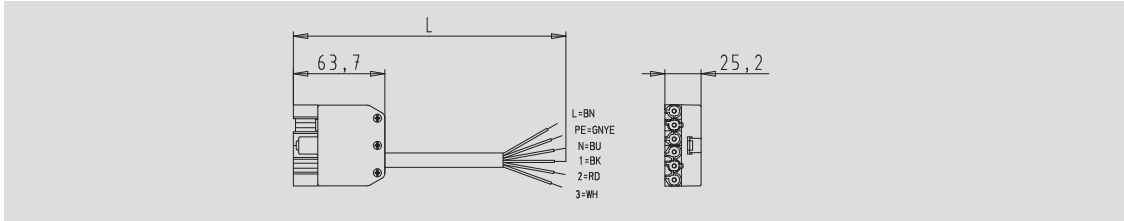
Cable assemblies, 6 pole, 1.5 mm² 2.5 mm²



Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged
 Cable diameter: 11.2 mm

Cable material, LSOH as per BS7211: halogen-free
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cable male – free end
 Wire ends ultrasonically welded



Cable LSOH as per BS7211

| Cable white/coding | Length m | Part No. | P.U. | Price |
|-------------------------------------|----------|---------------|------|-------|
| black/ pastel blue Code 1 | 1.0 | | | |
| | 2.0 | G1.466.0202.7 | | |
| | 3.0 | G1.466.0302.7 | | |
| | 4.0 | G1.466.0402.7 | | |
| | 5.0 | G1.466.0502.7 | | |
| | 6.0 | G1.466.0602.7 | | |
| | 7.0 | G1.466.0702.7 | | |
| | 10.0 | G1.466.1002.7 | | |



Power 250 V + dimming:
 ⊕ = GN/YE
 N = BU
 L1 = BN
 1 = BK
 2 = RT
 3 = WS

Due to the different wiring configurations, adapted to British standards, these cables must not be used together with other GST18i6 cable assemblies.



Other cables, other lengths, other codings on request



Spain



e-Shop

More information
<http://eshop.wieland-electric.com>



Pre-assembled cables, 3 pole, 1.5 mm²



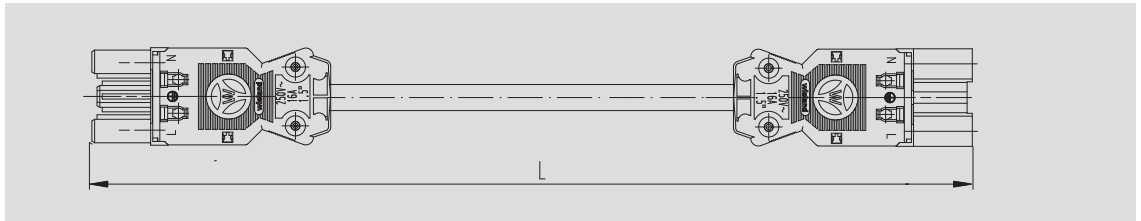
Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Cable material, RZ1 0.6/1kV 3G1.5: halogen-free
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male



⊕ = GN/YE
 N = BU
 L = BN



Cable RZ1 0.6/1kV 3G1.5

| Cable black/coding | Length m | Part No. | P.U. | Price | |
|--------------------|--------------------|----------|---------------|-------|--|
| black | Code 1 L, PE, N | 1.0 | G2.232.1060.1 | 50 | |
| | | 2.0 | G2.232.2060.1 | 25 | |
| | | 3.0 | G2.232.3060.1 | 20 | |
| | | 4.0 | G2.232.4060.1 | 15 | |
| | | 5.0 | G2.232.5060.1 | 10 | |
| | | 6.0 | G2.232.6060.1 | 10 | |
| | | 7.0 | G2.232.7060.1 | 10 | |
| | | 8.0 | G2.232.8060.1 | 10 | |

Cable RZ1 0.6/1kV 3G1.5

| Cable white/coding | Length m | Part No. | P.U. | Price | |
|--------------------|--------------------|----------|---------------|-------|--|
| white | Code 1 L, PE, N | 1.0 | G2.232.1060.2 | 50 | |
| | | 2.0 | G2.232.2060.2 | 25 | |
| | | 3.0 | G2.232.3060.2 | 20 | |
| | | 4.0 | G2.232.4060.2 | 15 | |
| | | 5.0 | G2.232.5060.2 | 10 | |
| | | 6.0 | G2.232.6060.2 | 10 | |
| | | 7.0 | G2.232.7060.2 | 10 | |
| | | 8.0 | G2.232.8060.2 | 5 | |

Cable RZ1 0.6/1kV 3G1.5

| Cable green/coding | Length m | Part No. | P.U. | Price | |
|--------------------|--------------------|----------|---------------|-------|--|
| black | Code 1 L, PE, N | 1.0 | G2.232.1060.7 | 50 | |
| | | 2.0 | G2.232.2060.7 | 25 | |
| | | 3.0 | G2.232.3060.7 | 20 | |
| | | 4.0 | G2.232.4060.7 | 15 | |
| | | 5.0 | G2.232.5060.7 | 10 | |
| | | 6.0 | G2.232.6060.7 | 10 | |
| | | 7.0 | G2.232.7060.7 | 10 | |
| | | 8.0 | G2.232.8060.7 | 5 | |

Other cables, other lengths, other codings on request



Pre-assembled cables, 3 pole, 1.5 mm²

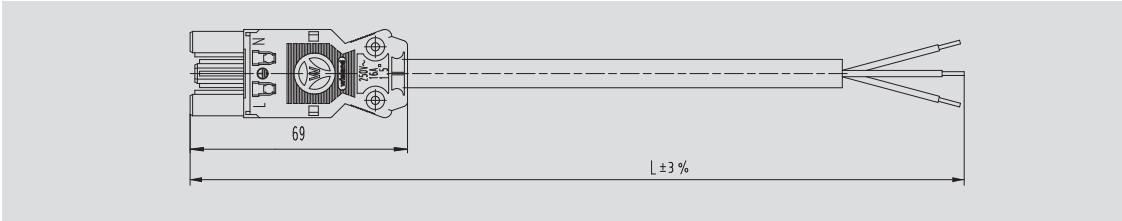


Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Cable material, RZ1 0.6/1kV 3G1.5: halogen-free
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cables female – free end

Wire ends ultrasonically welded



⊕ = GN/YE
 N = BU
 L = BN

Cable RZ1 0.6/1kV 3G1.5

| Cable color black/coding | Length m | Part No. | P.U. | Price | |
|--------------------------|--------------------|----------|---------------|-------|--|
| black | Code 1 N, PE, L | 1.0 | G2.232.1063.1 | 50 | |
| | | 2.0 | G2.232.2063.1 | 25 | |
| | | 3.0 | G2.232.3063.1 | 20 | |
| | | 4.0 | G2.232.4063.1 | 15 | |
| | | 5.0 | G2.232.5063.1 | 10 | |
| | | 6.0 | G2.232.6063.1 | 10 | |
| | | 7.0 | G2.232.7063.1 | 8 | |
| | | 8.0 | G2.232.8063.1 | 8 | |

Cable RZ1 0.6/1kV 3G1.5

| Cable color white/coding | Length m | Part No. | P.U. | Price | |
|--------------------------|--------------------|----------|---------------|-------|--|
| white | Code 1 N, PE, L | 1.0 | G2.232.1063.2 | 50 | |
| | | 2.0 | G2.232.2063.2 | 25 | |
| | | 3.0 | G2.232.3063.2 | 20 | |
| | | 4.0 | G2.232.4063.2 | 15 | |
| | | 5.0 | G2.232.5063.2 | 10 | |
| | | 6.0 | G2.232.6063.2 | 10 | |
| | | 7.0 | G2.232.7063.2 | 8 | |
| | | 8.0 | G2.232.8063.2 | 8 | |

Cable RZ1 0.6/1kV 3G1.5

| Cable color green/coding | Length m | Part No. | P.U. | Price | |
|--------------------------|--------------------|----------|---------------|-------|--|
| black | Code 1 N, PE, L | 1.0 | G2.232.1063.7 | 50 | |
| | | 2.0 | G2.232.2063.7 | 25 | |
| | | 3.0 | G2.232.3063.7 | 20 | |
| | | 4.0 | G2.232.4063.7 | 15 | |
| | | 5.0 | G2.232.5063.7 | 10 | |
| | | 6.0 | G2.232.6063.7 | 10 | |
| | | 7.0 | G2.232.7063.7 | 8 | |
| | | 8.0 | G2.232.8063.7 | 8 | |



GST18i3



Other cables, other lengths, other codings on request

Pre-assembled cables, 3 pole, 1.5 mm²



Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

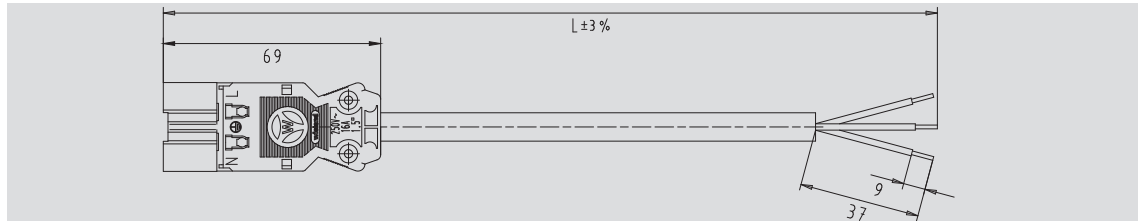
Cable material, RZ1 0.6/1kV 3G1.5: halogen-free
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cable male – free end

Wire ends ultrasonically welded



⊕ = GN/YE
 N = BU
 L = BN



Cable RZ1 0.6/1kV 3G1.5

| Cable black/coding | Length m | Part No. | P.U. | Price | |
|--------------------|--------------------|----------|---------------|-------|--|
| black | Code 1 L, PE, N | 1.0 | G2.232.1064.1 | 50 | |
| | | 2.0 | G2.232.2064.1 | 25 | |
| | | 3.0 | G2.232.3064.1 | 25 | |
| | | 4.0 | G2.232.4064.1 | 15 | |
| | | 5.0 | G2.232.5064.1 | 10 | |
| | | 6.0 | G2.232.6064.1 | 10 | |
| | | 7.0 | G2.232.7064.1 | 10 | |
| | | 8.0 | G2.232.8064.1 | 10 | |

Cable RZ1 0.6/1kV 3G1.5

| Cable white/coding | Length m | Part No. | P.U. | Price | |
|--------------------|--------------------|----------|---------------|-------|--|
| white | Code 1 L, PE, N | 1.0 | G2.232.1064.2 | 50 | |
| | | 2.0 | G2.232.2064.2 | 25 | |
| | | 3.0 | G2.232.3064.2 | 25 | |
| | | 4.0 | G2.232.4064.2 | 15 | |
| | | 5.0 | G2.232.5064.2 | 10 | |
| | | 6.0 | G2.232.6064.2 | 10 | |
| | | 7.0 | G2.232.7064.2 | 10 | |
| | | 8.0 | G2.232.8064.2 | 10 | |

Cable RZ1 0.6/1kV 3G1.5

| Cable green/coding | Length m | Part No. | P.U. | Price | |
|--------------------|--------------------|----------|---------------|-------|--|
| black | Code 1 L, PE, N | 1.0 | G2.232.1064.7 | 50 | |
| | | 2.0 | G2.232.2064.7 | 25 | |
| | | 3.0 | G2.232.3064.7 | 25 | |
| | | 4.0 | G2.232.4064.7 | 15 | |
| | | 5.0 | G2.232.5064.7 | 10 | |
| | | 6.0 | G2.232.6064.7 | 10 | |
| | | 7.0 | G2.232.7064.7 | 10 | |
| | | 8.0 | G2.232.8064.7 | 10 | |

Other cables, other lengths, other codings on request



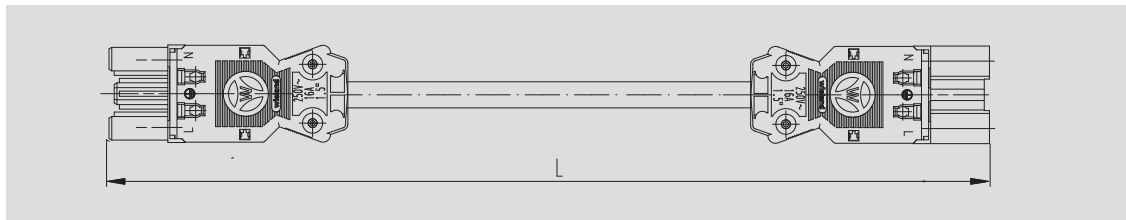
Pre-assembled cables, 3 pole, 2.5 mm²



Rated voltage: 250 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Cable material, RZ1 0.6/1kV 3G2.5: halogen-free
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male



⊕ = GN/YE
 N = BU
 L = BN

Cable RZ1 0.6/1kV 3G2.5

| Cable black/coding | Length m | Part No. | P.U. | Price | |
|--------------------|--------------------|----------|---------------|-------|--|
| black | Code 1 L, PE, N | 1.0 | G2.238.1060.1 | 40 | |
| | | 2.0 | G2.238.2060.1 | 15 | |
| | | 3.0 | G2.238.3060.1 | 15 | |
| | | 4.0 | G2.238.4060.1 | 10 | |
| | | 5.0 | G2.238.5060.1 | 10 | |
| | | 6.0 | G2.238.6060.1 | 8 | |
| | | 7.0 | G2.238.7060.1 | 5 | |
| | | 8.0 | G2.238.8060.1 | 5 | |

Cable RZ1 0.6/1kV 3G2.5

| Cable white/coding | Length m | Part No. | P.U. | Price | |
|--------------------|--------------------|----------|---------------|-------|--|
| white | Code 1 L, PE, N | 1.0 | G2.238.1060.2 | 40 | |
| | | 2.0 | G2.238.2060.2 | 25 | |
| | | 3.0 | G2.238.3060.2 | 15 | |
| | | 4.0 | G2.238.4060.2 | 10 | |
| | | 5.0 | G2.238.5060.2 | 10 | |
| | | 6.0 | G2.238.6060.2 | 8 | |
| | | 7.0 | G2.238.7060.2 | 5 | |
| | | 8.0 | G2.238.8060.2 | 5 | |

Cable RZ1 0.6/1kV 3G2.5

| Cable green/coding | Length m | Part No. | P.U. | Price | |
|--------------------|--------------------|----------|---------------|-------|--|
| black | Code 1 L, PE, N | 1.0 | G2.238.1060.7 | 40 | |
| | | 2.0 | G2.238.2060.7 | 15 | |
| | | 3.0 | G2.238.3060.7 | 20 | |
| | | 4.0 | G2.238.4060.7 | 10 | |
| | | 5.0 | G2.238.5060.7 | 10 | |
| | | 6.0 | G2.238.6060.7 | 8 | |
| | | 7.0 | G2.238.7060.7 | 5 | |
| | | 8.0 | G2.238.8060.7 | 5 | |



GST18i3



Other cables, other lengths, other codings on request

Pre-assembled cables, 3 pole, 2.5 mm²



Rated voltage: 250 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

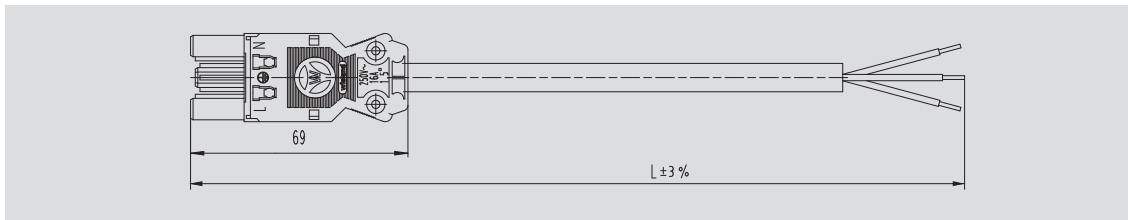
Cable material, RZ1 0.6/1kV 3G2.5: halogen-free
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cables female – free end

Wire ends ultrasonically welded



⊕ = GN/YE
 N = BU
 L = BN



Cable RZ1 0.6/1kV 3G2.5

| Cable color black/coding | Length m | Part No. | P.U. | Price | |
|--------------------------|--------------------|----------|---------------|-------|--|
| black | Code 1 N, PE, L | 1.0 | G2.238.1063.1 | 50 | |
| | | 2.0 | G2.238.2063.1 | 25 | |
| | | 3.0 | G2.238.3063.1 | 20 | |
| | | 4.0 | G2.238.4063.1 | 15 | |
| | | 5.0 | G2.238.5063.1 | 10 | |
| | | 6.0 | G2.238.6063.1 | 10 | |
| | | 7.0 | G2.238.7063.1 | 5 | |
| | | 8.0 | G2.238.8063.1 | 5 | |

Cable RZ1 0.6/1kV 3G2.5

| Cable color white/coding | Length m | Part No. | P.U. | Price | |
|--------------------------|--------------------|----------|---------------|-------|--|
| white | Code 1 N, PE, L | 1.0 | G2.238.1063.2 | 50 | |
| | | 2.0 | G2.238.2063.2 | 25 | |
| | | 3.0 | G2.238.3063.2 | 20 | |
| | | 4.0 | G2.238.4063.2 | 15 | |
| | | 5.0 | G2.238.5063.2 | 10 | |
| | | 6.0 | G2.238.6063.2 | 10 | |
| | | 7.0 | G2.238.7063.2 | 5 | |
| | | 8.0 | G2.238.8063.2 | 5 | |

Cable RZ1 0.6/1kV 3G2.5

| Cable color green/coding | Length m | Part No. | P.U. | Price | |
|--------------------------|--------------------|----------|---------------|-------|--|
| black | Code 1 N, PE, L | 1.0 | G2.238.1063.7 | 50 | |
| | | 2.0 | G2.238.2063.7 | 25 | |
| | | 3.0 | G2.238.3063.7 | 20 | |
| | | 4.0 | G2.238.4063.7 | 15 | |
| | | 5.0 | G2.238.5063.7 | 10 | |
| | | 6.0 | G2.238.6063.7 | 10 | |
| | | 7.0 | G2.238.7063.7 | 5 | |
| | | 8.0 | G2.238.8063.7 | 5 | |

Other cables, other lengths, other codings on request



Pre-assembled cables, 3 pole, 2.5 mm²

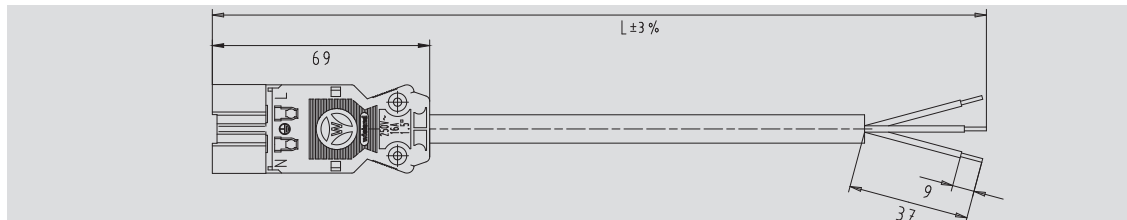


Rated voltage: 250 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Cable material, RZ1 0.6/1kV 3G2.5: halogen-free
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cable male – free end

Wire ends ultrasonically welded



⊕ = GN/YE
 N = BU
 L = BN

Cable RZ1 0.6/1kV 3G2.5

| Cable black/coding | Length m | Part No. | P.U. | Price | |
|--------------------|--------------------|----------|---------------|-------|--|
| black | Code 1 L, PE, N | 1.0 | G2.238.1064.1 | 50 | |
| | | 2.0 | G2.238.2064.1 | 25 | |
| | | 3.0 | G2.238.3064.1 | 20 | |
| | | 4.0 | G2.238.4064.1 | 10 | |
| | | 5.0 | G2.238.5064.1 | 10 | |
| | | 6.0 | G2.238.6064.1 | 8 | |
| | | 7.0 | G2.238.7064.1 | 5 | |
| | | 8.0 | G2.238.8064.1 | 5 | |

Cable RZ1 0.6/1kV 3G2.5

| Cable white/coding | Length m | Part No. | P.U. | Price | |
|--------------------|--------------------|----------|---------------|-------|--|
| white | Code 1 L, PE, N | 1.0 | G2.238.1064.2 | 50 | |
| | | 2.0 | G2.238.2064.2 | 50 | |
| | | 3.0 | G2.238.3064.2 | 25 | |
| | | 4.0 | G2.238.4064.2 | 10 | |
| | | 5.0 | G2.238.5064.2 | 20 | |
| | | 6.0 | G2.238.6064.2 | 8 | |
| | | 7.0 | G2.238.7064.2 | 5 | |
| | | 8.0 | G2.238.8064.2 | 5 | |

Cable RZ1 0.6/1kV 3G2.5

| Cable green/coding | Length m | Part No. | P.U. | Price | |
|--------------------|--------------------|----------|---------------|-------|--|
| black | Code 1 L, PE, N | 1.0 | G2.238.1064.7 | 50 | |
| | | 2.0 | G2.238.2064.7 | 25 | |
| | | 3.0 | G2.238.3064.7 | 25 | |
| | | 4.0 | G2.238.4064.7 | 10 | |
| | | 5.0 | G2.238.5064.7 | 10 | |
| | | 6.0 | G2.238.6064.7 | 8 | |
| | | 7.0 | G2.238.7064.7 | 5 | |
| | | 8.0 | G2.238.8064.7 | 5 | |



GST18i3



Other cables, other lengths, other codings on request





Italy



e-Shop

More information
<http://eshop.wieland-electric.com>



Cable assemblies, 3 pole, 1.5 mm²



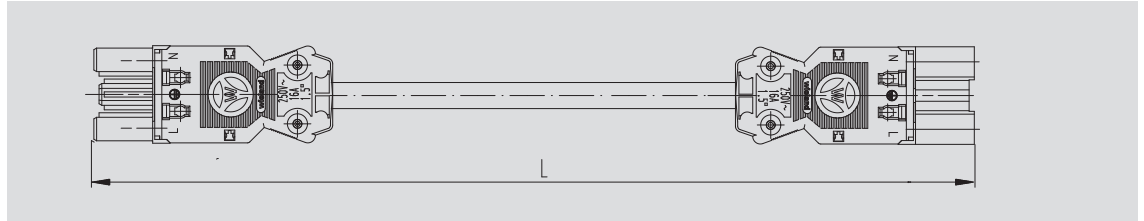
Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Cable material, FTG10(0)M1 0.6/1kV LSOH: halogen-free
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male



⊕ = GN/YE
 N = BU
 L = BN



Cable **FTG10(0)M1 0.6/1kV LSOH**

| Cable green/coding | Length m | Part No. | P.U. | Price | |
|--------------------|----------|--------------------------------|---------------|---------------|--|
| black | | Code 1 N, PE, L L, PE, N | 1.0 | 34.524.6603.1 | |
| | 2.0 | | 34.524.6605.1 | | |
| | 3.0 | | 34.524.6607.1 | | |
| | 4.0 | | 34.524.6609.1 | | |
| | 5.0 | | 34.524.6611.1 | | |
| | 6.0 | | 34.524.6613.1 | | |
| | 7.0 | | 34.524.6615.1 | | |
| | 8.0 | | 34.524.6617.1 | | |
| | 9.0 | | 34.524.6619.1 | | |
| | 10.0 | | 34.524.6621.1 | | |

Cable **FTG10(0)M1 0.6/1kV LSOH**

| Cable green/coding | Length m | Part No. | P.U. | Price | |
|--------------------|----------|--------------------------------|---------------|---------------|--|
| white | | Code 1 N, PE, L L, PE, N | 1.0 | 34.524.6603.0 | |
| | 2.0 | | 34.524.6605.0 | | |
| | 3.0 | | 34.524.6607.0 | | |
| | 4.0 | | 34.524.6609.0 | | |
| | 5.0 | | 34.524.6611.0 | | |
| | 6.0 | | 34.524.6613.0 | | |
| | 7.0 | | 34.524.6615.0 | | |
| | 8.0 | | 34.524.6617.0 | | |
| | 9.0 | | 34.524.6619.0 | | |
| | 10.0 | | 34.524.6621.0 | | |

Cable **FTG10(0)M1 0.6/1kV LSOH**

| Cable green/coding | Length m | Part No. | P.U. | Price | |
|--------------------|----------|--------------------------------|---------------|---------------|--|
| pebble gray | | Code 2 N, PE, L L, PE, N | 1.0 | 34.524.6603.3 | |
| | 2.0 | | 34.524.6605.3 | | |
| | 3.0 | | 34.524.6607.3 | | |
| | 4.0 | | 34.524.6609.3 | | |
| | 5.0 | | 34.524.6611.3 | | |
| | 6.0 | | 34.524.6613.3 | | |
| | 7.0 | | 34.524.6615.3 | | |
| | 8.0 | | 34.524.6617.3 | | |
| | 9.0 | | 34.524.6619.3 | | |
| | 10.0 | | 34.524.6621.3 | | |

Cable **FTG10(0)M1 0.6/1kV LSOH**

| Cable green/coding | Length m | Part No. | P.U. | Price | |
|--------------------|----------|--------------------------------|---------------|---------------|--|
| salmon red | | Code 3 N, PE, L L, PE, N | 1.0 | 34.524.6603.5 | |
| | 2.0 | | 34.524.6605.5 | | |
| | 3.0 | | 34.524.6607.5 | | |
| | 4.0 | | 34.524.6609.5 | | |
| | 5.0 | | 34.524.6611.5 | | |
| | 6.0 | | 34.524.6613.5 | | |
| | 7.0 | | 34.524.6615.5 | | |
| | 8.0 | | 34.524.6617.5 | | |
| | 9.0 | | 34.524.6619.5 | | |
| | 10.0 | | 34.524.6621.5 | | |

Cable **FTG10(0)M1 0.6/1kV LSOH**

| Cable green/coding | Length m | Part No. | P.U. | Price | |
|--------------------|----------|--------------------------------------|---------------|---------------|--|
| brown | | Code 4 3/L, 2/N, 1 1, 2/N, 3/L | 1.0 | 34.524.6603.4 | |
| | 2.0 | | 34.524.6605.4 | | |
| | 3.0 | | 34.524.6607.4 | | |
| | 4.0 | | 34.524.6609.4 | | |
| | 5.0 | | 34.524.6611.4 | | |
| | 6.0 | | 34.524.6613.4 | | |
| | 7.0 | | 34.524.6615.4 | | |
| | 8.0 | | 34.524.6617.4 | | |
| | 9.0 | | 34.524.6619.4 | | |
| | 10.0 | | 34.524.6621.4 | | |

Other cables, other lengths, other codings on request

Cable assemblies, 3 pole, 1.5 mm²

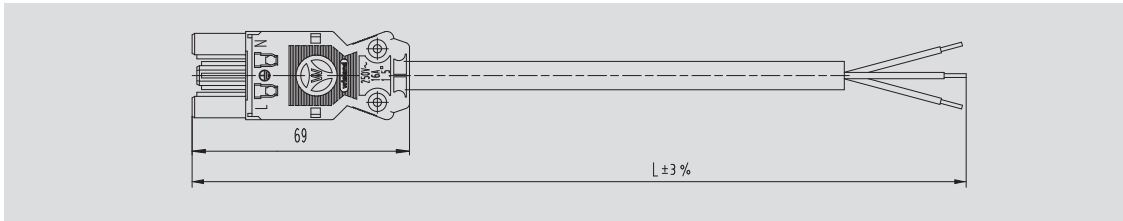


Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Cable material, FTG10(0)M1 0.6/1kV LSOH: halogen-free
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cables female – free end

Wire ends ultrasonically welded



⊕ = GN/YE
 N = BU
 L = BN

Cable FTG10(0)M1 0.6/1kV LSOH

| Cable green/coding | Length m | Part No. FG70M1 | P.U. | Price |
|--------------------|--------------------|-----------------|---------------|-------|
| black | Code 1 N, PE, L | 1.0 | 34.524.6633.1 | |
| | | 2.0 | 34.524.6635.1 | |
| | | 3.0 | 34.524.6637.1 | |
| | | 4.0 | 34.524.6639.1 | |
| | | 5.0 | 34.524.6641.1 | |
| | | 6.0 | 34.524.6643.1 | |
| | | 7.0 | 34.524.6645.1 | |
| | | 8.0 | 34.524.6647.1 | |
| | | 9.0 | 34.524.6649.1 | |
| | | 10.0 | 34.524.6651.1 | |

Cable FTG10(0)M1 0.6/1kV LSOH

| Cable green/coding | Length m | Part No. FG70M1 | P.U. | Price |
|--------------------|--------------------|-----------------|---------------|-------|
| white | Code 1 N, PE, L | 1.0 | 34.524.6633.0 | |
| | | 2.0 | 34.524.6635.0 | |
| | | 3.0 | 34.524.6637.0 | |
| | | 4.0 | 34.524.6639.0 | |
| | | 5.0 | 34.524.6641.0 | |
| | | 6.0 | 34.524.6643.0 | |
| | | 7.0 | 34.524.6645.0 | |
| | | 8.0 | 34.524.6647.0 | |
| | | 9.0 | 34.524.6649.0 | |
| | | 10.0 | 34.524.6651.0 | |

Cable FTG10(0)M1 0.6/1kV LSOH

| Cable green/coding | Length m | Part No. FG70M1 | P.U. | Price |
|--------------------|--------------------|-----------------|---------------|-------|
| pebble gray | Code 2 N, PE, L | 1.0 | 34.524.6633.3 | |
| | | 2.0 | 34.524.6635.3 | |
| | | 3.0 | 34.524.6637.3 | |
| | | 4.0 | 34.524.6639.3 | |
| | | 5.0 | 34.524.6641.3 | |
| | | 6.0 | 34.524.6643.3 | |
| | | 7.0 | 34.524.6645.3 | |
| | | 8.0 | 34.524.6647.3 | |
| | | 9.0 | 34.524.6649.3 | |
| | | 10.0 | 34.524.6651.3 | |

Cable FTG10(0)M1 0.6/1kV LSOH

| Cable green/coding | Length m | Part No. FG70M1 | P.U. | Price |
|--------------------|--------------------|-----------------|---------------|-------|
| salmon red | Code 3 N, PE, L | 1.0 | 34.524.6633.5 | |
| | | 2.0 | 34.524.6635.5 | |
| | | 3.0 | 34.524.6637.5 | |
| | | 4.0 | 34.524.6639.5 | |
| | | 5.0 | 34.524.6641.5 | |
| | | 6.0 | 34.524.6643.5 | |
| | | 7.0 | 34.524.6645.5 | |
| | | 8.0 | 34.524.6647.5 | |
| | | 9.0 | 34.524.6649.5 | |
| | | 10.0 | 34.524.6651.5 | |

Cable FTG10(0)M1 0.6/1kV LSOH

| Cable green/coding | Length m | Part No. FG70M1 | P.U. | Price |
|--------------------|-----------------------|-----------------|---------------|-------|
| brown | Code 4 3/L, 2/N, 1 | 1.0 | 34.524.6633.4 | |
| | | 2.0 | 34.524.6635.4 | |
| | | 3.0 | 34.524.6637.4 | |
| | | 4.0 | 34.524.6639.4 | |
| | | 5.0 | 34.524.6641.4 | |
| | | 6.0 | 34.524.6643.4 | |
| | | 7.0 | 34.524.6645.4 | |
| | | 8.0 | 34.524.6647.4 | |
| | | 9.0 | 34.524.6649.4 | |
| | | 10.0 | 34.524.6651.4 | |



GST18i3

Other cables, other lengths, other codings on request

Cable assemblies, 3 pole, 1.5 mm²



Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

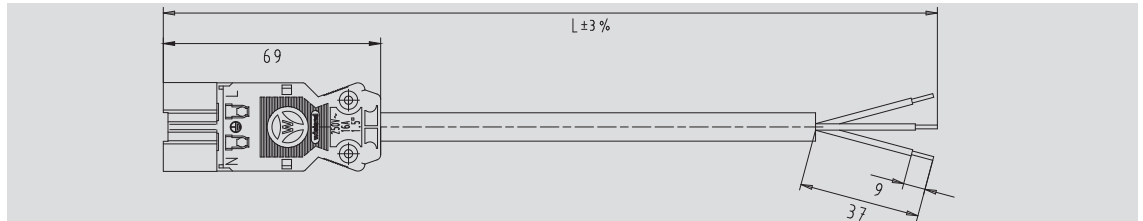
Cable material, FTG10(0)M1 0.6/1kV LSOH: Halogen-free
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cable male – free end

Wire ends ultrasonically welded



⊕ = GN/YE
 N = BU
 L = BN



Cable FTG10(0)M1 0.6/1kV LSOH

| Cable green/coding | Length m | Part No. | P.U. | Price | |
|--------------------|--------------------|----------|---------------|-------|--|
| black | Code 1 L, PE, N | 1.0 | 34.524.6663.1 | | |
| | | 2.0 | 34.524.6665.1 | | |
| | | 3.0 | 34.524.6667.1 | | |
| | | 4.0 | 34.524.6669.1 | | |
| | | 5.0 | 34.524.6671.1 | | |
| | | 6.0 | 34.524.6673.1 | | |
| | | 7.0 | 34.524.6675.1 | | |
| | | 8.0 | 34.524.6677.1 | | |
| | | 9.0 | 34.524.6679.1 | | |
| | | 10.0 | 34.524.6681.1 | | |

Cable FTG10(0)M1 0.6/1kV LSOH

| Cable green/coding | Length m | Part No. | P.U. | Price | |
|--------------------|--------------------|----------|---------------|-------|--|
| white | Code 1 L, PE, N | 1.0 | 34.524.6663.0 | | |
| | | 2.0 | 34.524.6665.0 | | |
| | | 3.0 | 34.524.6667.0 | | |
| | | 4.0 | 34.524.6669.0 | | |
| | | 5.0 | 34.524.6671.0 | | |
| | | 6.0 | 34.524.6673.0 | | |
| | | 7.0 | 34.524.6675.0 | | |
| | | 8.0 | 34.524.6677.0 | | |
| | | 9.0 | 34.524.6679.0 | | |
| | | 10.0 | 34.524.6681.0 | | |

Cable FTG10(0)M1 0.6/1kV LSOH

| Cable green/coding | Length m | Part No. | P.U. | Price | |
|--------------------|--------------------|----------|---------------|-------|--|
| pebble gray | Code 2 L, PE, N | 1.0 | 34.524.6663.3 | | |
| | | 2.0 | 34.524.6665.3 | | |
| | | 3.0 | 34.524.6667.3 | | |
| | | 4.0 | 34.524.6669.3 | | |
| | | 5.0 | 34.524.6671.3 | | |
| | | 6.0 | 34.524.6673.3 | | |
| | | 7.0 | 34.524.6675.3 | | |
| | | 8.0 | 34.524.6677.3 | | |
| | | 9.0 | 34.524.6679.3 | | |
| | | 10.0 | 34.524.6681.3 | | |

Cable FTG10(0)M1 0.6/1kV LSOH

| Cable green/coding | Length m | Part No. | P.U. | Price | |
|--------------------|--------------------|----------|---------------|-------|--|
| salmon red | Code 3 L, PE, N | 1.0 | 34.524.6663.5 | | |
| | | 2.0 | 34.524.6665.5 | | |
| | | 3.0 | 34.524.6667.5 | | |
| | | 4.0 | 34.524.6669.5 | | |
| | | 5.0 | 34.524.6671.5 | | |
| | | 6.0 | 34.524.6673.5 | | |
| | | 7.0 | 34.524.6675.5 | | |
| | | 8.0 | 34.524.6677.5 | | |
| | | 9.0 | 34.524.6679.5 | | |
| | | 10.0 | 34.524.6681.5 | | |

Cable FTG10(0)M1 0.6/1kV LSOH

| Cable green/coding | Length m | Part No. | P.U. | Price | |
|--------------------|-----------------------|----------|---------------|-------|--|
| brown | Code 4 1, 2/N, 3/L | 1.0 | 34.524.6663.4 | | |
| | | 2.0 | 34.524.6665.4 | | |
| | | 3.0 | 34.524.6667.4 | | |
| | | 4.0 | 34.524.6669.4 | | |
| | | 5.0 | 34.524.6671.4 | | |
| | | 6.0 | 34.524.6673.4 | | |
| | | 7.0 | 34.524.6675.4 | | |
| | | 8.0 | 34.524.6677.4 | | |
| | | 9.0 | 34.524.6679.4 | | |
| | | 10.0 | 34.524.6681.4 | | |

Other cables, other lengths, other codings on request

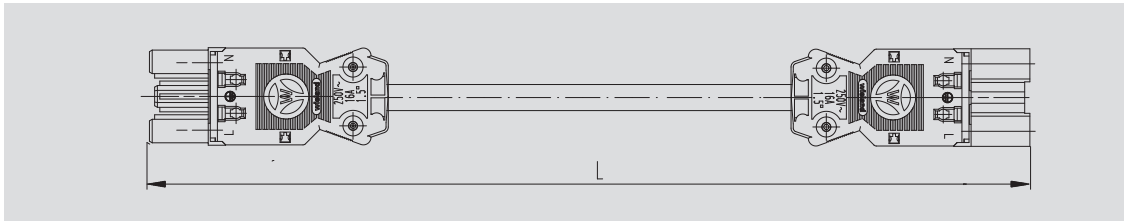
Cable assemblies, 3 pole, 2.5 mm²



Rated voltage: 250 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Cable material, FTG10(0)M1 0.6/1kV LSOH: Halogen-free
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male



⊕ = GN/YE
 N = BU
 L = BN

Cable FTG10(0)M1 0.6/1kV LSOH

| Cable green/coding | Length m | Part No. FG70M1 | P.U. | Price |
|--------------------|----------|-----------------|------|-------|
| black | 1.0 | 34.524.6703.1 | | |
| | 2.0 | 34.524.6705.1 | | |
| | 3.0 | 34.524.6707.1 | | |
| | 4.0 | 34.524.6709.1 | | |
| | 5.0 | 34.524.6711.1 | | |
| | 6.0 | 34.524.6713.1 | | |
| | 7.0 | 34.524.6715.1 | | |
| | 8.0 | 34.524.6717.1 | | |
| | 9.0 | 34.524.6719.1 | | |
| | 10.0 | 34.524.6721.1 | | |

Cable FTG10(0)M1 0.6/1kV LSOH

| Cable green/coding | Length m | Part No. FG70M1 | P.U. | Price |
|--------------------|----------|-----------------|------|-------|
| white | 1.0 | 34.524.6703.0 | | |
| | 2.0 | 34.524.6705.0 | | |
| | 3.0 | 34.524.6707.0 | | |
| | 4.0 | 34.524.6709.0 | | |
| | 5.0 | 34.524.6711.0 | | |
| | 6.0 | 34.524.6713.0 | | |
| | 7.0 | 34.524.6715.0 | | |
| | 8.0 | 34.524.6717.0 | | |
| | 9.0 | 34.524.6719.0 | | |
| | 10.0 | 34.524.6721.0 | | |

Cable FTG10(0)M1 0.6/1kV LSOH

| Cable green/coding | Length m | Part No. FG70M1 | P.U. | Price |
|--------------------|----------|-----------------|------|-------|
| pebble gray | 1.0 | 34.524.6703.3 | | |
| | 2.0 | 34.524.6705.3 | | |
| | 3.0 | 34.524.6707.3 | | |
| | 4.0 | 34.524.6709.3 | | |
| | 5.0 | 34.524.6711.3 | | |
| | 6.0 | 34.524.6713.3 | | |
| | 7.0 | 34.524.6715.3 | | |
| | 8.0 | 34.524.6717.3 | | |
| | 9.0 | 34.524.6719.3 | | |
| | 10.0 | 34.524.6721.3 | | |

Cable FTG10(0)M1 0.6/1kV LSOH

| Cable green/coding | Length m | Part No. FG70M1 | P.U. | Price |
|--------------------|----------|-----------------|------|-------|
| salmon red | 1.0 | 34.524.6703.5 | | |
| | 2.0 | 34.524.6705.5 | | |
| | 3.0 | 34.524.6707.5 | | |
| | 4.0 | 34.524.6709.5 | | |
| | 5.0 | 34.524.6711.5 | | |
| | 6.0 | 34.524.6713.5 | | |
| | 7.0 | 34.524.6715.5 | | |
| | 8.0 | 34.524.6717.5 | | |
| | 9.0 | 34.524.6719.5 | | |
| | 10.0 | 34.524.6721.5 | | |

Cable FTG10(0)M1 0.6/1kV LSOH

| Cable green/coding | Length m | Part No. FG70M1 | P.U. | Price |
|--------------------|----------|-----------------|------|-------|
| brown | 1.0 | 34.524.6703.4 | | |
| | 2.0 | 34.524.6705.4 | | |
| | 3.0 | 34.524.6707.4 | | |
| | 4.0 | 34.524.6709.4 | | |
| | 5.0 | 34.524.6711.4 | | |
| | 6.0 | 34.524.6713.4 | | |
| | 7.0 | 34.524.6715.4 | | |
| | 8.0 | 34.524.6717.4 | | |
| | 9.0 | 34.524.6719.4 | | |
| | 10.0 | 34.524.6721.4 | | |



GST18i3

Other cables, other lengths, other codings on request

Cable assemblies, 3 pole, 2.5 mm²



Rated voltage: 250 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

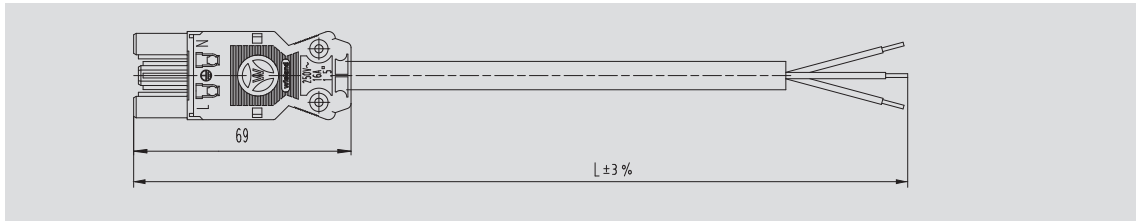
Cable material, FTG10(0)M1 0.6/1kV LSOH: Halogen-free
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cables female – free end

Wire ends ultrasonically welded



⊕ = GN/YE
 N = BU
 L = BN



Cable FTG10(0)M1 0.6/1kV LSOH

| Cable green/coding | Length m | Part No. | P.U. | Price | |
|--------------------|--------------------|----------|---------------|-------|--|
| black | Code 1 N, PE, L | 1.0 | 34.524.6733.1 | | |
| | | 2.0 | 34.524.6735.1 | | |
| | | 3.0 | 34.524.6737.1 | | |
| | | 4.0 | 34.524.6739.1 | | |
| | | 5.0 | 34.524.6741.1 | | |
| | | 6.0 | 34.524.6743.1 | | |
| | | 7.0 | 34.524.6745.1 | | |
| | | 8.0 | 34.524.6747.1 | | |
| | | 9.0 | 34.524.6749.1 | | |
| | | 10.0 | 34.524.6751.1 | | |

Cable FTG10(0)M1 0.6/1kV LSOH

| Cable green/coding | Length m | Part No. | P.U. | Price | |
|--------------------|--------------------|----------|---------------|-------|--|
| white | Code 1 N, PE, L | 1.0 | 34.524.6733.0 | | |
| | | 2.0 | 34.524.6735.0 | | |
| | | 3.0 | 34.524.6737.0 | | |
| | | 4.0 | 34.524.6739.0 | | |
| | | 5.0 | 34.524.6741.0 | | |
| | | 6.0 | 34.524.6743.0 | | |
| | | 7.0 | 34.524.6745.0 | | |
| | | 8.0 | 34.524.6747.0 | | |
| | | 9.0 | 34.524.6749.0 | | |
| | | 10.0 | 34.524.6751.0 | | |

Cable FTG10(0)M1 0.6/1kV LSOH

| Cable green/coding | Length m | Part No. | P.U. | Price | |
|--------------------|--------------------|----------|---------------|-------|--|
| pebble gray | Code 2 N, PE, L | 1.0 | 34.524.6733.3 | | |
| | | 2.0 | 34.524.6735.3 | | |
| | | 3.0 | 34.524.6737.3 | | |
| | | 4.0 | 34.524.6739.3 | | |
| | | 5.0 | 34.524.6741.3 | | |
| | | 6.0 | 34.524.6743.3 | | |
| | | 7.0 | 34.524.6745.3 | | |
| | | 8.0 | 34.524.6747.3 | | |
| | | 9.0 | 34.524.6749.3 | | |
| | | 10.0 | 34.524.6751.3 | | |

Cable FTG10(0)M1 0.6/1kV LSOH

| Cable green/coding | Length m | Part No. | P.U. | Price | |
|--------------------|--------------------|----------|---------------|-------|--|
| salmon red | Code 3 N, PE, L | 1.0 | 34.524.6733.5 | | |
| | | 2.0 | 34.524.6735.5 | | |
| | | 3.0 | 34.524.6737.5 | | |
| | | 4.0 | 34.524.6739.5 | | |
| | | 5.0 | 34.524.6741.5 | | |
| | | 6.0 | 34.524.6743.5 | | |
| | | 7.0 | 34.524.6745.5 | | |
| | | 8.0 | 34.524.6747.5 | | |
| | | 9.0 | 34.524.6749.5 | | |
| | | 10.0 | 34.524.6751.5 | | |

Cable FTG10(0)M1 0.6/1kV LSOH

| Cable green/coding | Length m | Part No. | P.U. | Price | |
|--------------------|-----------------------|----------|---------------|-------|--|
| brown | Code 4 3/L, 2/N, 1 | 1.0 | 34.524.6733.4 | | |
| | | 2.0 | 34.524.6735.4 | | |
| | | 3.0 | 34.524.6737.4 | | |
| | | 4.0 | 34.524.6739.4 | | |
| | | 5.0 | 34.524.6741.4 | | |
| | | 6.0 | 34.524.6743.4 | | |
| | | 7.0 | 34.524.6745.4 | | |
| | | 8.0 | 34.524.6747.4 | | |
| | | 9.0 | 34.524.6749.4 | | |
| | | 10.0 | 34.524.6751.4 | | |

Other cables, other lengths, other codings on request

Cable assemblies, 3 pole, 2.5 mm²

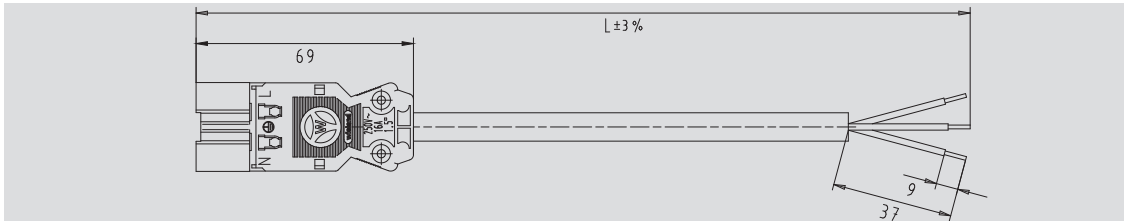


Rated voltage: 250 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Cable material, FTG10(0)M1 0.6/1kV LSOH: Halogen-free
 Sheath strip length: 37 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cable male – free end

Wire ends ultrasonically welded



⊕ = GN/YE
 N = BU
 L = BN

Cable FTG10(0)M1 0.6/1kV LSOH

| Cable green/coding | Length m | Part No. FG70M1 | P.U. | Price |
|--------------------|--------------------|-----------------|---------------|-------|
| black | Code 1 L, PE, N | 1.0 | 34.524.6763.1 | |
| | | 2.0 | 34.524.6765.1 | |
| | | 3.0 | 34.524.6767.1 | |
| | | 4.0 | 34.524.6769.1 | |
| | | 5.0 | 34.524.6771.1 | |
| | | 6.0 | 34.524.6773.1 | |
| | | 7.0 | 34.524.6775.1 | |
| | | 8.0 | 34.524.6777.1 | |
| | | 9.0 | 34.524.6779.1 | |
| | | 10.0 | 34.524.6781.1 | |

Cable FTG10(0)M1 0.6/1kV LSOH

| Cable green/coding | Length m | Part No. FG70M1 | P.U. | Price |
|--------------------|--------------------|-----------------|---------------|-------|
| white | Code 1 L, PE, N | 1.0 | 34.524.6763.0 | |
| | | 2.0 | 34.524.6765.0 | |
| | | 3.0 | 34.524.6767.0 | |
| | | 4.0 | 34.524.6769.0 | |
| | | 5.0 | 34.524.6771.0 | |
| | | 6.0 | 34.524.6773.0 | |
| | | 7.0 | 34.524.6775.0 | |
| | | 8.0 | 34.524.6777.0 | |
| | | 9.0 | 34.524.6779.0 | |
| | | 10.0 | 34.524.6781.0 | |

Cable FTG10(0)M1 0.6/1kV LSOH

| Cable green/coding | Length m | Part No. FG70M1 | P.U. | Price |
|--------------------|--------------------|-----------------|---------------|-------|
| pebble gray | Code 2 L, PE, N | 1.0 | 34.524.6763.3 | |
| | | 2.0 | 34.524.6765.3 | |
| | | 3.0 | 34.524.6767.3 | |
| | | 4.0 | 34.524.6769.3 | |
| | | 5.0 | 34.524.6771.3 | |
| | | 6.0 | 34.524.6773.3 | |
| | | 7.0 | 34.524.6775.3 | |
| | | 8.0 | 34.524.6777.3 | |
| | | 9.0 | 34.524.6779.3 | |
| | | 10.0 | 34.524.6781.3 | |

Cable FTG10(0)M1 0.6/1kV LSOH

| Cable green/coding | Length m | Part No. FG70M1 | P.U. | Price |
|--------------------|--------------------|-----------------|---------------|-------|
| salmon red | Code 3 L, PE, N | 1.0 | 34.524.6763.5 | |
| | | 2.0 | 34.524.6765.5 | |
| | | 3.0 | 34.524.6767.5 | |
| | | 4.0 | 34.524.6769.5 | |
| | | 5.0 | 34.524.6771.5 | |
| | | 6.0 | 34.524.6773.5 | |
| | | 7.0 | 34.524.6775.5 | |
| | | 8.0 | 34.524.6777.5 | |
| | | 9.0 | 34.524.6779.5 | |
| | | 10.0 | 34.524.6781.5 | |

Cable FTG10(0)M1 0.6/1kV LSOH

| Cable green/coding | Length m | Part No. FG70M1 | P.U. | Price |
|--------------------|-----------------------|-----------------|---------------|-------|
| brown | Code 4 1, 2/N, 3/L | 1.0 | 34.524.6763.4 | |
| | | 2.0 | 34.524.6765.4 | |
| | | 3.0 | 34.524.6767.4 | |
| | | 4.0 | 34.524.6769.4 | |
| | | 5.0 | 34.524.6771.4 | |
| | | 6.0 | 34.524.6773.4 | |
| | | 7.0 | 34.524.6775.4 | |
| | | 8.0 | 34.524.6777.4 | |
| | | 9.0 | 34.524.6779.4 | |
| | | 10.0 | 34.524.6781.4 | |



GST18i3

Other cables, other lengths, other codings on request

Cable assemblies, 5 pole, 1.5 mm²



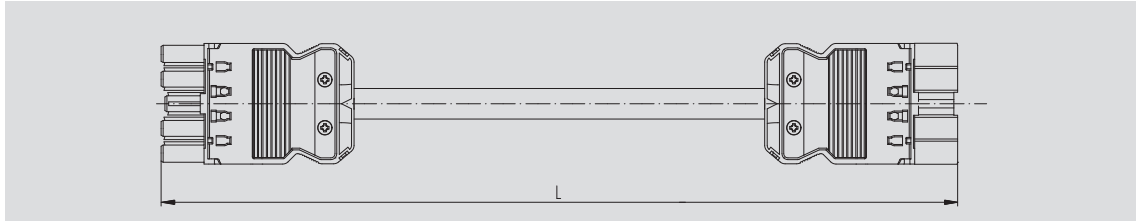
Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Cable material, FTG10(0)M1 0.6/1kV LSOH: Halogen-free
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male



Power 250/400 V:
 ⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY



| Cable FTG10(0)M1 0.6/1kV LSOH | | | | | |
|-------------------------------|--|----------|---------------|-------|--|
| Cable green/coding | Length m | Part No. | P.U. | Price | |
| black | Code 1 3, N, PE, 2, 1 1, 2, PE, N, 3 | 1.0 | 34.532.3603.1 | | |
| | | 2.0 | 34.532.3605.1 | | |
| | | 3.0 | 34.532.3607.1 | | |
| | | 4.0 | 34.532.3609.1 | | |
| | | 5.0 | 34.532.3611.1 | | |
| | | 6.0 | 34.532.3613.1 | | |
| | | 7.0 | 34.532.3615.1 | | |
| | | 8.0 | 34.532.3617.1 | | |
| | | 9.0 | 34.532.3619.1 | | |
| | | 10.0 | 34.532.3621.1 | | |

| Cable FTG10(0)M1 0.6/1kV LSOH | | | | | |
|-------------------------------|--|----------|---------------|-------|--|
| Cable green/coding | Length m | Part No. | P.U. | Price | |
| white | Code 1 3, N, PE, 2, 1 1, 2, PE, N, 3 | 1.0 | 34.532.3603.0 | | |
| | | 2.0 | 34.532.3605.0 | | |
| | | 3.0 | 34.532.3607.0 | | |
| | | 4.0 | 34.532.3609.0 | | |
| | | 5.0 | 34.532.3611.0 | | |
| | | 6.0 | 34.532.3613.0 | | |
| | | 7.0 | 34.532.3615.0 | | |
| | | 8.0 | 34.532.3617.0 | | |
| | | 9.0 | 34.532.3619.0 | | |
| | | 10.0 | 34.532.3621.0 | | |

| Cable FTG10(0)M1 0.6/1kV LSOH | | | | | |
|-------------------------------|--|----------|---------------|-------|--|
| Cable green/coding | Length m | Part No. | P.U. | Price | |
| pebble gray | Code 3 3, N, PE, 2, 1 1, 2, PE, N, 3 | 1.0 | 34.532.3603.3 | | |
| | | 2.0 | 34.532.3605.3 | | |
| | | 3.0 | 34.532.3607.3 | | |
| | | 4.0 | 34.532.3609.3 | | |
| | | 5.0 | 34.532.3611.3 | | |
| | | 6.0 | 34.532.3613.3 | | |
| | | 7.0 | 34.532.3615.3 | | |
| | | 8.0 | 34.532.3617.3 | | |
| | | 9.0 | 34.532.3619.3 | | |
| | | 10.0 | 34.532.3621.3 | | |

Other cables, other lengths, other codings on request

Cable assemblies, 5 pole, 1.5 mm²



Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

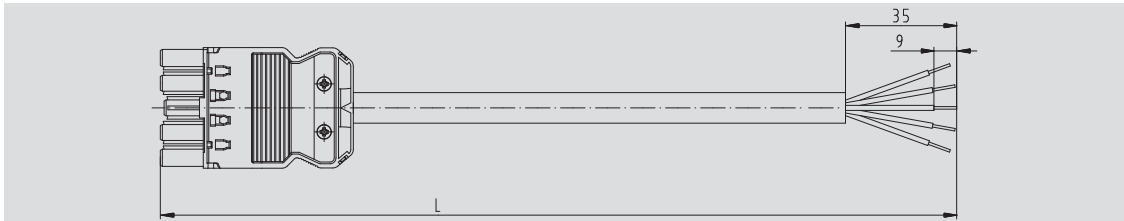
Cable material, FTG10(0)M1 0.6/1kV LSOH: Halogen-free
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cables female – free end

Wire ends ultrasonically welded



Power 250/400 V:
 ⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY



Cable FTG10(0)M1 0.6/1kV LSOH

| Cable green/coding | Length m | Part No. | P.U. | Price | |
|--------------------|--------------------------|----------|---------------|-------|--|
| black | Code 1 3, N, PE, 2, 1 | 1.0 | 34.532.3633.1 | | |
| | | 2.0 | 34.532.3635.1 | | |
| | | 3.0 | 34.532.3637.1 | | |
| | | 4.0 | 34.532.3639.1 | | |
| | | 5.0 | 34.532.3641.1 | | |
| | | 6.0 | 34.532.3643.1 | | |
| | | 7.0 | 34.532.3645.1 | | |
| | | 8.0 | 34.532.3647.1 | | |
| | | 9.0 | 34.532.3649.1 | | |
| | | 10.0 | 34.532.3651.1 | | |

Cable FTG10(0)M1 0.6/1kV LSOH

| Cable green/coding | Length m | Part No. | P.U. | Price | |
|--------------------|--------------------------|----------|---------------|-------|--|
| white | Code 1 3, N, PE, 2, 1 | 1.0 | 34.532.3633.0 | | |
| | | 2.0 | 34.532.3635.0 | | |
| | | 3.0 | 34.532.3637.0 | | |
| | | 4.0 | 34.532.3639.0 | | |
| | | 5.0 | 34.532.3641.0 | | |
| | | 6.0 | 34.532.3643.0 | | |
| | | 7.0 | 34.532.3645.0 | | |
| | | 8.0 | 34.532.3647.0 | | |
| | | 9.0 | 34.532.3649.0 | | |
| | | 10.0 | 34.532.3651.0 | | |

Cable FTG10(0)M1 0.6/1kV LSOH

| Cable green/coding | Length m | Part No. | P.U. | Price | |
|--------------------|--------------------------|----------|---------------|-------|--|
| pebble gray | Code 3 3, N, PE, 2, 1 | 1.0 | 34.532.3633.3 | | |
| | | 2.0 | 34.532.3635.3 | | |
| | | 3.0 | 34.532.3637.3 | | |
| | | 4.0 | 34.532.3639.3 | | |
| | | 5.0 | 34.532.3641.3 | | |
| | | 6.0 | 34.532.3643.3 | | |
| | | 7.0 | 34.532.3645.3 | | |
| | | 8.0 | 34.532.3647.3 | | |
| | | 9.0 | 34.532.3649.3 | | |
| | | 10.0 | 34.532.3651.3 | | |



GST18i5

Other cables, other lengths, other codings on request

Cable assemblies, 5 pole, 1.5 mm²



Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

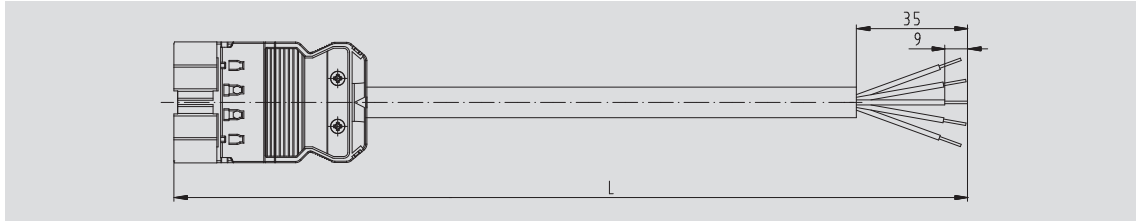
Cable material, FTG10(0)M1 0.6/1kV LSOH: Halogen-free
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cable male – free end

Wire ends ultrasonically welded



Power 250/400 V:
 ⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY



| Cable FTG10(0)M1 0.6/1kV LSOH | | | | | |
|-------------------------------|--------------------------|----------|---------------|-------|--|
| Cable green/coding | Length m | Part No. | P.U. | Price | |
| black | Code 1 1, 2, PE, N, 3 | 1.0 | 34.532.3663.1 | | |
| | | 2.0 | 34.532.3665.1 | | |
| | | 3.0 | 34.532.3667.1 | | |
| | | 4.0 | 34.532.3669.1 | | |
| | | 5.0 | 34.532.3671.1 | | |
| | | 6.0 | 34.532.3673.1 | | |
| | | 7.0 | 34.532.3675.1 | | |
| | | 8.0 | 34.532.3677.1 | | |
| | | 9.0 | 34.532.3679.1 | | |
| | | 10.0 | 34.532.3681.1 | | |

| Cable FTG10(0)M1 0.6/1kV LSOH | | | | | |
|-------------------------------|--------------------------|----------|---------------|-------|--|
| Cable green/coding | Length m | Part No. | P.U. | Price | |
| white | Code 1 1, 2, PE, N, 3 | 1.0 | 34.532.3663.0 | | |
| | | 2.0 | 34.532.3665.0 | | |
| | | 3.0 | 34.532.3667.0 | | |
| | | 4.0 | 34.532.3669.0 | | |
| | | 5.0 | 34.532.3671.0 | | |
| | | 6.0 | 34.532.3673.0 | | |
| | | 7.0 | 34.532.3675.0 | | |
| | | 8.0 | 34.532.3677.0 | | |
| | | 9.0 | 34.532.3679.0 | | |
| | | 10.0 | 34.532.3681.0 | | |

| Cable FTG10(0)M1 0.6/1kV LSOH | | | | | |
|-------------------------------|--------------------------|----------|---------------|-------|--|
| Cable green/coding | Length m | Part No. | P.U. | Price | |
| pebble gray | Code 3 1, 2, PE, N, 3 | 1.0 | 34.532.3663.3 | | |
| | | 2.0 | 34.532.3665.3 | | |
| | | 3.0 | 34.532.3667.3 | | |
| | | 4.0 | 34.532.3669.3 | | |
| | | 5.0 | 34.532.3671.3 | | |
| | | 6.0 | 34.532.3673.3 | | |
| | | 7.0 | 34.532.3675.3 | | |
| | | 8.0 | 34.532.3677.3 | | |
| | | 9.0 | 34.532.3679.3 | | |
| | | 10.0 | 34.532.3681.3 | | |

Other cables, other lengths, other codings on request

Cable assemblies, 5 pole, 2.5 mm²



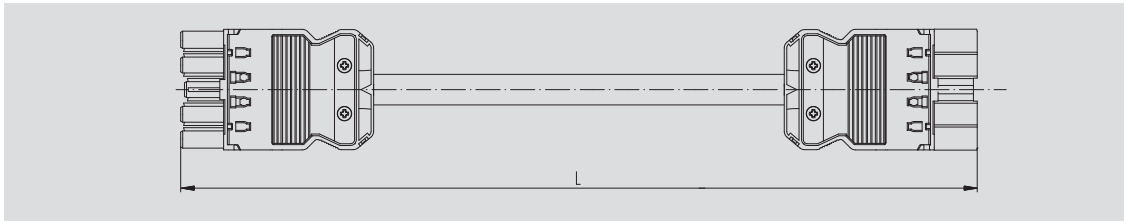
Rated voltage: 250 V
 Rated current: 20 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Cable material, FTG10(0)M1 0.6/1kV LSOH
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connecting cables female – male



Power 250/400 V:
 ⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY



Cable FTG10(0)M1 0.6/1kV LSOH

| Cable green/coding | Length m | Part No. | P.U. | Price |
|--------------------|----------|---------------|------|-------|
| black | 1.0 | 34.532.3703.1 | | |
| | 2.0 | 34.532.3705.1 | | |
| | 3.0 | 34.532.3707.1 | | |
| | 4.0 | 34.532.3709.1 | | |
| | 5.0 | 34.532.3711.1 | | |
| | 6.0 | 34.532.3713.1 | | |
| | 7.0 | 34.532.3715.1 | | |
| | 8.0 | 34.532.3717.1 | | |
| | 9.0 | 34.532.3719.1 | | |
| | 10.0 | 34.532.3721.1 | | |

Cable FTG10(0)M1 0.6/1kV LSOH

| Cable green/coding | Length m | Part No. | P.U. | Price |
|--------------------|----------|---------------|------|-------|
| white | 1.0 | 34.532.3703.0 | | |
| | 2.0 | 34.532.3705.0 | | |
| | 3.0 | 34.532.3707.0 | | |
| | 4.0 | 34.532.3709.0 | | |
| | 5.0 | 34.532.3711.0 | | |
| | 6.0 | 34.532.3713.0 | | |
| | 7.0 | 34.532.3715.0 | | |
| | 8.0 | 34.532.3717.0 | | |
| | 9.0 | 34.532.3719.0 | | |
| | 10.0 | 34.532.3721.0 | | |

Cable FTG10(0)M1 0.6/1kV LSOH

| Cable green/coding | Length m | Part No. | P.U. | Price |
|--------------------|----------|---------------|------|-------|
| pebble gray | 1.0 | 34.532.3703.3 | | |
| | 2.0 | 34.532.3705.3 | | |
| | 3.0 | 34.532.3707.3 | | |
| | 4.0 | 34.532.3709.3 | | |
| | 5.0 | 34.532.3711.3 | | |
| | 6.0 | 34.532.3713.3 | | |
| | 7.0 | 34.532.3715.3 | | |
| | 8.0 | 34.532.3717.3 | | |
| | 9.0 | 34.532.3719.3 | | |
| | 10.0 | 34.532.3721.3 | | |



GST18i5

Other cables, other lengths, other codings on request

Cable assemblies, 5 pole, 2.5 mm²



Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

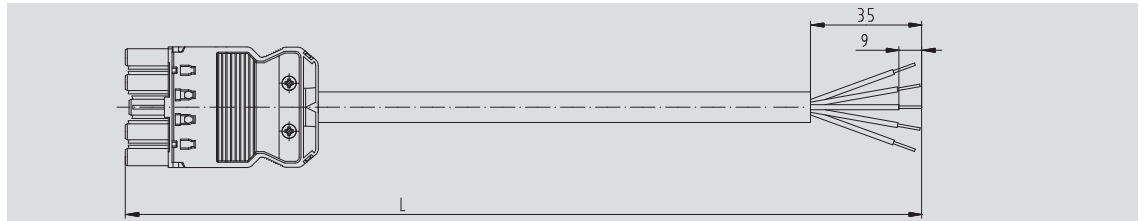
Cable material, FTG10(0)M1 0.6/1kV LSOH: Halogen-free
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

Connection cable male – free end

Wire ends ultrasonically welded



Power 250/400 V:
 ⊕ = GN/YE
 N = BU
 1 = BN
 2 = BK
 3 = GY



| Cable FTG10(0)M1 0.6/1kV LSOH | | | | | |
|-------------------------------|--------------------------|----------|---------------|-------|--|
| Cable green/coding | Length m | Part No. | P.U. | Price | |
| black | Code 1 3, N, PE, 2, 1 | 1.0 | 34.532.3733.1 | | |
| | | 2.0 | 34.532.3735.1 | | |
| | | 3.0 | 34.532.3737.1 | | |
| | | 4.0 | 34.532.3739.1 | | |
| | | 5.0 | 34.532.3741.1 | | |
| | | 6.0 | 34.532.3743.1 | | |
| | | 7.0 | 34.532.3745.1 | | |
| | | 8.0 | 34.532.3747.1 | | |
| | | 9.0 | 34.532.3749.1 | | |
| | | 10.0 | 34.532.3751.1 | | |

| Cable FTG10(0)M1 0.6/1kV LSOH | | | | | |
|-------------------------------|--------------------------|----------|---------------|-------|--|
| Cable green/coding | Length m | Part No. | P.U. | Price | |
| white | Code 1 3, N, PE, 2, 1 | 1.0 | 34.532.3733.0 | | |
| | | 2.0 | 34.532.3735.0 | | |
| | | 3.0 | 34.532.3737.0 | | |
| | | 4.0 | 34.532.3739.0 | | |
| | | 5.0 | 34.532.3741.0 | | |
| | | 6.0 | 34.532.3743.0 | | |
| | | 7.0 | 34.532.3745.0 | | |
| | | 8.0 | 34.532.3747.0 | | |
| | | 9.0 | 34.532.3749.0 | | |
| | | 10.0 | 34.532.3751.0 | | |

| Cable FTG10(0)M1 0.6/1kV LSOH | | | | | |
|-------------------------------|--------------------------|----------|---------------|-------|--|
| Cable green/coding | Length m | Part No. | P.U. | Price | |
| pebble gray | Code 3 3, N, PE, 2, 1 | 1.0 | 34.532.3733.3 | | |
| | | 2.0 | 34.532.3735.3 | | |
| | | 3.0 | 34.532.3737.3 | | |
| | | 4.0 | 34.532.3739.3 | | |
| | | 5.0 | 34.532.3741.3 | | |
| | | 6.0 | 34.532.3743.3 | | |
| | | 7.0 | 34.532.3745.3 | | |
| | | 8.0 | 34.532.3747.3 | | |
| | | 9.0 | 34.532.3749.3 | | |
| | | 10.0 | 34.532.3751.3 | | |

Other cables, other lengths, other codings on request

Cable assemblies, 5 pole, 2.5 mm²



Rated voltage: 250 V
 Rated current: 16 A
 Rated impulse voltage: 4 kV
 Protection rating: IP20, IP40 when plugged

Cable material, FTG10(0)M1 0.6/1kV LSOH
 Sheath strip length: 35 mm
 Wire stripping length: 9 mm
 The use of a locking device is mandatory.
 Locking device for flying leads: see Accessories

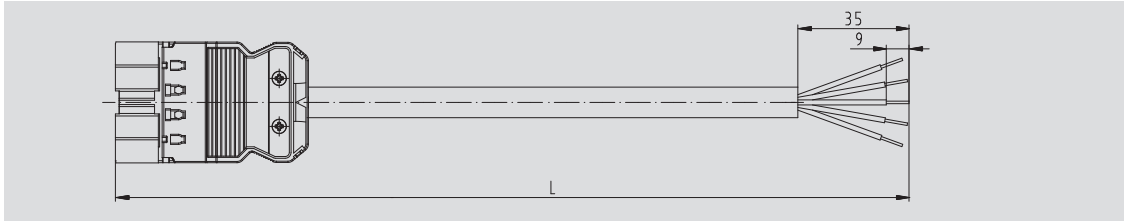
Connection cable male – free end

Wire ends ultrasonically welded



Power 250/400 V:

- ⊕ = GN/YE
- N = BU
- 1 = BN
- 2 = BK
- 3 = GY



Cable FTG10(0)M1 0.6/1kV LSOH

| Cable green/coding | Length m | Part No. | P.U. | Price | |
|--------------------|--------------------------|----------|---------------|-------|--|
| black | Code 1 1, 2, PE, N, 3 | 1.0 | 34.532.3763.1 | | |
| | | 2.0 | 34.532.3765.1 | | |
| | | 3.0 | 34.532.3767.1 | | |
| | | 4.0 | 34.532.3769.1 | | |
| | | 5.0 | 34.532.3771.1 | | |
| | | 6.0 | 34.532.3773.1 | | |
| | | 7.0 | 34.532.3775.1 | | |
| | | 8.0 | 34.532.3777.1 | | |
| | | 9.0 | 34.532.3779.1 | | |
| | | 10.0 | 34.532.3781.1 | | |

Cable FTG10(0)M1 0.6/1kV LSOH

| Cable green/coding | Length m | Part No. | P.U. | Price | |
|--------------------|--------------------------|----------|---------------|-------|--|
| white | Code 1 1, 2, PE, N, 3 | 1.0 | 34.532.3763.0 | | |
| | | 2.0 | 34.532.3765.0 | | |
| | | 3.0 | 34.532.3767.0 | | |
| | | 4.0 | 34.532.3769.0 | | |
| | | 5.0 | 34.532.3771.0 | | |
| | | 6.0 | 34.532.3773.0 | | |
| | | 7.0 | 34.532.3775.0 | | |
| | | 8.0 | 34.532.3777.0 | | |
| | | 9.0 | 34.532.3779.0 | | |
| | | 10.0 | 34.532.3781.0 | | |

Cable FTG10(0)M1 0.6/1kV LSOH

| Cable green/coding | Length m | Part No. | P.U. | Price | |
|--------------------|--------------------------|----------|---------------|-------|--|
| pebble gray | Code 3 1, 2, PE, N, 3 | 1.0 | 34.532.3763.3 | | |
| | | 2.0 | 34.532.3765.3 | | |
| | | 3.0 | 34.532.3767.3 | | |
| | | 4.0 | 34.532.3769.3 | | |
| | | 5.0 | 34.532.3771.3 | | |
| | | 6.0 | 34.532.3773.3 | | |
| | | 7.0 | 34.532.3775.3 | | |
| | | 8.0 | 34.532.3777.3 | | |
| | | 9.0 | 34.532.3779.3 | | |
| | | 10.0 | 34.532.3781.3 | | |



GST18i5

Other cables, other lengths, other codings on request

Definition of our numerical codes

A logical structure makes ordering easy

Our numerical code saves time and effort when ordering our cables. Your needs can be compiled quickly and efficiently, particularly in our eShop, but also using conventional means. The way it works is simple and refers to our part numbers, which have a consistent structure. Your product can be ordered in just a few steps.

Example: **92.232.3000.1**, power cable 3 G 1.5 mm², length: 3.0 m, cable PVC H05VV Configuration male – female, code 1 (power, black)

| | | | | | | | |
|--|----------------------|---------------------------------|------|------|---|----|---|
| | | 92. | 232. | 30 | 0 | 0. | 1 |
| Connector system | | | | | | | |
| gesis _{MINI} | (GST15) | 91. | | | | | |
| gesis _{CON} | (GST18) | 92. | | | | | |
| gesis _{CON} | (BST) | 94. | | | | | |
| gesis _{RST} | (RST) | 96. | | | | | |
| Cable type and diameter | | in connector system | | | | | |
| Power cable 4 G | 1,5 mm ² | GST 15i4, 18i4 | | 207. | | | |
| Power cable 4 G | 2,5 mm ² | GST 18i4 | | 208. | | | |
| Power cable 2 x | 1,5 mm ² | GST15i2, RST 20i2 | | 222. | | | |
| Power cable 2 x | 2,5 mm ² | RST 20i2 | | 223. | | | |
| Power cable 3 G | 1,5 mm ² | GST 15i3, 18i3 | | 232. | | | |
| Power cable 3 G | 2,5 mm ² | RST 20i3 | | 233. | | | |
| Power cable 3 G | 2,5 mm ² | GST 18i3 | | 238. | | | |
| Power cable 5 G | 1,5 mm ² | GST 15i5, 18i5 | | 257. | | | |
| Power cable 5 G | 2,5 mm ² | GST 18i5 | | 258. | | | |
| Bus cable 2x | 0,5 mm ² | BST 14i2 | | 425. | | | |
| Bus cable 2x2 | 0,8 mm ² | BST 14i3 | | 435. | | | |
| Power cable 4 G | 1,5 mm ² | RST 20i4 | | 442. | | | |
| Power cable 4 G | 2,5 mm ² | RST 20i4 | | 443. | | | |
| Power cable 5 G | 1,5 mm ² | RST 20i5 | | 452. | | | |
| Power cable 5 G | 2,5 mm ² | RST 20i5 | | 453. | | | |
| Power cable 5 G | 4,0 mm ² | RST 20i5 | | 454. | | | |
| Power cable 2 x | 1,5 mm ² | RST 20i2 (50V) | | 522. | | | |
| Length | | | | | | | |
| Length incl. female/male connector up to 10 m in dm (Example: 3.0 m = 30 dm) | | | | 30 | | | |
| Cable material | | in connector system | | | | | |
| H05VV (PVC) | | GST, RST | | 0 | | | |
| H05V2V2 (PVC, 90 °C continuous temp.) | | GST, RST | | 1 | | | |
| H07 RN-F (rubber) | | GST, RST | | 3 | | | |
| S05Z1Z1 (halogen-free) | | GST, RST | | 6 | | | |
| Öfflex classic | | RST | | 8 | | | |
| Cable assembly | | | | | | | |
| Extension | Male – Female | 0. | | | | | |
| Supply | Female – Free end | 3. | | | | | |
| Supply | Male – Free end | 4. | | | | | |
| Supply cable | Safety plug – Female | 7. | | | | | |
| Colors and codings Male – Female | | in connector system | | | | | |
| Code 1 | (gray) | RST 20i2 ... i5 | | 0 | | | |
| Code 1 | (black) | RST 20i2 ... i5, GST 18i3 ...i5 | | 1 | | | |
| Code 1 | (white) | GST 18i3 ...i5 | | 2 | | | |
| Code 2 | (pebble gray) | GST 18i3 ...i4 | | 3 | | | |
| Code 3 | (concrete gray) | RST 25i3 ...i5 | | 3 | | | |
| Code 3 | (light red) | GST 18i3 | | 5 | | | |
| Code 4 | (brown) | GST 18i3, GST 15i3 | | 4 | | | |
| Code 4 | (pastel blue) | RST 20i5 | | 6 | | | |
| Code 2 | (green) | RST 20i2 | | 7 | | | |
| Code 5-2 | (pastel blue) | BST 14i2, GST 18i5 | | 9 | | | |

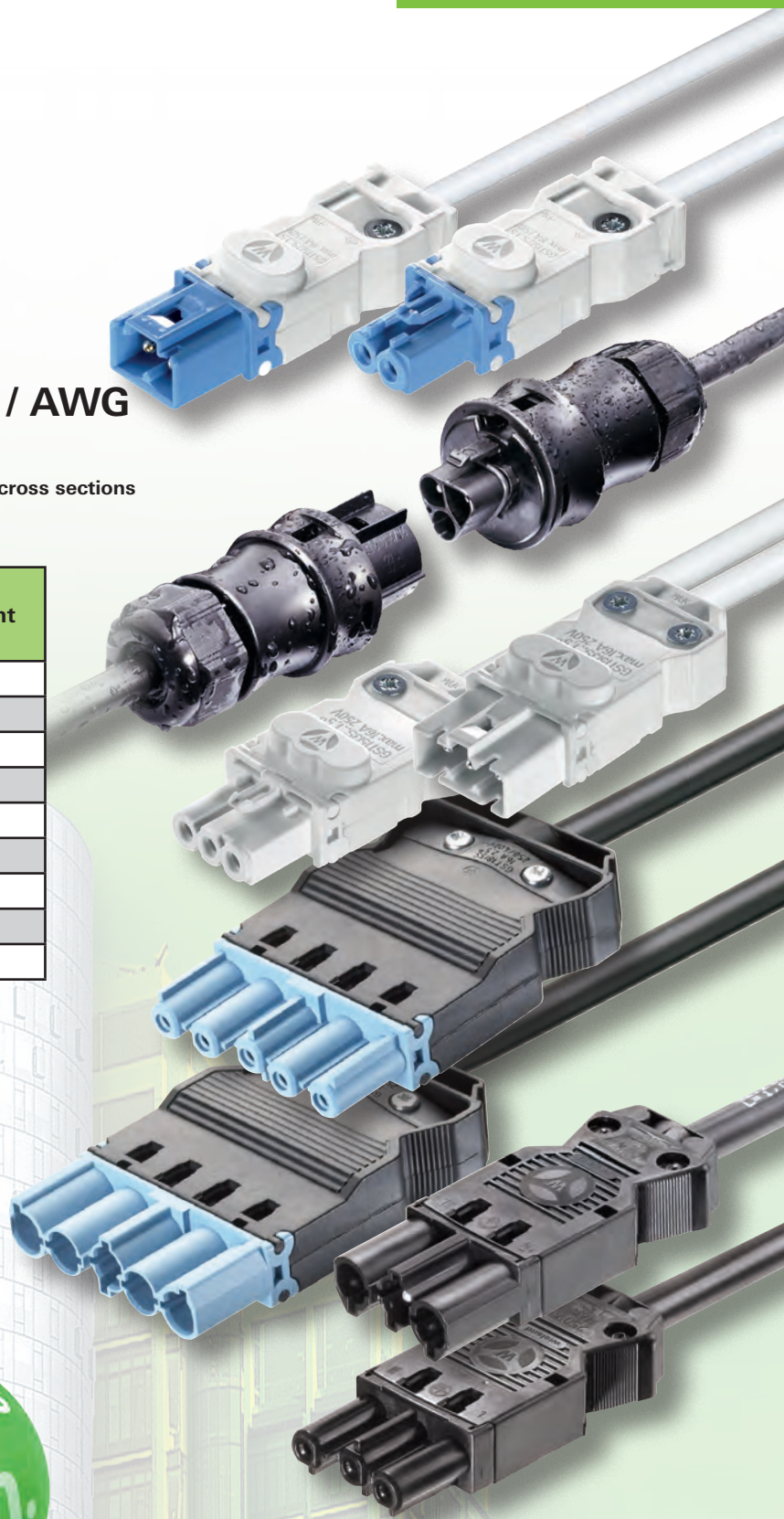
The RST product line can be found in our 0690.1 catalogue.



Conductor cross sections / AWG

The approximated relation between the conductor cross sections in mm² and AWG sizes are defined as follows:

| AWG | Cross section mm ² | Metric equivalent mm ² |
|-----|-------------------------------|-----------------------------------|
| 22 | 0.32 | 0.34 |
| 20 | 0.52 | 0.75 |
| 18 | 0.82 | 1.0 |
| 16 | 1.31 | 1.5 |
| 14 | 2.08 | 2.5 |
| 12 | 3.31 | 4.0 |
| 10 | 5.26 | 6.0 |
| 8 | 8.37 | 10.0 |
| 6 | 13.3 | 16.0 |



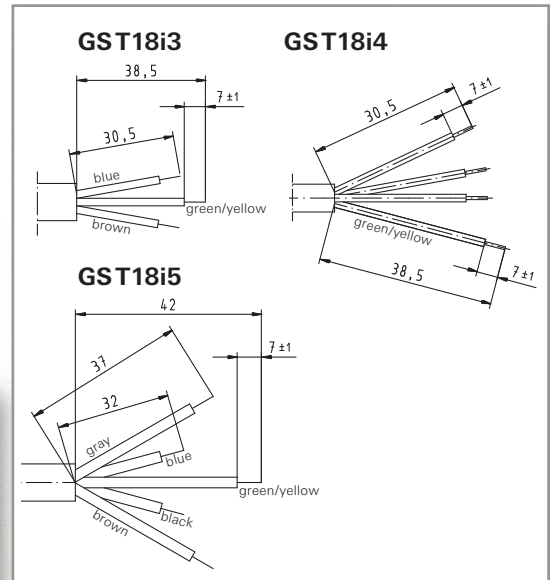
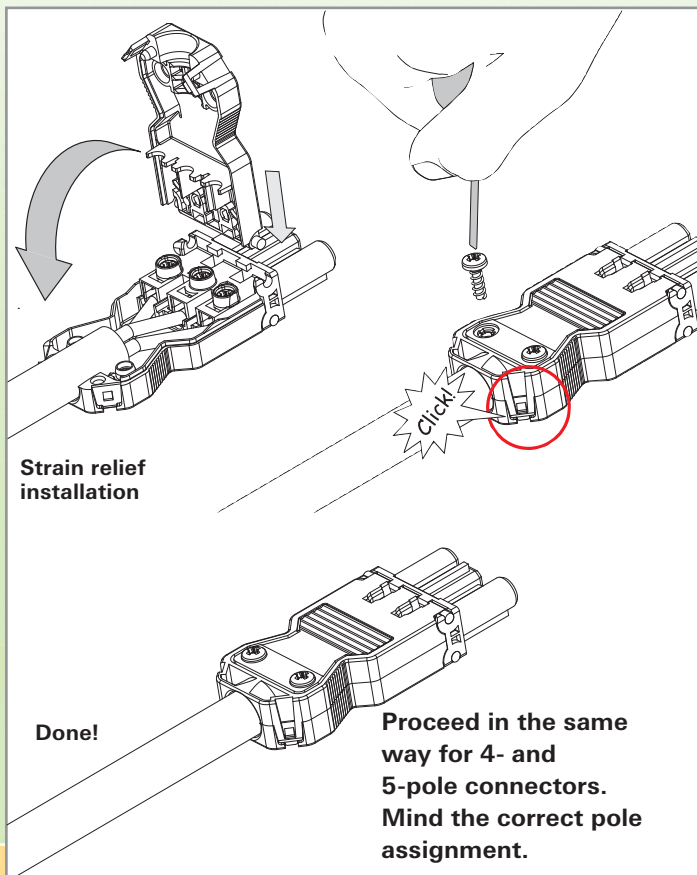
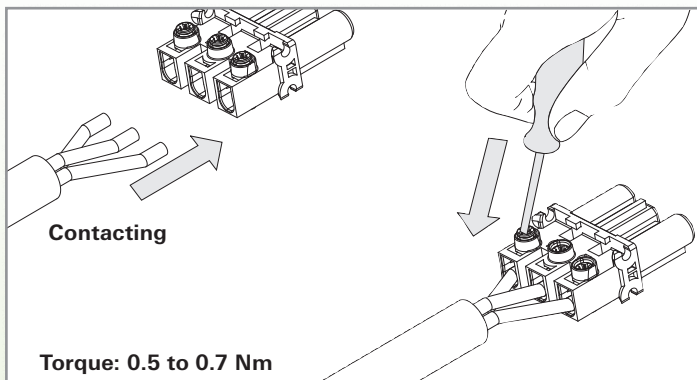
Installation instructions GST18i3...i5. Connector installation.

Screw connectors

Preparing the conductors

Dimensions in mm.

Solid or fine-stranded 0.75 – 2.5 mm² wires
without ferrules



Always observe the following:

The erection, extension and modification of electrical installations may only be carried out by qualified electricians. GST18 installation plug-in connectors as IEC 61535 are intended for installation by instructed or skilled persons. Observe applicable accident prevention and safety regulations.

Rules to be observed during installation:

Each color of a GST18 connector stands for a specific mechanical coding. Only male and female connectors with the same color can be mated. The only exception from this rule are black/white or gray/tomato red connectors, which have the same coding. In accordance with the installation manual, locking devices always have to be used.

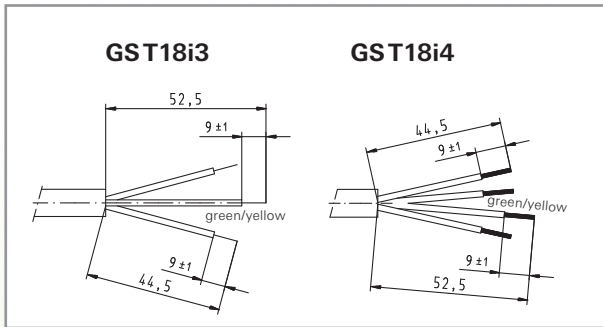
These locking devices are integrated into GST18 distribution units and snap-in connectors. In cable assemblies with flying leads, soldered parts or flat cable adapters, locking devices have to be retrofitted manually (see Accessories). The locking device must click audibly into place.

Connection and termination points, as well as plug-in connections of cables/conductors, have to be provided with mechanical strain relief as per VDE 0100-520. Never use force to plug or unplug gesis connectors. To open locking devices, use a tool such as a screwdriver; the connectors can now be easily unplugged.

GST18 connectors must only be connected and disconnected without load. Do not use third-party components. Only combinations of Wieland products are covered by the warranty.

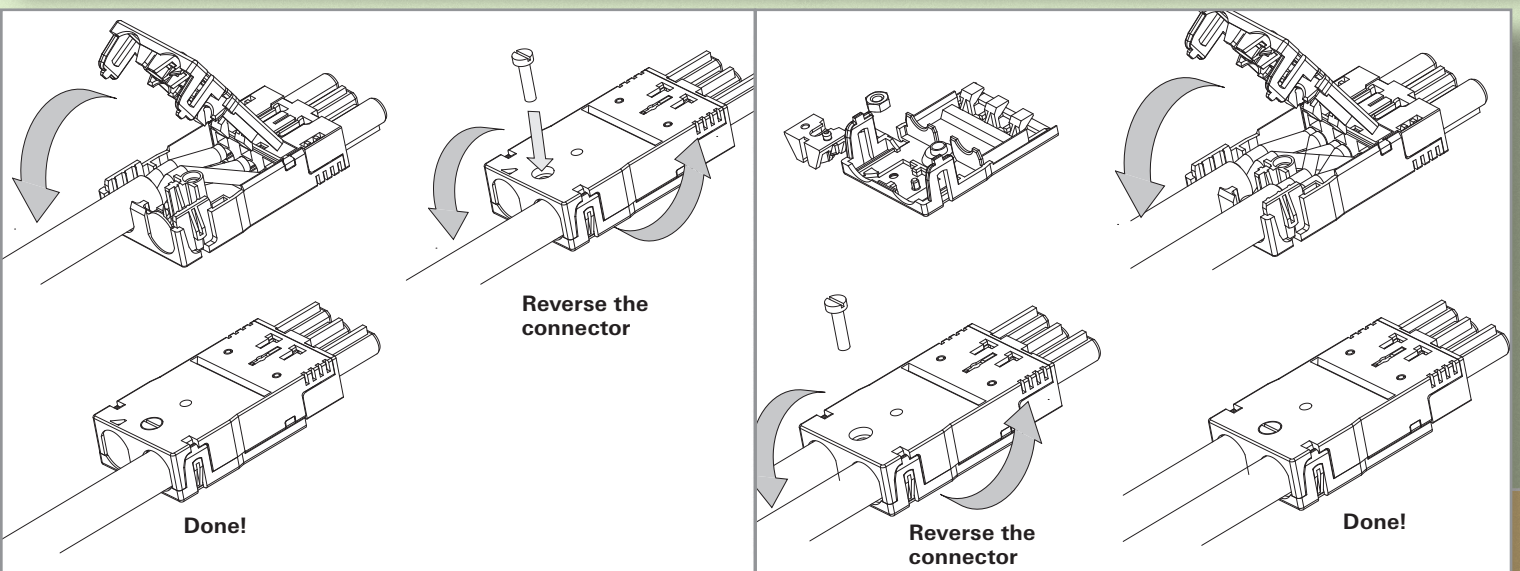
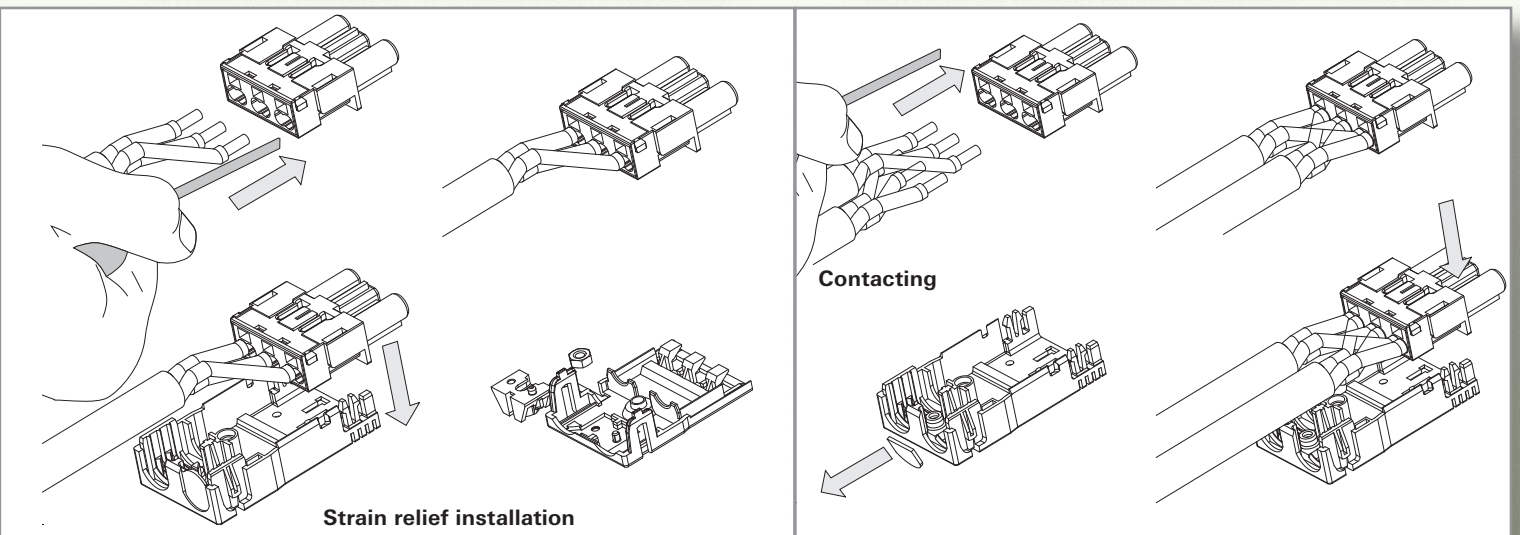
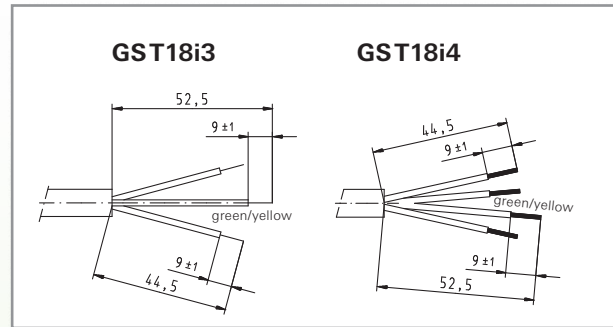
Spring-loaded connectors One cable

Preparing the conductors, dimensions in mm.
Solid 1.5 – 2.5 mm²
Fine-stranded 1.5 mm² with ferrules



Spring-loaded connectors Two cables

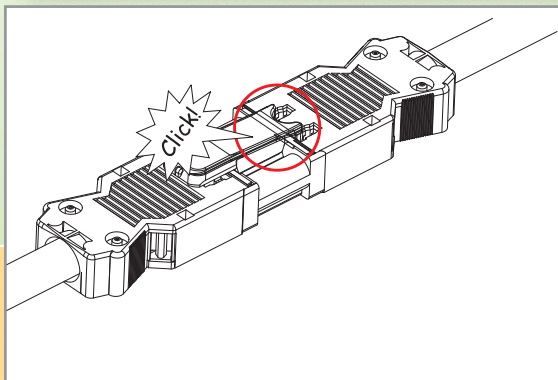
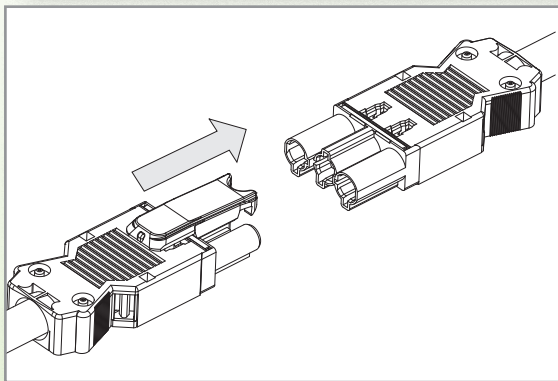
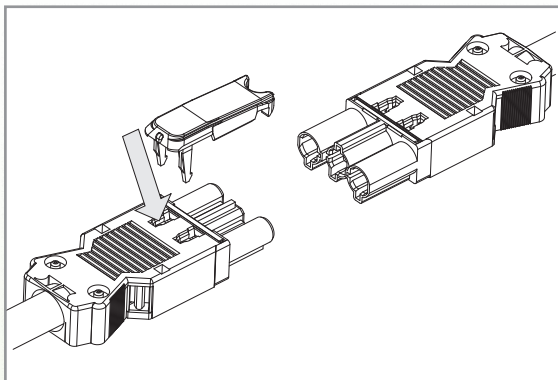
Preparing the conductors, dimensions in mm.
Solid 1.5 – 2.5 mm²
Fine-stranded 1.5 mm² with ferrules



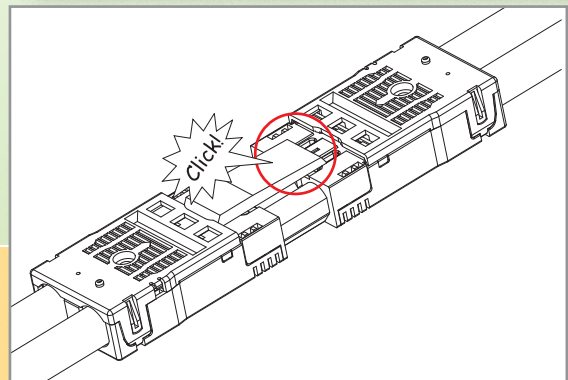
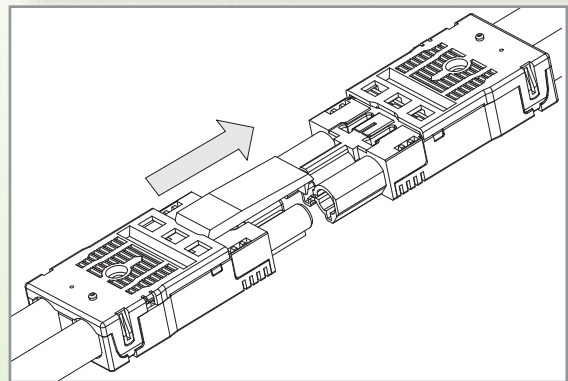
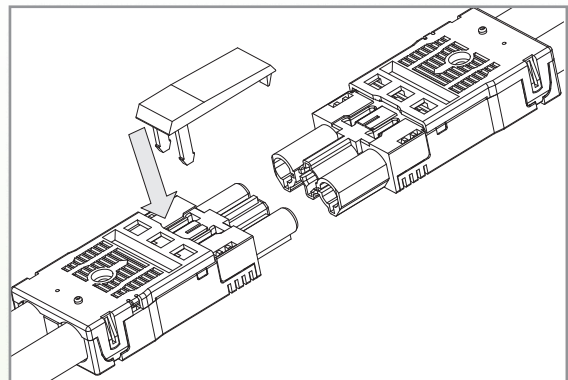
Proceed in the same way for 4 pole connectors.
Mind the correct pole assignment.

Installation instructions GST 18i3...i5. Locking device

Screw connection

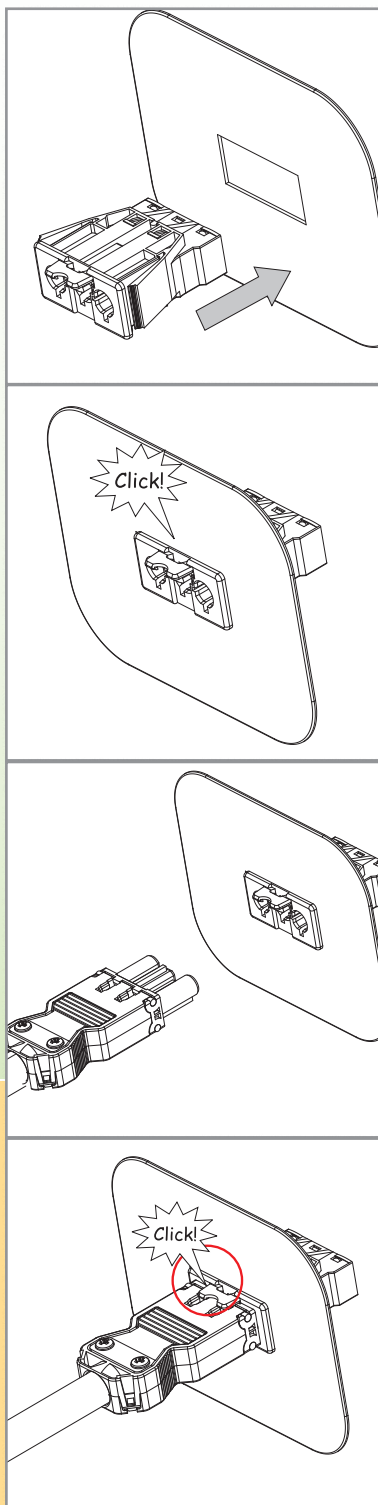


Spring clamp connection

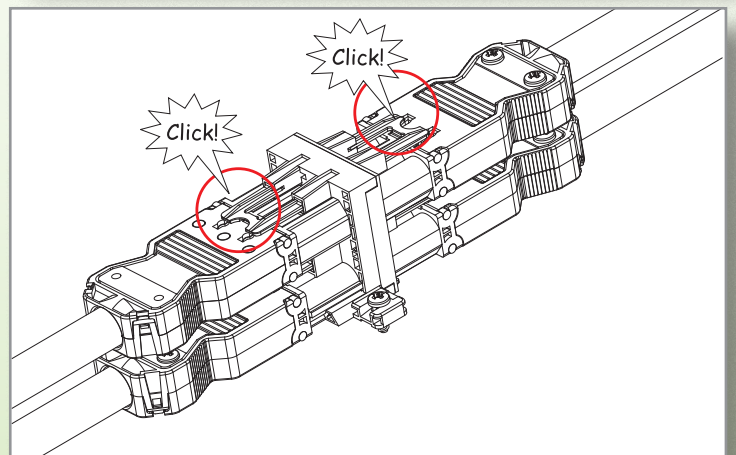
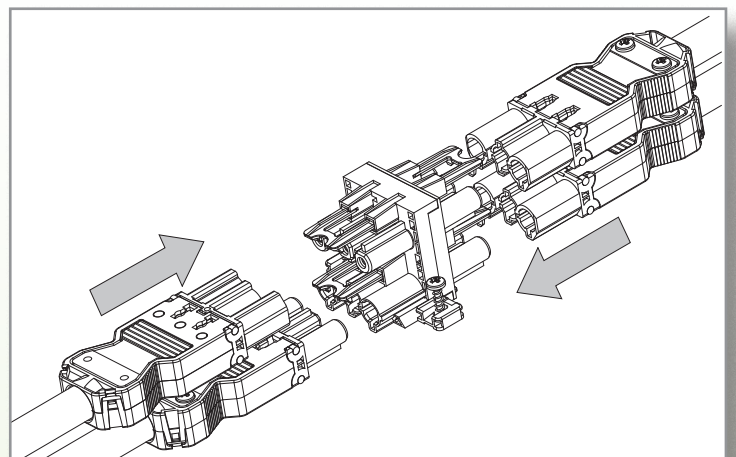


Installation instructions GST 18i3...i5.

Snap-in installation



Use of distribution blocks

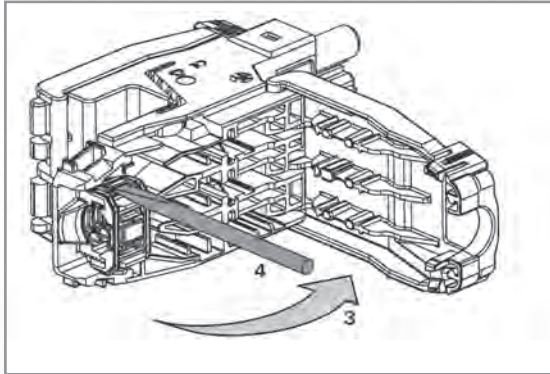


Please note:

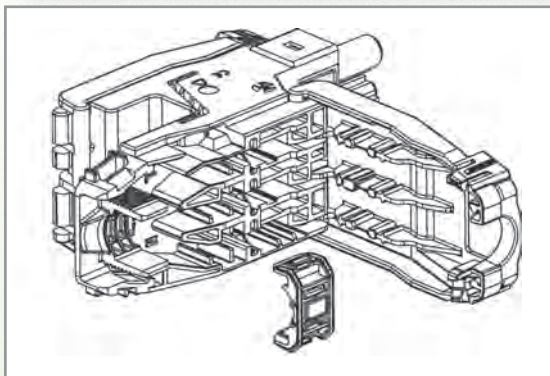
In h and T distribution units, one output each does **not** have a locking device.

This output is used for plugging directly into device connections. If you use this output for example for cable assemblies, a separate locking device (accessory) must be used.

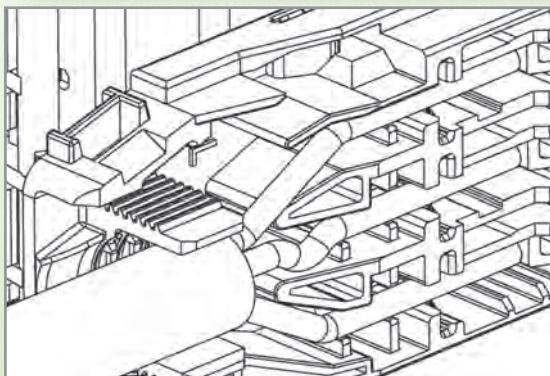
Installation instructions GST 18i3...i5. Installation instructions for IDC adapter



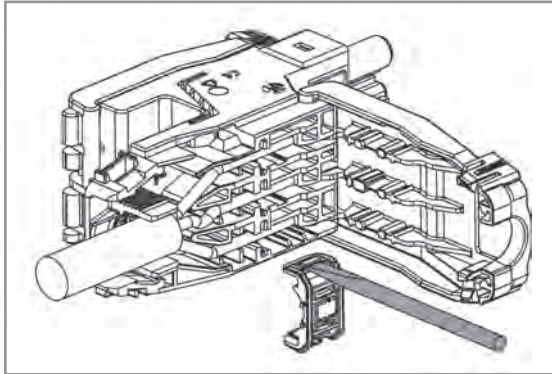
1. Cut cable at the desired point
2. Strip both ends of the cable by 35 mm
3. Open the cover
4. Undo the strain relief using a screwdriver



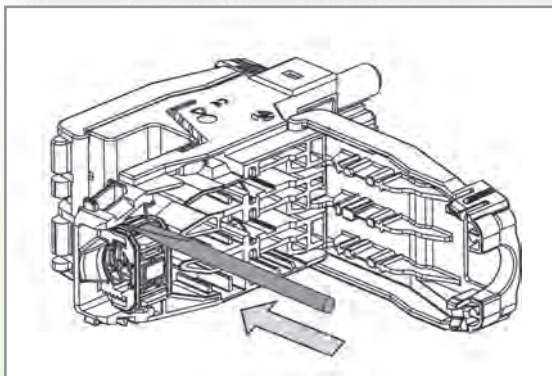
5. Insert conductors into guide slots
(mind the correct pole assignment!)



Close-up

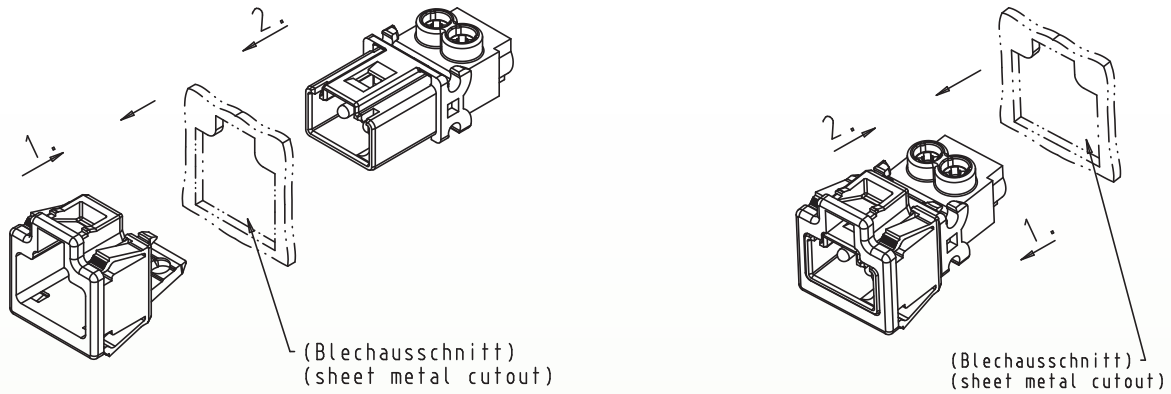


- 6. Insert the strain relief**
Press strongly into place with a screwdriver



- 7. Close the cover**
- 8. Repeat the above steps on the back of the adapter**
- 9. Connect the GST 18i3 cable,**
use a locking device

Installation instructions GST15i2...i5.



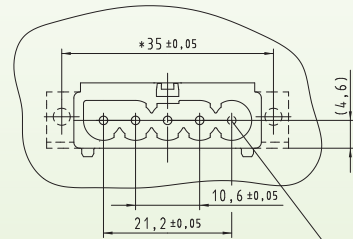
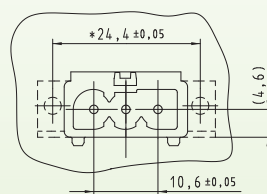
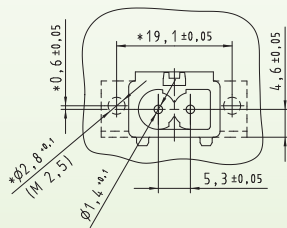
Hole patterns GST15i2...i5.

2-pole

3-pole

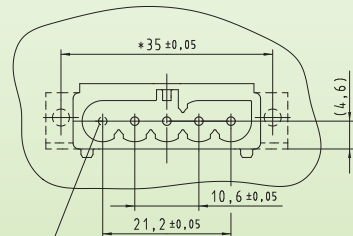
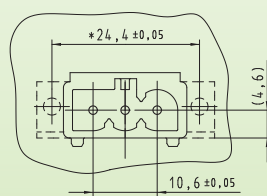
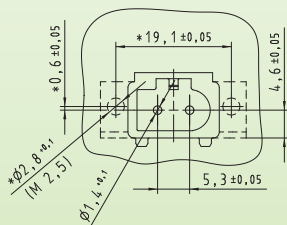
4/5-pole

Female connector vertical



nur für 5-polig
only for 5-pole

Male connector vertical

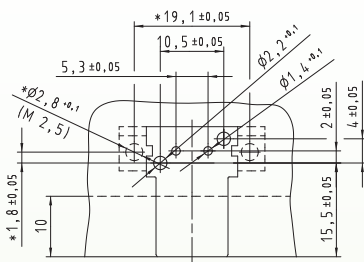


nur für 5-polig
only for 5-pole

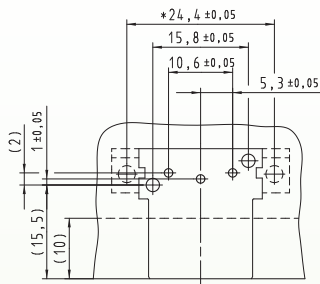
Hole patterns GST15i2...i5.

Female connector horizontal

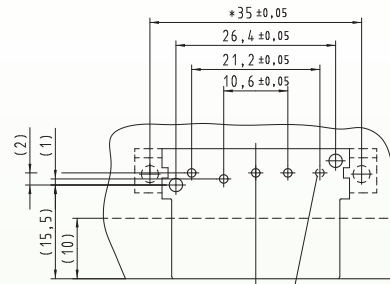
2-pole



3-pole



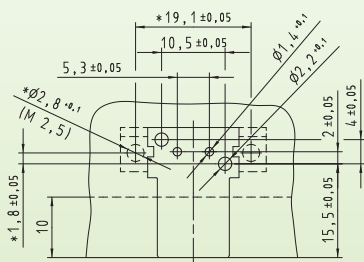
4/5-pole



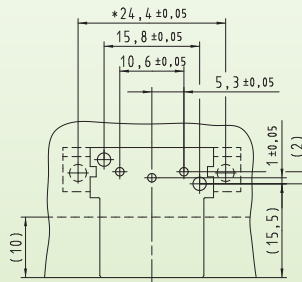
nur für 5-polig
only for 5-pole

Male connector horizontal

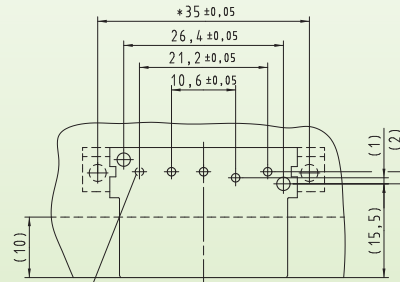
2-pole



3-pole



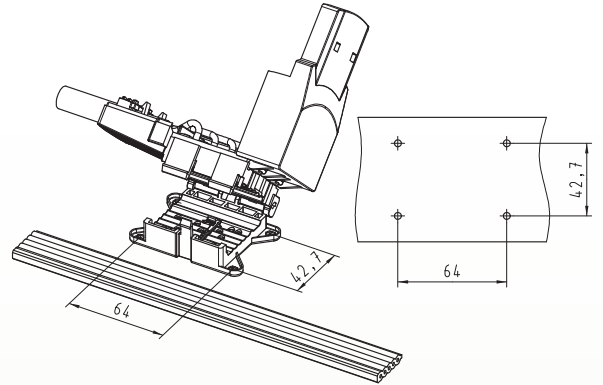
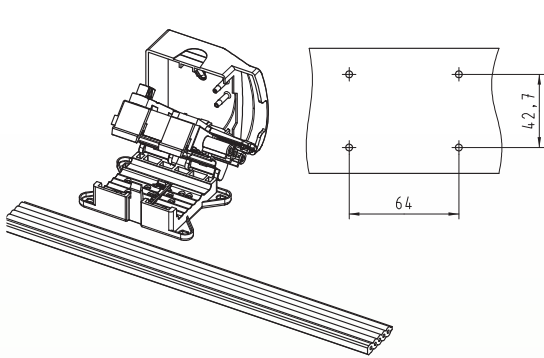
4/5-pole



nur für 5-polig
only for 5-pole

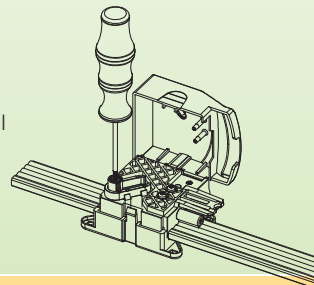
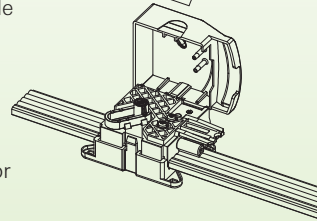
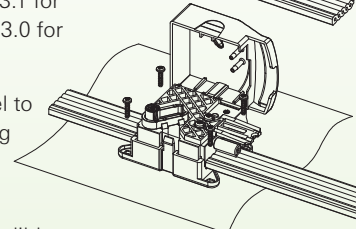
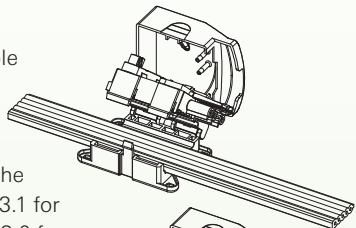
Installation instructions

Flat cable system, 2 pole and 5 pole

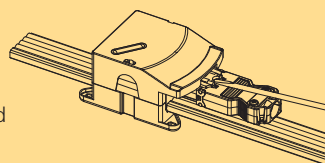


Installing outputs

1. Lay flat cable in a suitable cable routing system. Observe routing direction for the connector output direction. Flush-mount the flat cable in the coded floor panel (92.051.5453.1 for green/black cable, 92.051.5553.0 for blue cable).
2. If necessary, fasten floor panel to the ground using the mounting holes.
3. Close the connection module and engage it with a clearly audible click.
4. Only GST18i3: bring phase selector to the desired position until it engages with an audible click.
5. Tighten contact screws (0.5 Nm).
6. Change of phase: (only GST18i3) Remove phase selector screw until the red ring is aligned with the white contact slider. Change the phase and fasten screw (0.5 Nm).

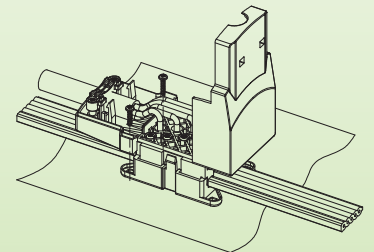
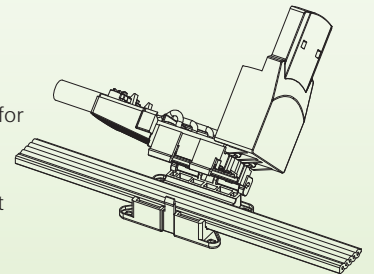
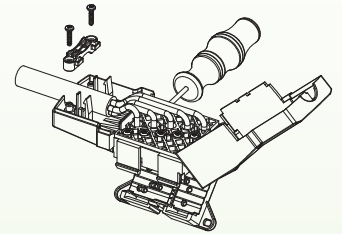


7. Close the cover and engage it with an audible click.
Notice: The cover can only be closed, if all screws are tightened properly!
8. Plug the GST18i3 connector in and engage it with an audible click.

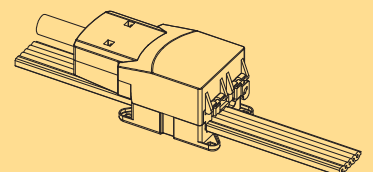


Installing inputs

1. Insert the sheath stripped (PE: 100 mm, L1/D1: 82 mm, N: 72 mm, L2/D2: 62 mm, L3: 56 mm, stripping tool in the lid) and insulation stripped (8 mm) conductors into the marked termination points one after the other and fasten the contact screw (0.5 Nm).
2. Insert the input cable into the strain relief, fasten strain relief with both screws (0.6 Nm).
3. Flush-mount the flat cable in the coded floor panel (92.050.1553.1 for green/black cable, 92.050.1653.0 for blue cable). Observe routing direction for the connector output direction.
4. If necessary, fasten floor panel to the ground using the mounting holes.
5. Tighten contact screws (0.5 Nm).

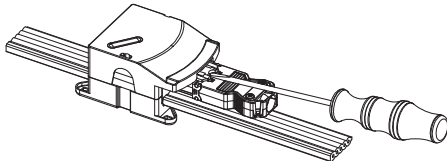


6. Close the cover and engage it with an audible click.
Notice: The cover can only be closed, if all screws are tightened properly!

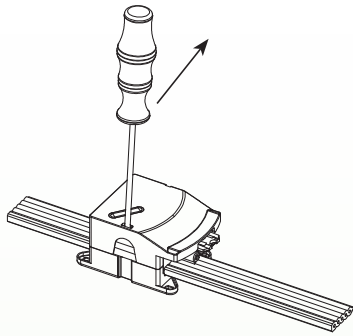


Removal outputs:

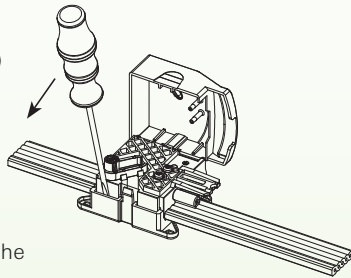
1. Unlock the connector lock with a tool (screwdriver) and remove connector.



2. Push locking device in arrow direction and open the cover.
3. Remove contact screws.



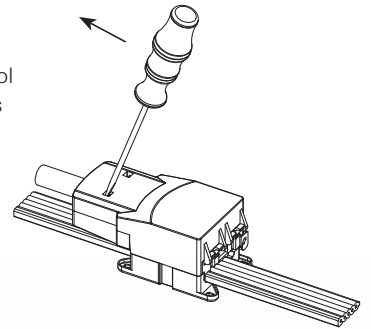
4. Unlock the floor panel locking device with a tool (screwdriver) and remove the module from the flat cable.



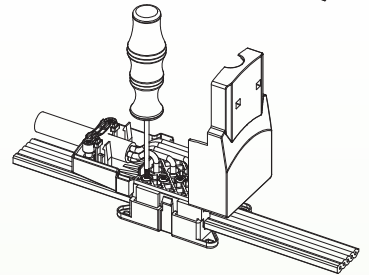
5. Close the contact openings in the cable with a cable repair patch.

Removal inputs:

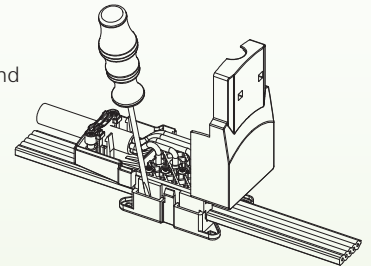
1. Unlock the cover lock with a tool (screwdriver). Push locking pins in arrow direction.



2. Remove contact screws and connection screws.



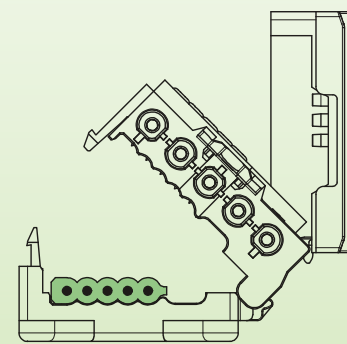
3. Unlock the floor panel locking device with a tool (screwdriver) and remove the module from the flat cable.



4. Close the contact openings in the cable with a cable repair patch.

Additional information:

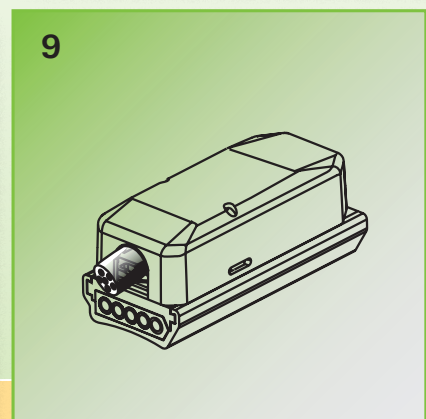
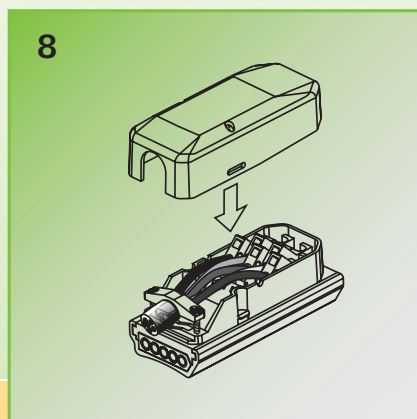
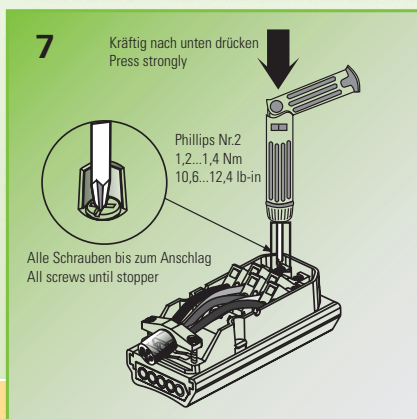
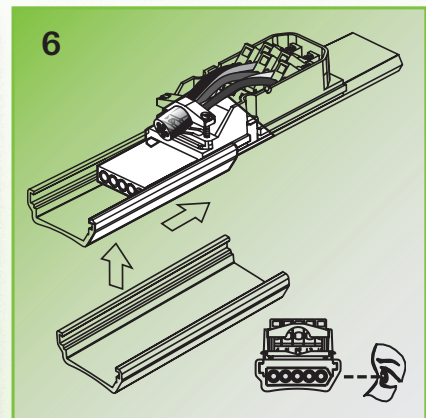
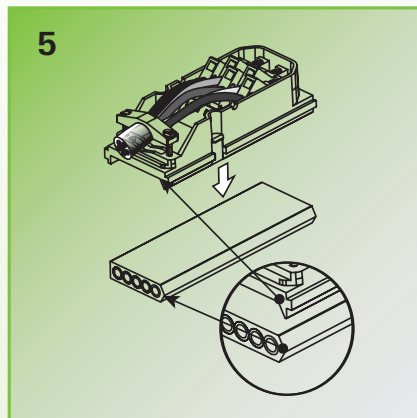
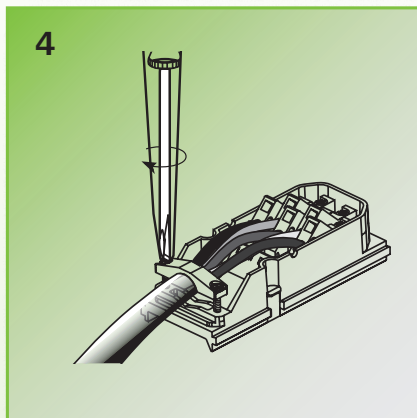
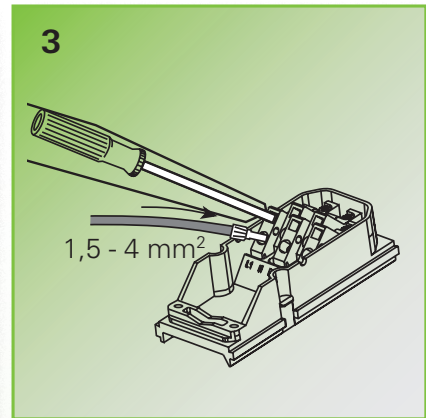
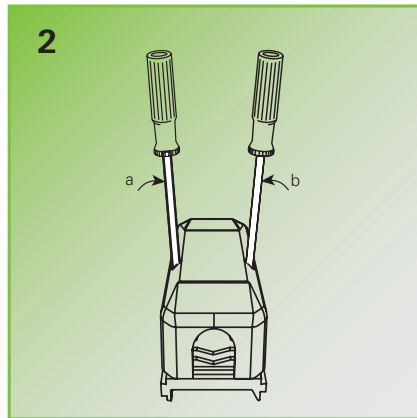
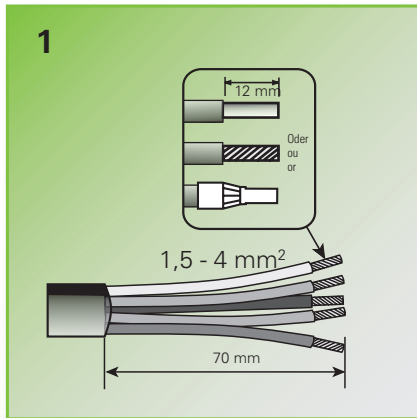
- To remove the cover, insert a screwdriver into the slot provided and raise gently.
- **The ends of the flat cable must be cut off with the cable scissors and terminated with the cable end cap.**
This guarantees the necessary insulation between the conductors.
- After removing the adapters, the sections of cable that have been terminated with the slotted screws must be sealed with insulating tape.
- Functional capability can only be guaranteed if the original flat cable is used.



Flat cable system 5 pole, open

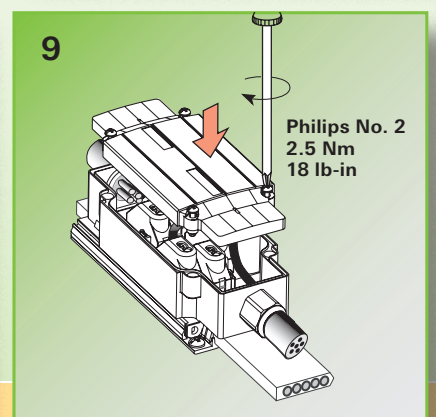
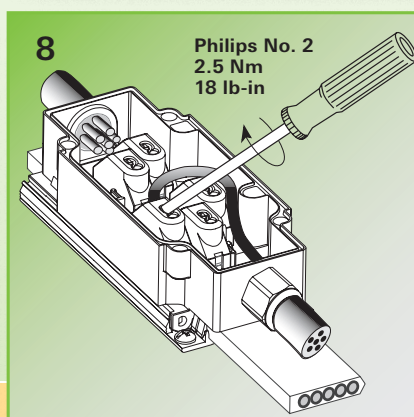
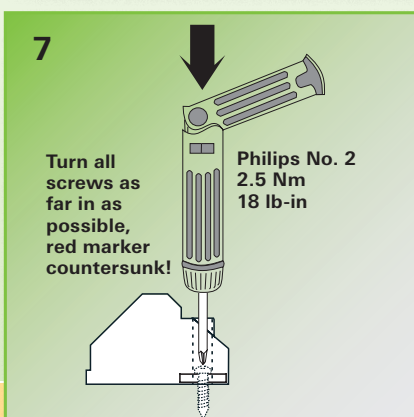
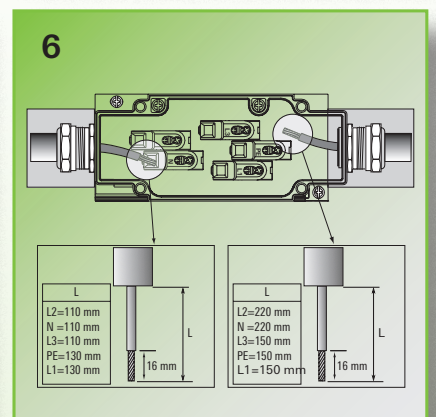
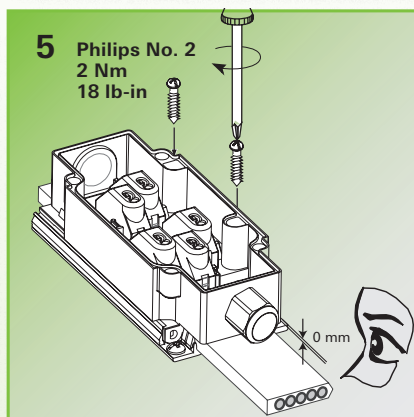
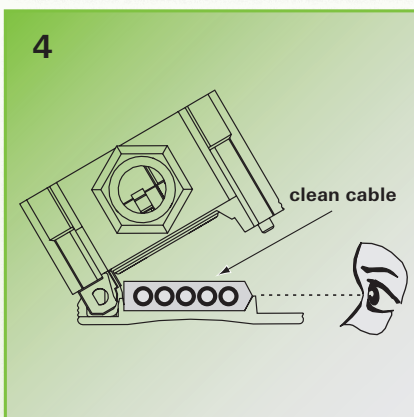
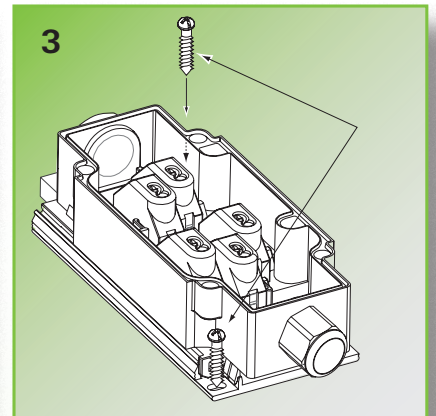
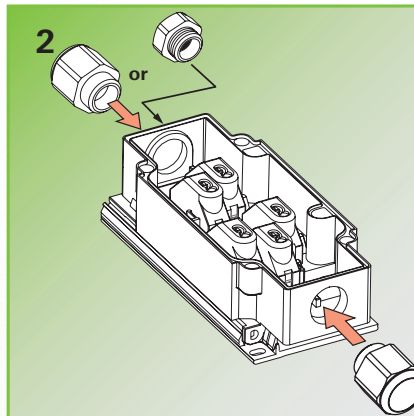
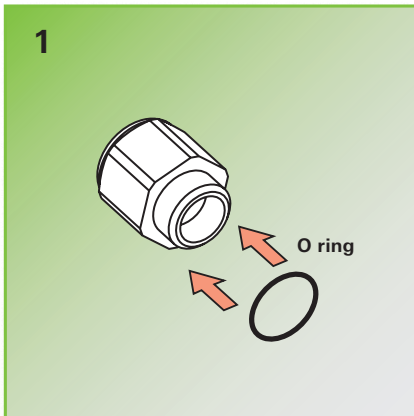
Installation instructions

Flat cable system 5 pole, 5x10 mm²



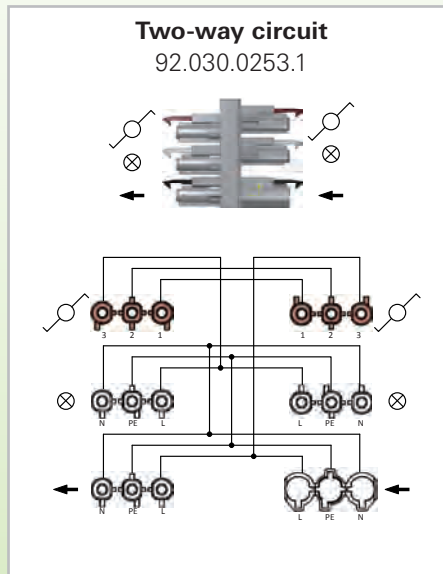
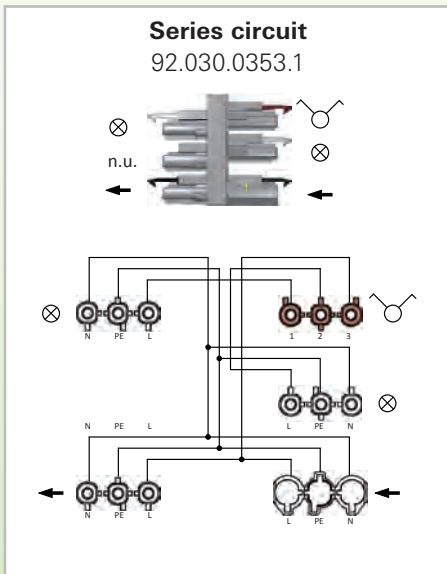
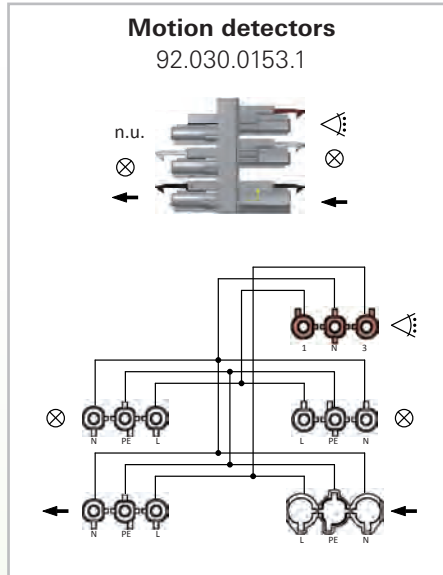
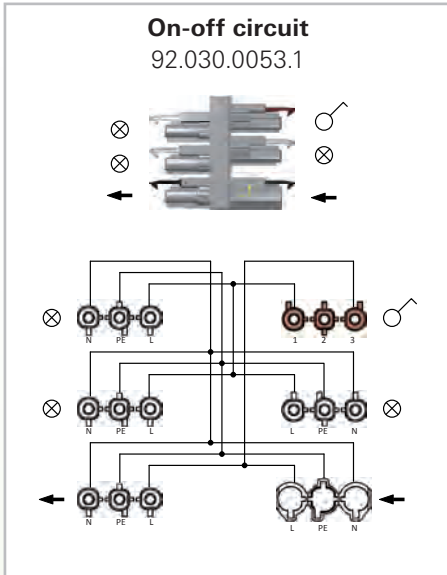
Installation instructions

Flat cable system 5 pole, 5x16 mm²



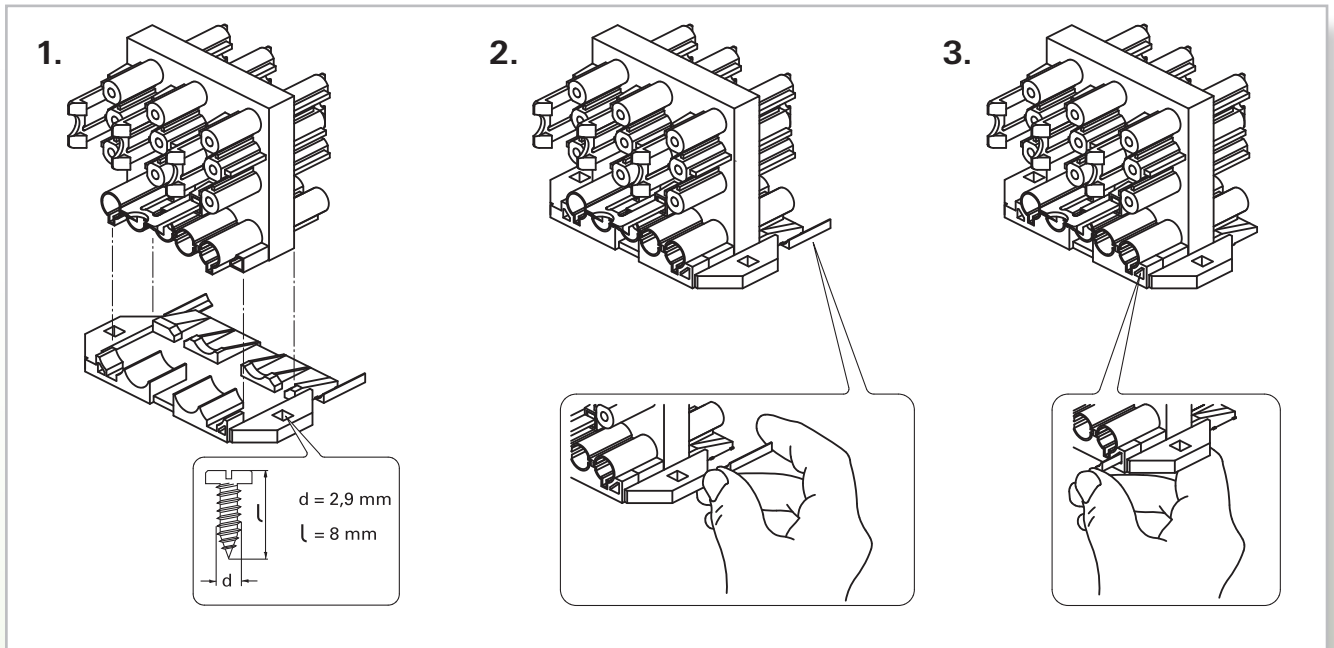
Connection diagrams

Distribution units

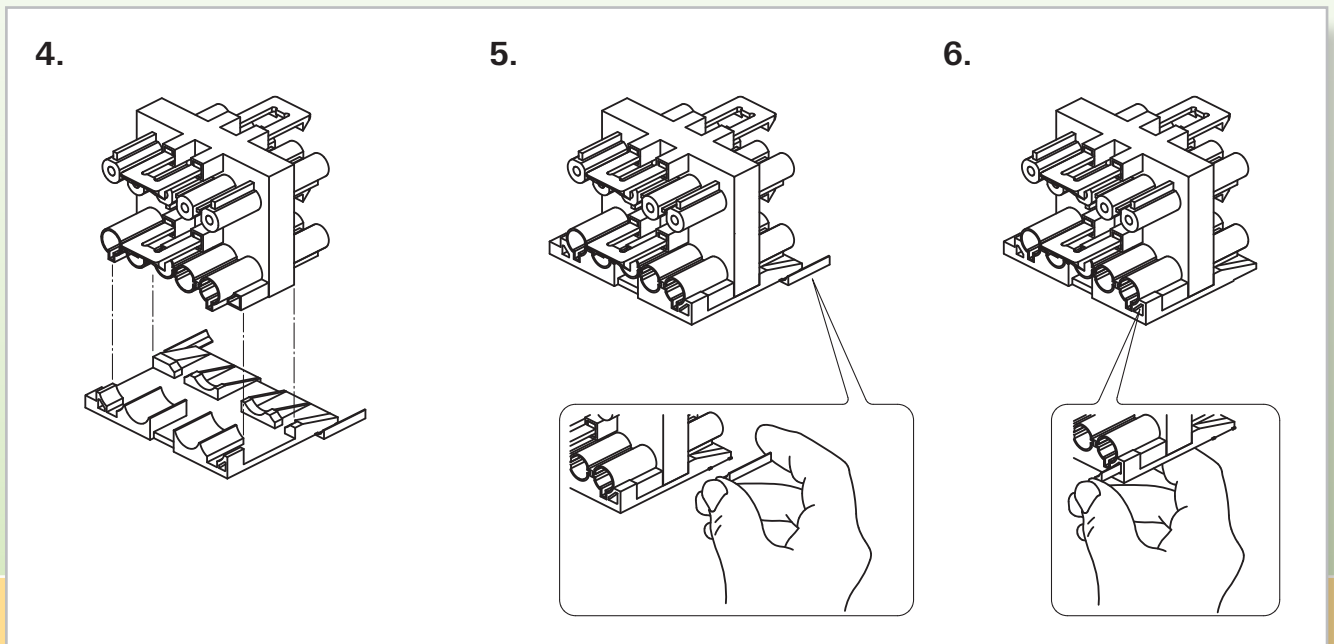


Distribution unit mounting plate GST18i5.

Mounting plate with screws



Snap-on mounting plate



Mounting plate with screws

1. Place the distribution unit on the mounting plate
2. Break the locking pin off
3. Push the locking pin in

Snap-on mounting plate

4. Place the distribution unit on the mounting plate
5. Break the locking pin off
6. Push the locking pin in

Technical data GST18i3 ... i6

General:

| | |
|---------------------------------------|--|
| Number of poles: | 3, 4, 5 and 6 pole |
| Rated current: | 20A |
| Rated voltage: | 250V (2 and 3 pole; 6 pole) 250V / 400 V (4 and 5 pole) |
| Rated impulse voltage: | 4kV (overvoltage category III) |
| Locking device: | required as per IEC 61535: – already integrated in distribution units and device connectors – available separately for “flying leads”, IDC adapters, flat cable adapters and solder parts |
| Product standards: | IEC 61535 (3 ... 5 pole), UL 1977, CSA Std. C 22.2 No. 182.3 |
| Approvals: | VDE UL*), CSA under certain conditions (please consult us) |
| Degree of protection: | IP20 as per IEC 60529 unplugged IP40 as per IEC 60529 when plugged or covered with caps that can be ordered separately |
| Ambient temperature: | –5 ... 40 °C |
| Operating temperature: | max. 70 °C with pre-assembled H05VV and H05Z1Z1 cables |
| Environmental conditions: | Pollution degree 2 as per IEC 60664: “Only non-conductive pollution occurs. Occasional transient conductivity due to moisture condensation must be taken into account.” |
| Materials: | Insulation: PA, halogen-free, UL 94 V-0 Machined contacts: CuZn Screws: Steel, zinc-plated |
| Codings: | different mechanical codings, identified by color black and white and gray/tomato red have the same coding Observe differing rated voltages! |
| In general, the following applies: | – Contact protection of female connectors also when unplugged – Ground conductor leading, if available; in addition, the neutral line in 5 pole male connectors is leading the phases – A dangerous non-polarization is impossible with systems that are defined in the standards of IEC 60309, IEC 60320 and IEC 60906 or with the national plug and socket systems for home applications. |

Observe the following notes for your safety:

According to IEC 61535, installation connector systems must only be connected and disconnected without load.

When installing GST18 connectors in easily accessible areas, caps or covers that can only be removed with a tool shall be used (see Accessories).

Compliance with EN 61535 will not automatically prevent a dangerous non-polarization with other installation connector systems. Compatibility with third-party products cannot be guaranteed.

Installation connector systems are not a replacement for domestic plug and socket systems.

According to VDE 0100, only qualified electricians or electrotechnically instructed persons shall use installation connector systems.

Never temper with the cables and components! Observe applicable accident prevention and safety regulations.

The Wieland coding concept is based on allocating specific codings and colors to each application. The applications are described in this catalogue.

When using codings for other applications, the user shall ensure that dangerous mix-ups are prevented. Check for differing technical data, if applicable.

Do not use third-party components. Damages resulting from combination with third-party components are not covered by the warranty.

*) Category ECBT2 component, observe installation conditions!

Connector:

| | |
|---------------------------|--|
| Variations: | Female and male connector, each with integrated strain relief, device connections without strain relief |
| Connection type: | Screw connection Tension spring connection |
| Connector cross sections: | Screw: 0.5 ... 2.5 mm ² (solid and fine-stranded without ferrules) Tension spring: 0.5 ... 2.5 mm ² (solid) 0.5 ... 1.5 mm ² (with ferrules) 1.5 and 2.5 mm ² ultrason. welded unprepared fine-stranded cables are not permissible |
| Torque | for screw connections: 0.5 Nm for strain relief: 0.5 to 0.7 Nm |
| Fire load: | 3 pole: 0.13 kWh 4 pole: 0.17 kWh 5 pole: 0.19 kWh 6 pole: 0.26 kWh |

Device connectors, snap-in:

| | |
|---------------------------|--|
| Variations: | Female and male connectors with frames for snap-in in housing cut-out with 0.5 ... 1.5 mm or 1.5 ... 2.5 mm thick walls |
| Connection type: | Screw connection (3 pole) Tension spring connection (3 to 5 pole) |
| Connector cross sections: | Screw: 0.5 ... 2.5 mm ² (solid and fine-stranded without ferrules) Tension spring: 0.5 ... 2.5 mm ² (solid) 0.5 ... 1.5 mm ² (with ferrules) 1.5 and 2.5 mm ² ultrason. welded unprepared fine-stranded cables are not permissible |
| Torque | for screw connections: 0.5 Nm |
| Fire load: | 3 pole: 0.07 kWh 4 pole: 0.10 kWh 5 pole: 0.11 kWh |

PC board connectors (solder parts):

| | |
|-------------|--|
| Variations: | Female and male connectors for soldering onto a PC board – each with horizontal or vertical pins – without fastening flange, models with fastening flange on request |
| Spacing: | 9.75 mm |
| Pin length: | 3.2 mm |
| Fire load: | 3 pole: 0.03 kWh 4 pole: 0.05 kWh 5 pole: 0.06 kWh 6 pole: 0.07 kWh |

Distribution units:

| | |
|------------|---|
| Fire load: | 3 pole T: 0.09 kWh 3 pole h: 0.14 kWh 3 pole H: 0.15 kWh 3 pole HH: 0.23 kWh 4 pole T: 0.14 kWh 5 pole T: 0.14 kWh 5 pole H: 0.22 kWh 5 pole 5/3: 0.34 kWh |
|------------|---|

Cable assemblies:

| | | | |
|--------------------------|--|--|---------------|
| Variations: | Extension cables female – male Connection cables female – free end Connection cable male – free end Adapter cables female GST15 – male GST18 Adapter cables to international household connector systems | | |
| Rated current: | 16 A with cable cross sections of 1.5 mm ² 20 A with cable cross sections of 2.5 mm ² | | |
| Free ends: | sheath and insulation stripped and ultrason. welded / with ferrules | | |
| Fire load of PVC cables: | 3 x 1.5 mm ² : | 0.38 kWh/m + 0.13 kWh | per connector |
| | 4 x 1.5 mm ² : | 0.50 kWh/m + 0.17 kWh | per connector |
| | 5 x 1.5 mm ² : | 0.56 kWh/m + 0.19 kWh | per connector |
| | 3 x 2.5 mm ² : | 0.58 kWh/m + 0.13 kWh | per connector |
| | 4 x 2.5 mm ² : | 0.60 kWh/m + 0.13 kWh | per connector |
| | 5 x 2.5 mm ² : | 1.15 kWh/m + 0.17 kWh | per connector |
| Cables used: | H05VV-F | (PVC) | |
| | H05V2V2-F | (PVC up to 90 °C continuous temperature) | |
| | H05Z1Z1-F | (halogen-free) | |
| | S05Z1Z1-F | (halogen-free) | |
| | S05HH-F | (halogen-free) | |
| | more types on request | | |

Note:

Our GST18i3 PVC cable assemblies with cross section 1.5mm² are also approved as per DIN EN 60320.

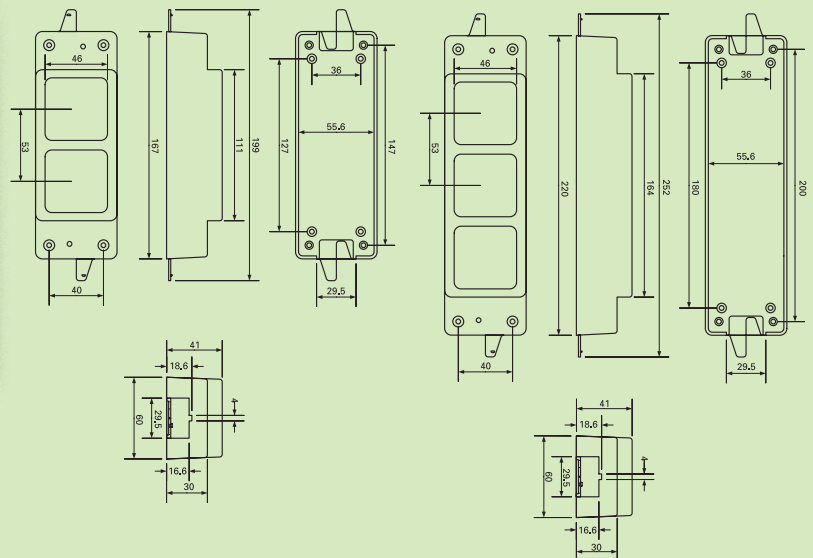
Multiple sockets – current standard situation:

Information:

According to VDE0620-1, connecting **mobile** outlets in series is not permissible, as safe circuit breaker function cannot be ensured.

This is also valid for the multiple outlets with GST 18 input and output shown here.

When using out multiple outlets in a **fixed installation**, e.g. in desks, cable ducts, shelves, etc., they may be connected in series observing the overall connected load, maximum power of 16 A and the maximum admissible cable length for the respective installation.



Operating notes:

The connector series GST 18i5 are designed for dimming voltages of 0...250V. Please observe the following notes for connected equipment (e.g. electronic ballast or pushbuttons):

Power supply 250 V, dimming voltage is extra-low voltage (e.g. 1-10 V or DALI).

Insulation of the digital interface is according to requirements of base insulation. SELV (Safety Extra Low Voltage) is not guaranteed. Cables and equipment must have double base insulation.

Power supply 250 V, dimming voltage is higher than extra-low voltage (e.g. 250V Touch DIM).

The equipment used must meet protection class I (base insulation and protective ground) or protection class II (double or reinforced insulation).

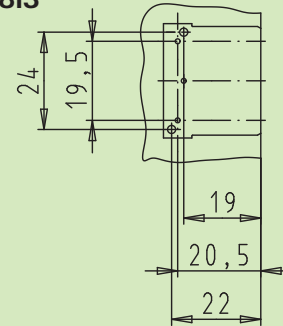
5 pole color coding

GST 18 drilling plans

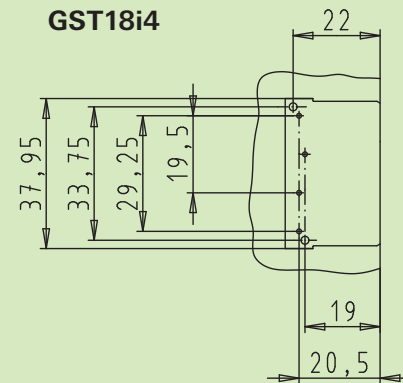
GST18i5 pole assignment, pastel blue coding

| Color | 0 – 10 V | DALI | Touch DIM |
|--|----------|----------|-----------|
| brown (similar to RAL 8023) | L | L | L |
| blue (similar to RAL 5015) | N | N | N |
| green + yellow (similar to RAL 6017 + 1032) | ⊕ | ⊕ | ⊕ |
| black (similar to RAL 9005) | D2 (-) | D2 (DA-) | D2 (DA-) |
| gray (similar to RAL 7004) | D1 (+) | D1 (DA+) | D1 (DA+) |

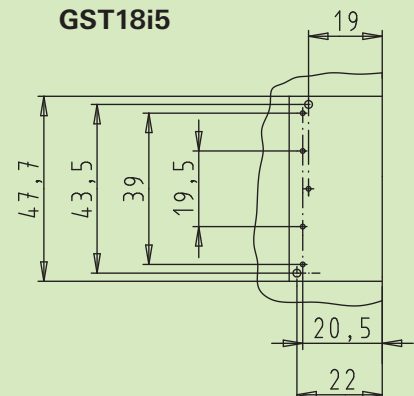
GST18i3



GST18i4



GST18i5



Technical data GST18i3 ... i6 "No-flame" material

For general technical data see previous page

| | | |
|-----------|-------------|---|
| Material: | Insulation: | PA, halogen-free and flame-protected, UL 94 V-0 |
| | Contacts: | CuZn |
| | Screws: | Steel, zinc-plated |

Plug connector color coding

Color name

| Color | similar RAL no. |
|-------------------|-----------------|
| white | RAL 9010 |
| black | RAL 9005 |
| pebble gray | RAL 7032 |
| tomato red | RAL 3013 |
| salmon red | RAL 3022 |
| brown (oxide red) | RAL 3009 |
| pastel blue | RAL 5024 |
| May green | RAL 6017 |
| turquoise blue | RAL 5018 |
| light blue | RAL 5012 |
| light ivory | RAL 1015 |
| turquoise green | RAL 6016 |
| traffic blue | RAL 5017 |
| zinc yellow | RAL 1018 |

Technical data

gesis[®] TOP 3 pole

Technical data *gesis* TOP:

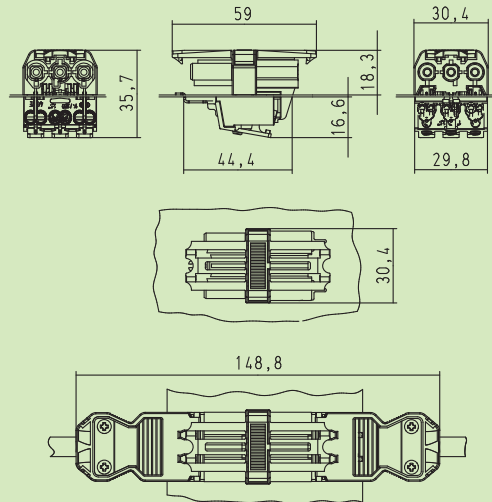
- Rated voltage max. 250 V
- Rated current max. 20 A
- Rated current max. 2 A, in lamp output
- Temperature range -40° C to +120° C
- Degree of protection IP 40
- Approval IEC 61535
- Color white
- Dimensions (L x W x H) 59.0 x 30.4 x 18.3 mm

Technical data lamp terminal:

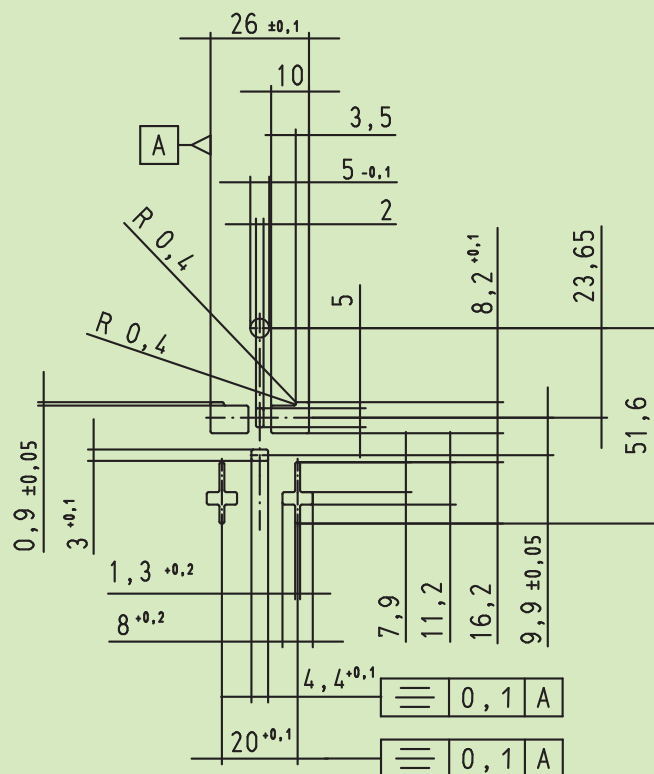
- as specified by the manufacturer BJB

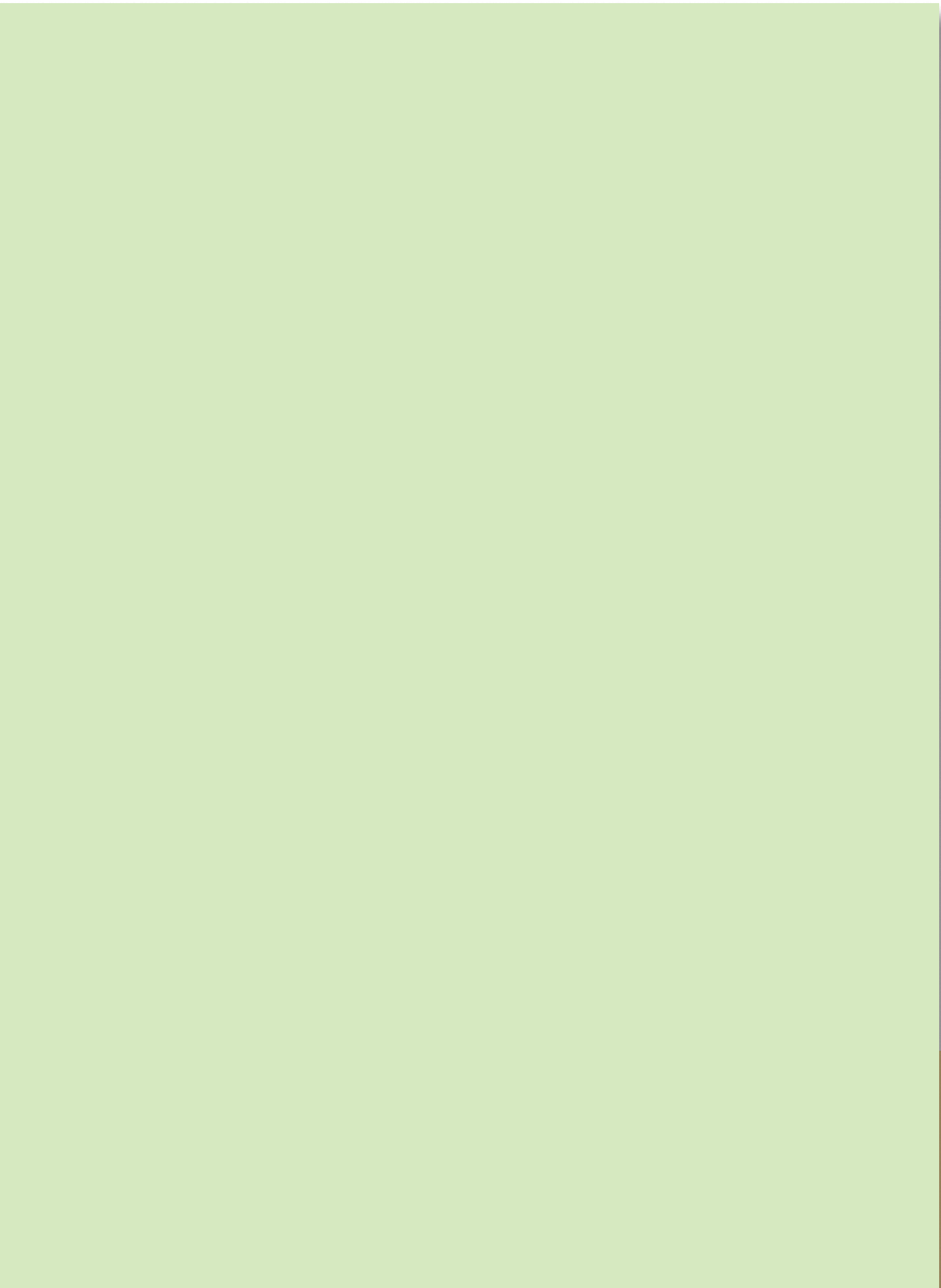
Ref. no. BJB 46.413.1302

Dimensions



Required metal sheet cutout





Technical data GST15i 2...5 pole

General:

| | |
|---------------------------------------|---|
| Number of poles: | 2, 3, 4 and 5 pole |
| Rated current: | 16A |
| Rated voltage: | 250V (2 and 3 poles) 250V / 400V (4 and 5 poles) |
| Rated impulse voltage: | 4kV (overvoltage category III) |
| Locking device: | fully integrated |
| Product standards: | IEC 61535 |
| Approvals: | VDE (CB) UL, CSA under certain conditions (please consult us) |
| Degree of protection: | IP20 as per IEC 60529 unplugged IP40 as per IEC 60529 when plugged |
| Ambient temperature: | -5 ... 40 °C |
| Operating temperature: | max. 60 °C with pre-assembled PVC cables |
| Environmental conditions: | Pollution degree 2 as per IEC 60664: "Only non-conductive pollution occurs. Occasional transient conductivity due to moisture condensation must be taken into account." |
| Materials: | Insulation: PA, halogen-free Machined contacts: CuZn, copper pre-coated and silver-coated Screws: Steel, zinc-plated |
| Codings: | different mechanical codings, identified by color black and white have the same coding Observe differing rated voltages! |
| In general, the following applies: | <ul style="list-style-type: none">- contact protection of female connectors also when unplugged- ground conductor leading; in addition, the neutral conductor in 5 pole male connectors is leading the phases- Protection against mismatching as per IEC 61535<ul style="list-style-type: none">- against connecting single poles- against connecting different numbers of poles- against pole displacement- against inverted connections- A dangerous non-polarization is impossible with systems that are defined in IEC 60309, IEC 60320 and IEC 60906 or with the national plug and socket systems for home applications. |

Observe the following notes for your safety:

According to IEC 61535, installation connector systems must only be connected and disconnected without load. GST15 connectors are not suitable for use in easily accessible areas. Compliance with EN 61535 will not automatically prevent a dangerous non-polarization with other installation connector systems. Installation connector systems are not a replacement for domestic plug and socket systems. According to VDE 0100, only qualified electricians or electrotechnically instructed persons shall use installation connector systems.

Operating notes:

The connector series GST 15i2 to 15i5 and 18i5 are designed for dimming voltages of 0...230V. Please observe the following notes for connected equipment (e.g. electronic ballast or pushbuttons):

Power supply 230 V, dimming voltage is extra-low voltage (e.g. 1-10 V or DALI).

Insulation of the digital interface is according to requirements of base insulation. SELV (Safety Extra Low Voltage) is not guaranteed. Cables and equipment must have double base insulation.

Power supply 230 V, dimming voltage is higher than extra-low voltage (e.g. 230V Touch DIM).

The equipment used must meet protection class I (base insulation and protective ground) or protection class II (double or reinforced insulation).

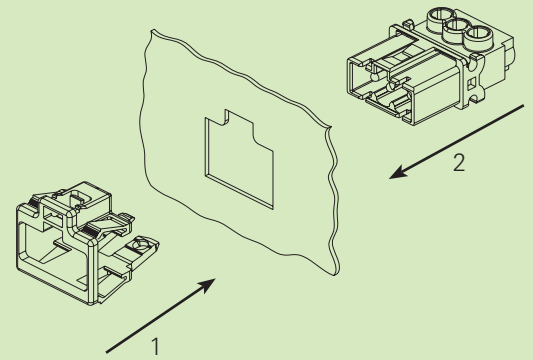
Connector:

Variations: Female and male connector, each with integrated strain relief
 Connection type: Screw connection
 Connector cross sections: 0.5 ... 2.5 mm²
 Torque for screw connections: 0.5 Nm
 Torque for strain relief: 0.5 to 0.7 Nm
 Fire load: 2 pole: 0.06 kWh
 3 pole: 0.06 kWh
 4 pole: 0.12 kWh
 5 pole: 0.12 kWh

Device connectors, snap-in:

Variations: Female and male connectors with snap-in frames for housing cutouts with 0.5 ... 1.5 mm thick walls

Connection type: Screw connection
 Connector cross sections: 0.5 ... 2.5 mm²
 Torque for screw connections: 0.5 to 0.7 Nm
 Fire load: 2 pole: 0.04 kWh
 3 pole: 0.04 kWh
 4 pole: 0.06 kWh
 5 pole: 0.06 kWh



PC board connectors (solder parts):

Variations: Female and male connectors for soldering onto a PC board
 – each with horizontal or vertical pins
 – with or without fastening flange

Spacing: 5.3 mm
 Pin length: 3.2 mm
 Fire load: 2 pole: 0.03 kWh
 3 pole: 0.03 kWh
 4 pole: 0.04 kWh
 5 pole: 0.04 kWh

Distribution units:

| | | | | |
|------------|--------|-------------|--------|--------------|
| Fire load: | 2 pole | T: 0.03 kWh | 2 pole | h: 0.04 kWh |
| | 2 pole | H: 0.04 kWh | | |
| | 3 pole | T: 0.04 kWh | 3 pole | h: 0.06 kWh |
| | 3 pole | H: 0.07 kWh | 3 pole | HH: 0.11 kWh |
| | 4 pole | T: 0.06 kWh | 4 pole | h: 0.08 kWh |
| | 4 pole | H: 0.09 kWh | | |

Cable assemblies:

Variations: Extension cables female – male
 Connection cables female – free end
 Connection cable male – free end
 Adapter cable female GST15i3 – male GST18i3
 Adapter cable male GST15i2 – female GST08i2
 Adapter cable female – male CEE 7/4 connector, angled sheath and insulation stripped and ultrason. welded / with ferrules

Free ends:

Fire load

| | | |
|-------------|---|---------------|
| PVC cables: | 2 x 1.5 mm ² : 0.28 kWh/m + 0.06 kWh | per connector |
| | 3 x 1.5 mm ² : 0.38 kWh/m + 0.06 kWh | per connector |
| | 4 x 1.5 mm ² : 0.50 kWh/m + 0.12 kWh | per connector |
| | 5 x 1.5 mm ² : 0.56 kWh/m + 0.12 kWh | per connector |

Cable: H05VV-F (PVC)
 H05Z1Z1-F (halogen-free)
 H03V2V2-F (PVC)

Technical data BST 14i2

General:

| | |
|--------------------------|---|
| Poles: | 2 |
| Rated voltage: | 50 V |
| Rated current: | 3 A |
| Wire colors: | 1 (+) red, 2 (-) black |
| Rated cross-sections: | 0.25 to 0.75 mm ² |
| Connection type: | Spring-loaded |
| Coding: | mechanical codings, identified by color |
| Locking device: | integrated |
| Strain relief: | Integrated in connector housing |
| Degree of protection: | IP20 |
| Wire stripping length: | 8 mm |
| Feed through resistance: | approx. 5 mΩ per female-male connection |
| Materials: | thermoplastic, halogen-free Contacts made of brass, surface-plated |
| Continuous temperature: | 70 °C |

Green (KNX):

| | |
|------------|------------------------------|
| Coding: | as per KNX standard |
| Approvals: | Connectors as per KNX manual |
| Cables: | as per KNX guidelines |

Blue (dimming applications):

| | |
|---------|--------------------|
| Coding: | individual coding |
| Cables: | designed for 230 V |

When using BST 14i2 for dimming applications (DALI/1-10 V), the following must be observed:

The given voltage is not Safety Extra Low Voltage (SELV), but Functional Extra Low Voltage (FELV).

Thus, when laying supply and signal cables together, the installation material must comply with the highest occurring supply voltage in order to ensure safe separation of the circuits as per VDE 0100-520.

BST 14i2 pastel blue is suitable for this application, when the following is observed according to the general installation guidelines:

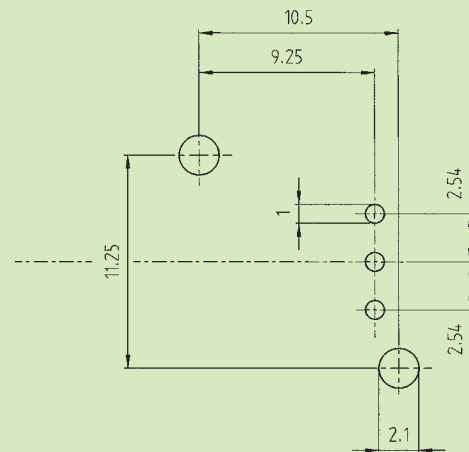
- fixed installation (e.g. in suspended ceilings)
- all components are plugged
- unused connectors have to be closed with covers
(female: 05.563.7753.0, male: 05.563.7853.0)
- Installation in areas only accessible for authorized personnel
- BST 14 cables with blue and black connectors made by WIELAND are designed for mains voltage.
- no „TouchDIM“ applications

Technical data BST 14i3

General:

| | |
|--------------------------|---|
| Poles: | 3 (+, -, shield) |
| Rated voltage: | 50 V |
| Rated current: | 3 A |
| Wire colors: | 1 (+) red, 2 (-) black |
| Rated cross-sections: | 0.25 to 0.75 mm ² |
| Connection type: | Spring-loaded |
| Coding: | mechanical codings, identified by color |
| Locking device: | integrated |
| Strain relief: | Integrated in connector housing |
| Degree of protection: | IP20 |
| Wire stripping length: | 8 mm |
| Feed through resistance: | approx. 5 mΩ per female-male connection |
| Materials: | thermoplastic, halogen-free Contacts made of brass, surface-plated |
| Continuous temperature: | 70 °C |
| Approval: | EN 61984 (VDE 0627) |

Bore hole pattern for BST solder connectors
Female / male



Types of voltage: Use BST 14i3 connectors only in connection with a SELV or PELV voltage supply!

General note:

As per VDE 0100, only qualified electricians or electrotechnically instructed persons shall use installation connector systems.

Never temper with the cables and components!

Observe applicable accident prevention and safety regulations as well as local installation specifications.

According to the installation instructions, the live component **MUST** be a female connector.

It is not possible to install cables in a ring circuit!

Connectors must only be connected and disconnected without load.

The WIELAND concept is providing for the allocation of codings and colors to a specific application.

When using codings differently, the user must prevent a dangerous non-polarization.

Differing technical data must be taken into account by the user.

Technical data

ST 16

Components:

Power

| | |
|------------------------|--|
| Poles: | 2 |
| Rated voltage: | 48 V |
| Rated current: | 25 A (for plug-in connectors only) Cable assemblies with fuse holder max. 15 A |
| Rated cross-section: | 2.5 mm ² fine-stranded |
| Connection type: | Screw, crimp |
| Wire range: | Screw part: min. 0.5 mm ² ; max. 2.5 mm ² solid and fine-stranded, without ferrules. |
| Wire stripping length: | 7 mm |
| Approvals: | VDE 0711 part 1 (DIN EN 60598-1) in connection with VDE 0609 part 1 (DIN EN 60999), VDE 0470 part 1 (DIN EN 60529), DIN IEC 352 part 2 Blade-type fuses type C as per DIN 72581 part 3 Transformer: MM, ENEC, VDE, CE |
| Degree of protection: | IP 20 as per DIN VDE 0470 part 1/11.92 |

Material:

| | |
|-----------------------|--|
| Insulation: | PA 6.6 UL 94 V-0, permanent rigidity as per DIN VDE 0304, 20,000 h/5,000 h, 100/115 °C Glow wire test as per DIN VDE 0471 part 21 (IEC 695), 960 °C |
| Color: | white |
| Metal parts: | Silver-coated brass |
| Screw: | Steel, zinc-plated and chromated |
| Cable: | Strands 50 x 0.25 tin-plated, 2 layers halogen-free, flame-proof |
| Color: | white |
| Diameter: | 3.9 < d < 4.2 mm Continuous temperature 120 °C |
| Fire load: | 0.064 kWh/m |
| Mounting instruction: | Low-voltage lighting systems are only to be installed by a qualified electrician, satisfying DIN VDE 0100 part 559 and/or part 559/A2 |

Electronic transformer see next page ST17.

Technical data

ST 17

Components:

| | Power |
|------------------------|--|
| Poles: | 2 |
| Rated voltage: | 48 V |
| Rated current: | 16 A |
| Rated cross-section: | 1.5/2.5/6 mm ² |
| Connection type: | Screw, crimp |
| Wire range: | Screw part: min. 0.5 mm ² ; max. 2.5 mm ² |
| Wire stripping length: | 7 mm, with ferrules |
| Approvals: | Transformer: MM, ENEC, VDE; CE |
| Degree of protection: | IP 20 as per DIN VDE 0470 part 1/11.92 |

Material:

| | |
|-----------------------|---|
| Insulation: | Thermoplastic PE compound, continuous temperature 110 °C |
| Color: | white |
| Metal parts: | Brass, surface-plated |
| Screw: | Steel, zinc-plated and chromated |
| Cable: | H05VV-F 2 x 1.5, FLKK 2 x 2.5 |
| Color: | white |
| Mounting instruction: | Low-voltage lighting systems are only to be installed by a qualified electrician, satisfying DIN VDE 0100 part 559 and/or part 559/A2 |

Electronic transformer ST 16/ST 17:

| | |
|--------------------------------------|---|
| Primary configuration: | with customizable cable GST18i3 or with screw clamp terminal pairs with strain relief |
| Secondary configuration: | with customizable cable ST16 or ST17 |
| Primary rated voltage: | 230 V AC, 50/60 Hz |
| Rated output voltage: | 11.7 V |
| Power range: | 35 – 105 W |
| Primary current: | 0.45 A |
| Performance factor: | 0.96 c |
| Efficiency: | 95% |
| Ambient temperature t_a : | max. 50 °C at maximum load |
| Housing temperature t_c : | max. 90 °C at maximum load |
| Short circuit test: | electronically, automatic restart |
| Overload/overtemperature protection: | automatic power reduction to 70%, then switch-off |
| No-load operation: | protected |
| Fire protection: | switch-off in case of fault |
| Protection class: | II |
| Dimmable: | with Tronic dimmer and standard dimmer |
| Dimensions: | 175 x 42 x 18 mm |
| Other: | controllable with trailing edge dimmer, not suitable for leading edge |

Technical data GST08i2

General:

| | | | |
|------------------------|--|---------------------|--|
| Number of poles: | 2 | | |
| Rated values: | White coding: 250 V~, 2.5 A | | |
| | Blue coding: 12 V, 6 A | | |
| | Green coding: 24 V, 6 A | | |
| | Red coding: 250 V~, 2.5 A | | |
| Approvals: | EN 60320 (white coding) and EN 61984 (blue and green coding) | | |
| Ambient temperature: | -5...+40 °C | | |
| Operating temperature: | Max. 70 °C | | |
| Materials: | Cables: PVC (H03V2V2H2-F) 90 °C continuous temperature | | |
| | Insulation housing: PA 6 | | |
| | Housing: PVC | | |
| Codings: | Different mechanical codings, identified by color. Observe differing rated voltages. | | |
| Please note: | When using adapter cables for connection to GST15 or GST18, the circuit must be fused for the nominal current of the GST08 components! | | |
| | GST08 connectors are not a replacement for domestic plug and socket systems. | | |
| | As per VDE0100, only qualified electricians or electrotechnically instructed persons shall use installation connector systems. | | |
| | gesis MICRO (GST08) is not intended for use in fixed installations as per IEC 61535. | | |
| | Never tamper with the cables and components! Observe applicable accident prevention and safety regulations. Do not use third-party components. | | |
| Cable assemblies: | Variations: | Extension cables | Female – male |
| | | Connection cable | Female – free end |
| | | Connection cable | Male – free end |
| | | Adapter cables | Female GST 15 to male GST 08 |
| | | Distribution cables | Male connector to 6-fold distribution unit |
| Open line ends: | Sheath and insulation stripped and crimped with ferrules | | |

Technical data GST08i3

General:

Number of poles: 3
 Rated values: White coding: 250V~, 6 A

Approvals: EN 60320

Ambient temperature: -5...+40 °C
 Operating temperature: Max. 70 °C

Materials: Cables: PVC (H03VV-F) 70 °C continuous temperature
 Insulation housing: PA 6
 Housing: PVC

Codings: One mechanical coding

Please note: When using adapter cables for connection to GST15 or GST18, the circuit must be fused for the nominal current of the GST08 components!

GST08 connectors are not a replacement for domestic plug and socket systems.

As per VDE0100, only qualified electricians or electrotechnically instructed persons shall use installation connector systems.

gesis MICRO (GST08) is not intended for use in fixed installations.

Never tamper with the cables and components!
 Observe applicable accident prevention and safety regulations.
 Do not use third-party components.

| | | | |
|-------------------|-------------|---------------------|--|
| Cable assemblies: | Variations: | Extension cables | Female – male |
| | | Connection cable | Female – free end |
| | | Connection cable | Male – free end |
| | | Adapter cables | Female GST 15 to male GST08 |
| | | Distribution cables | Male connector to 6-fold distribution unit |

Open line ends: Sheath and insulation stripped and crimped with ferrules

Technical data LST 03i2 ...i4

General:

| | |
|------------------------|---|
| Number of poles: | 2 and 4 poles |
| Rated values: | max. voltage 32 V max. current 3.0 A |
| Spacing: | 2.5 mm |
| Approvals: | VDE, UL |
| Degree of protection: | IP20 |
| Ambient temperature: | -40...+120 °C |
| Operating temperature: | |

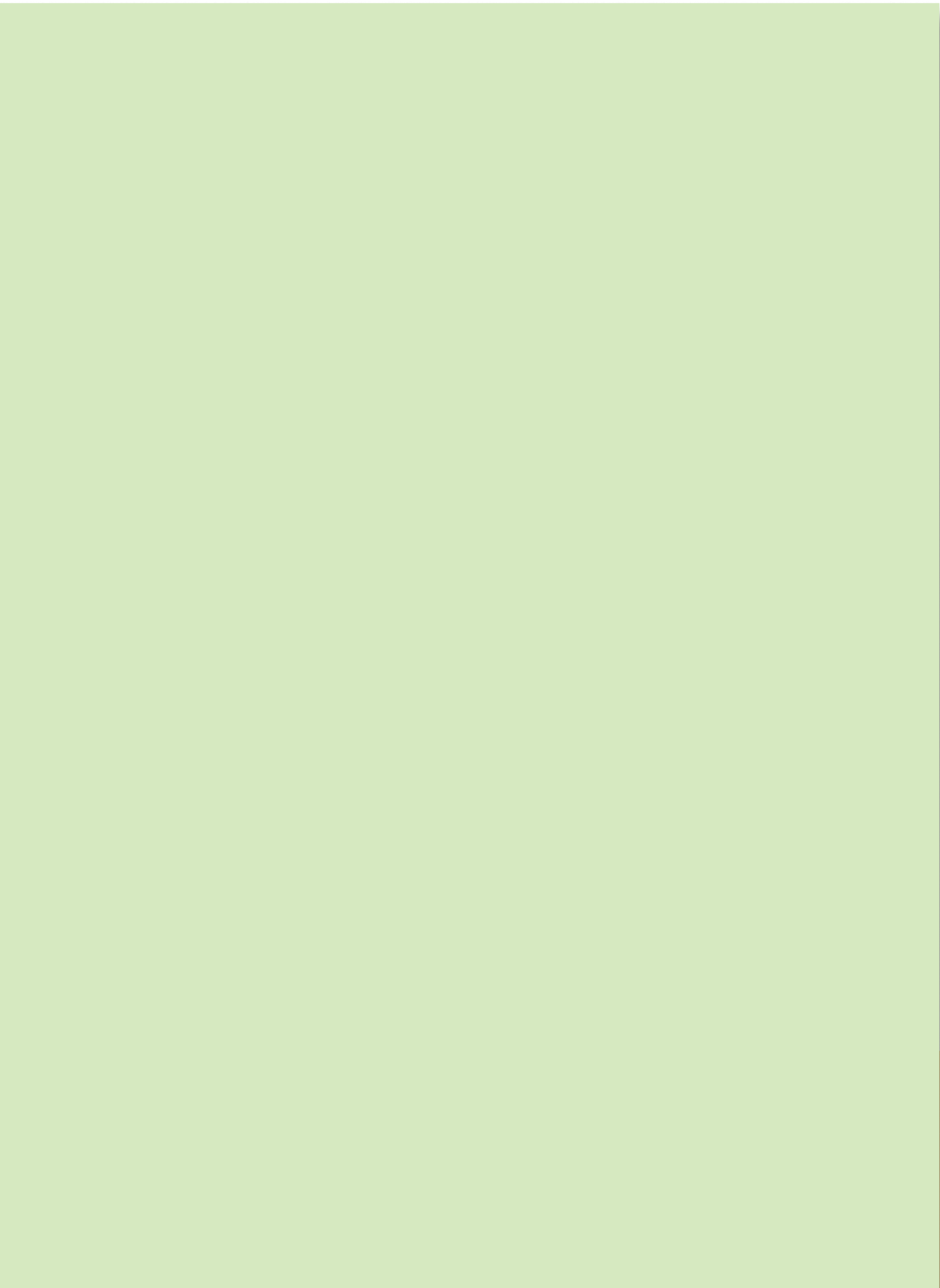
| | |
|-------------|---|
| Materials: | Cables: Insulation housing: Housing: PCB: |
| Dimensions: | 11.0 x 7.5/12.5 x 7.3 mm Board thickness 1.55 mm ± 0.19 mm |
| Cable: | 0.22 – 0.35 mm ² (AWG 32 – 34) |

Codings: with/without center bridge

Please note:

Never tamper with the cables and components!
Observe applicable accident prevention and safety regulations.
Do not use third-party components.

Cable assemblies: Variants 2 or 4 pole: Cables Female / male are identical



Technical data

Flat cable system 2 pole

| | |
|------------------------------|---|
| Components: | Flat cable adapter for BST 14i2 Flat cable adapter for BST 14i3 |
| Connection: | Insulation piercing clamping with pluggable output as per Wieland coding BST 14 |
| Clamping screws: | Tightening torque: 1.0 Nm |
| Rated voltage: | 50 V |
| Rated current: | 3 A |
| Number of poles: | 2 pole (+, -) |
| Regulations: | KNX manual |
| Approval: | as per KNX manual |
| Connection cable for supply: | Ø 3 – 8 mm |
| Materials: | Insulation: thermoplastic, halogen-free Cover: polycarbonate, transparent Contact parts: brass, surface-plated tin bronze, surface-plated |
| Continuous temperature: | 70 °C, insulation 100 °C |
| Fire load: | Flat cable adapter BST 14i 0.12 kWh |
| Coding: | mechanical coding BST 14i, black, green |
| General: | Use connectors only in connection with a SELV or PELV voltage supply! The voltage (supply) is fed to the flat cable with a screwable flat cable adapter. The output boxes can be adapted using insulation piercing screw technology. The outputs are pluggable with gesis connector systems. |
| Note: | Functional safety can only be guaranteed, if the original cable is used. The 2 pole flat cable with screen is not designed for use with dimming applications. |

Flat cable, PVC

| | |
|---------------------------|--|
| Quantity x cross section: | 2 x 1.5 mm ² |
| Outer sheath: | PVC |
| Sheath color: | dark gray |
| Weight: | 90 g/m |
| Dimensions (W x H): | 11 x 6 mm |
| Fire load: | 0.48 kWh/m |
| Fire behavior: | Self-extinguishing as per IEC 60332.1 |
| Bending radius: | min. 4 x D (with fixed installation as per DIN VDE 0298-3) |

Structure:

| | |
|--------------|--|
| Copper wire: | tin-plated, as per CENELEC HD 383 S2 Class 5 |
| Insulation: | PE as per DIN VDE 0207 part 2 2Y12 |
| Wire colors: | beige |
| Screen: | Multiple aluminum strip screen, galvanically insulated |

Technical data:

| | |
|---------------------------|---------------------|
| Cross section: | 1.5 mm ² |
| Rated voltage: | 300/300 V |
| Rated current: | 3 A |
| DC resistance: | 13.7 Ω/km |
| Capacitance: | 70 pF/m |
| Attenuation at 1 MHz: | nom. 1.2 dB/100 m |
| Wave resistance at 1 MHz: | nom. 75 Ω |

Flat cable, halogen-free

| | |
|---------------------------|---|
| Quantity x cross section: | 2 x 1.5 mm ² |
| Outer sheath: | Thermoplastic PE compound, halogen-free |
| Sheath color: | dark gray |
| Weight: | 86 g/m |
| Dimensions (W x H): | 11 x 6 mm |
| Fire load: | 0.44 kWh/m |
| Fire behavior: | Self-extinguishing as per IEC 60332.1 Low smoke development as per IEC 61034-1/2 |
| Bending radius: | min. 4 x D (with fixed installation as per DIN VDE 0298-3) |

Structure:

| | |
|--------------|--|
| Copper wire: | tin-plated, as per CENELEC HD 383 S2 Class 5 |
| Insulation: | PE as per DIN VDE 0207 part 2 2Y12 |
| Wire colors: | beige |
| Screen: | Multiple aluminum strip screen, galvanically insulated |

Technical data:

| | |
|---------------------------|---------------------|
| Cross section: | 1.5 mm ² |
| Rated voltage: | 300/300 V |
| Rated current: | 3 A |
| DC resistance: | 13.7 Ω/km |
| Capacitance: | 70 pF/m |
| Attenuation at 1 MHz: | nom. 1.2 dB/100 m |
| Wave resistance at 1 MHz: | nom. 75 Ω |

Technical data

Flat cable system 5 pole, 2.5/4 mm²

| | |
|---------------------------------|---|
| Components: | Feed-in adapter for round cable Flat cable adapter GST 18i3 with phase selection Flat cable adapter GST 18i5 |
| Connection: | Insulation piercing technology with pluggable output as per Wieland coding GST 18 |
| Contact screws: | Tightening torque: 0.5 Nm |
| Strain relief screw: | Tightening torque: 0.6 Nm |
| Rated voltage: | 250 V/400 V (blue cables and components are designed for combination of mains voltage with Functional Extra Low Voltage (FELV)) |
| Rated current: | 20 A |
| Number of poles: | 3/5 pole |
| Regulations: | IEC 61535 |
| Approval: | VDE requested |
| Protection rating: | IP 20 |
| Connection cable for supply: | Ø 12 – 16 mm |
| Materials: | Housing: thermoplastic, halogen-free Contact parts: Brass, surface-plated Tin bronze, surface-plated |
| Continuous temperature: | 70 °C, insulation 100 °C |
| Coding: | mechanical coding GST 18i, Code 1, black Code 2, pastel blue |
| General: | The voltage (supply) is fed to the flat cable with a screwable flat cable adapter. The output boxes can be adapted using insulation piercing screw technology. The outputs are pluggable with gesis connector systems. The connectors have to be locked together with the adapter. |
| Note: | According to VDE0100, only qualified electricians or electrotechnically instructed persons shall use installation connector systems. Do not manipulate cables and components! Observe applicable accident prevention and safety regulations. Only open the cover of gesis ^{NRG} components when they are not energized. Never connect or disconnect GST18 connectors under load. Do not use third-party components. Only combinations of Wieland products are covered by the warranty. Connection and termination points, as well as plug-in connections of cables/conductors, have to be provided with mechanical strain relief as per VDE0100-520. Never disconnect gesis connectors using force. |



Detailed information on the use of the corresponding GST18 components can be found in our catalog 0670.1 "Pluggable electrical installation for indoors"

Flat cable, PVC

| | |
|-------------------------|--|
| Number x cross section: | 5 x 2.5 mm ² |
| Outer sheath: | PVC |
| Sheath color: | black / green / blue |
| Dimensions (W x H): | 27.8 x 6.3 mm |
| Fire behavior: | Self-extinguishing as per IEC 60332.1 |
| Bending radius: | min. 60 mm (with fixed installation as per DIN VDE 0298-3) |

Structure:

| | |
|--------------|----------------------------------|
| Copper wire: | uncoated, fine-stranded, Class 6 |
| Insulation: | PVC |
| Wire colors: | |



Technical data:

| | |
|------------------|---------------------|
| Cross section: | 2.5 mm ² |
| Testing voltage: | 4 kV |
| Rated voltage: | 0.6 / 1 kV |

Flat cable, halogen-free

| | |
|-------------------------|--|
| Number x cross section: | 5 x 2,5 mm ² / 5 x 4 mm ² |
| Outer sheath: | thermoplastic PE compound, halogen-free and no corrosive gases as per DIN VDE 0472 Part 813 |
| Sheath color: | black / green / blue |
| Dimensions (W x H): | 27.8 x 6.3 mm |
| Fire behavior: | Self-extinguishing as per IEC 60332.1. Low smoke development according to IEC 61034-1/2 |
| Bending radius: | min. 100 mm (with fixed installation as per DIN VDE 0298-3) |

Structure:

| | |
|--------------|---|
| Copper wire: | uncoated, fine-stranded, Class 6 |
| Insulation: | cross-linked, halogen-free and flame-retardant PE |
| Wire colors: | |



Technical data:

| | |
|------------------|---|
| Cross section: | 2,5 mm ² / 4 mm ² |
| Testing voltage: | 4 kV |
| Rated voltage: | 0.6 / 1 kV |

Technical data

Flat cable system 5 pole, 10 mm²

| | |
|------------------------------|--|
| Components: | Supply adapter for round cables 10 mm² Output adapter for round cables 2.5 – 4 mm² |
| Connection: | Insulation piercing clamp |
| Clamping screws: | Tightening torque: 0.8 Nm |
| Rated voltage: | 250 V/400 V |
| Rated current: | 50 A |
| Number of poles: | 3/5 pole |
| Conductor structure: | 77 x 0.40 (n x mm) |
| Sheath color: | Light green RAL 6027 |
| Regulations: | IEC 998-2-3, DIN EN 60998-2-3/VDE 0613-2-3 |
| Approval: | PVC: VDE |
| halogen-free: | VDE, SEV |
| Degree of protection: | IP 20, DIN VDE 0470 part 1/11.92 |
| Connection cable for supply: | Ø 5 – 13 mm |
| Materials: | Insulation: PVC or PE Cover: polycarbonate, transparent Contact parts: Cu uncoated, fine-stranded as per DIN VDE 0295 Class 5 CENELEC HD 383 S2 Class 5 and IEC 0295 Class 5 |
| Temperature range: | when stationary PVC: -15°C up to +70°C when stationary halogen-free: +15°C up to +70°C |
| Fire load: | Infeed for mains ~0.45 kWh Output for mains 0.62 kWh |
| General: | The voltage (supply) is fed to the flat cable with a screwable flat cable adapter. The output boxes can be adapted using insulation piercing screw technology. |
| Properties halogen-free: | – Halogen-free as per DIN EN 50267-2-2 and DIN VDE 0482 part 267-2-2 (was CENELEC HD 602 and DIN VDE 0472 part 813), IEC 60754-2 – Low fire propagation as per IEC 60332-3 cat. C, CENELEC HD 405.3 – Minimal smoke development as per EN 50268, DIN VDE 0482 part 268, IEC 61034 – Self-extinguishing as per DIN EN 50265-2-1, VDE 0482 part 265-2-1 (was CENELEC HD 405.1 and DIN VDE 0472 part 804 B), IEC 60332-1 |
| Note: | Functional safety can only be guaranteed, if the original cable is used. |

Flat cable, PVC

| | |
|---------------------------|--|
| Quantity x cross section: | 5 x 10 mm ² |
| Outer sheath: | Insulation: PVC, as per CENELEC HD 21.1 S4, T12 Sheath: PVC, as per CENELEC HD 21.1 S4, TM2 |
| Weight: | 837 kg/km |
| Dimensions (W x H): | 38.5 x 10.0 mm |
| Fire load: | 2.138 kWh/m |
| Fire behavior: | Self-extinguishing as per IEC 60332-1, DIN EN 50265-2-1 (DIN VDE 0482 Part 265-2-1) (was CENELEC HD 405.1) |
| Bending radius: | min. 100 mm (in fixed installations as per DIN VDE 0298-3) |

Structure:

| | |
|---------------|---|
| Copper wire: | uncoated, fine-stranded, as per CENELEC HD 383 S2 Class 6 |
| Insulation: | PVC as per CENELEC HD 21.1 S2, T12 |
| Wire colors*: | brown, blue, green-yellow, black, gray |



Technical data:

| | |
|------------------|--|
| Cross section: | 10 mm ² |
| Testing voltage: | 4 kV |
| Rated voltage: | 0.6 / 1 kV |
| Printing: | 5 G 10 MM ² , 1KV, VDE REG.NO. 9475 |

Flat cable, halogen-free

| | |
|---------------------------|---|
| Quantity x cross section: | 5 x 10 mm ² |
| Outer sheath: | Insulation: Cross-linked, halogen-free, flame-retardant PE as per DIN VDE 0207 part 22 "2X11" and following IEC 60502-1 "XLPE" Sheath: Thermoplastic and halogen-free compound as per DIN VDE 250 Part 214 „HM2“ |
| Weight: | 844 kg/km |
| Dimensions (W x H): | 38.5 x 10.0 mm |
| Fire load: | 1.835 kWh/m |
| Fire behavior: | Self-extinguishing as per IEC 60332.1. Low smoke development as per IEC 61034-1/2 |
| Bending radius: | min. 100 mm (in fixed installations as per DIN VDE 0298-3) |

Structure:

| | |
|---------------|--|
| Copper wire: | Cu uncoated, fine-stranded as per DIN VDE 0295 Class 5 CENELEC HD 383 S2 Class 5 and IEC 0295 Class 5 |
| Insulation: | cross-linked, halogen-free and flame-retardant PE |
| Wire colors*: | brown, blue, green-yellow, black, gray |



Technical data:

| | |
|------------------|---|
| Cross section: | 10 mm ² |
| Testing voltage: | 4 kV |
| Rated voltage: | 0.6 / 1 kV |
| Printing: | 5 G 10 MM ² , FR/LSOH, 1KV, VDE REG.NO. 9480 |

* The wire colors have been adjusted to the new European standard HD 208 S2. Assignment as per international recommendations.

Technical data

Flat cable system 5 pole, 16 mm²

| | |
|------------------------------|--|
| Components: | Supply adapter for round cables 5 x 16 mm² Output adapter for round cables 5 x 6 mm² Flat cable adapter incl. line circuit breaker with GST18 output |
| Connection: | Insulation piercing clamping with pluggable output as per Wieland coding GST |
| Clamping screws: | Tightening torque: 0.8 Nm |
| Rated voltage: | 250 V/400 V |
| Rated current: | 63 A |
| Number of poles: | 3/5 pole |
| Conductor structure: | 126 x 0.40 (n x mm) |
| Sheath color: | Light gray |
| Regulations: | IEC 998-2-3, DIN EN 60998-2-3/VDE 0613-2-3 |
| Approval: | PVC: VDE |
| halogen-free: | VDE, SEV |
| Degree of protection: | IP 65 |
| Connection cable for supply: | Ø 16 – 28 mm |
| Materials: | Insulation: PVC or PE Contact parts: Cu uncoated, fine-stranded as per DIN VDE 0295 Class 5 CENELEC HD 383 S2 Class 5 and IEC 0295 Class 5 |
| Temperature range: | when stationary PVC: +15°C up to +70°C when stationary halogen-free: – 15°C up to +90°C |
| Fire load: | Infeed for mains ~ 3.30 kWh Output for mains ~ 3.30 kWh |
| Adapter incl. LS switch: | Adaption with insulation-piercing clamp technology. 4 fused outputs GST18, code 1, black |
| General: | The supply and the output boxes can be adapted using insulation piercing screw technology. The adapter outputs can be plugged to a line circuit breaker with gesis GST18 connector systems. The connectors have to be locked together with the adapter. Use the according GST accessories for this purpose. |
| Properties PVC: | Especially resistant to oils and acids – ASTM oil 2 "CAL-2" = good – Hydraulic oil "Aeroshell No. 41" = very good – Resistance to acids = good to very good |
| Properties PE: | – Halogen-free as per DIN EN 50267-2-2 and DIN VDE 0482 part 267-2-2 (was CENELEC HD 602 and DIN VDE 0472 part 813), IEC 60754-2 – Low fire propagation as per IEC 60332-3 cat. C, CENELEC HD 405.3 – Minimal smoke development as per EN 50268, DIN VDE 0482 part 268, IEC 61034 – Self-extinguishing as per DIN EN 50265-2-1, VDE 0482 part 265-2-1 (was CENELEC HD 405.1 and DIN VDE 0472 part 804 B), IEC 60332-1 |
| Note: | Functional safety can only be guaranteed, if the original cable is used. |

Flat cable, PVC

Quantity x cross section: 5 x 16 mm²
 Outer sheath: Insulation: PVC, "TI3" as per CENELEC HD 21.1 S4
 Sheath: PVC, "DMV6" as per DIN VDE 0276-603 (VDE 0276 part 603): 2000-5 contains CENELEC HD 603 S1 + A1, oil resistance as "TM5" as per CENELEC HD 21.1 S4

Weight: 1255 kg/km
 Dimensions (W x H): 48.6 x 11.3 mm
 Fire load: 2.88 kWh/m
 Fire behavior: Self-extinguishing as per IEC 60332-1, DIN EN 50265-2-1 (DIN VDE 0482 Part 265-2-1) (was CENELEC HD 405.1)
 Bending radius: min. 100 mm (in fixed installations as per DIN VDE 0298-3)

Structure:

Copper wire: uncoated, fine-stranded, as per CENELEC HD 383 S2 Class 6
 Insulation: PVC as per CENELEC HD 21.1 S2, TI2
 Wire colors*: brown, blue, green-yellow, black, gray



Technical data:

Cross section: 16 mm²
 Testing voltage: 4 kV
 Rated voltage: 0.6 / 1 kV
 Printing: 5 G 16 MM², 1KV, VDE REG.NO. 9475

Flat cable, halogen-free

Quantity x cross section: 5 x 16 mm²
 Outer sheath: Insulation: Cross-linked, halogen-free, flame-retardant PE as per DIN VDE 0207 part 22 "2X11" and following IEC 60502-1 "XLPE"
 Sheath: Thermoplastic and halogen-free compound as per DIN VDE 250 Part 214 „HM2“

Weight: 1266 kg/km
 Dimensions (W x H): 48.6 x 11.3 mm
 Fire load: 2.48 kWh/m
 Fire behavior: Self-extinguishing as per IEC 60332.1. Low smoke development as per IEC 61034-1/2
 Bending radius: min. 100 mm (in fixed installations as per DIN VDE 0298-3)

Structure:

Copper wire: Cu uncoated, fine-stranded as per DIN VDE 0295 Class 5 CENELEC HD 383 S2 Class 5 and IEC 0295 Class 5
 Insulation: cross-linked, halogen-free and flame-retardant PE
 Wire colors*: brown, blue, green-yellow, black, gray



Technical data:

Cross section: 16 mm²
 Testing voltage: 4 kV
 Rated voltage: 0.6 / 1 kV
 Printing: 5 G 16 MM², FR/LSOH, 1KV, VDE REG.NO. 9480

* The wire colors have been adjusted to the new European standard HD 208 S2. Assignment as per international recommendations.

Technical data

Flat cable system 5 pole + 2 pole

Components:

Power

Supply adapter for round cables 5 x 2.5 mm²
 Flat cable adapter GST 18i5
 Flat cable adapter GST 18i3


Bus

Supply adapter for round cables 2 x 1.5 mm²
 Flat cable adapter BST 14i2
 Flat cable adapter BST 14i3


| | | |
|------------------------------|---|----------------------------------|
| Connection: | Insulation piercing clamping with pluggable output as per Wieland coding GST, BST | |
| Clamping screws: | Tightening torque: 0.8 Nm | Tightening torque: 1.0 Nm |
| Rated voltage: | 250 V/400 V | 50 V |
| Rated current: | 16 A | 3 A |
| Number of poles: | 3/5 pole | 2 pole (+, -) |
| Regulations: | IEC 61535 IEC 998-2-3 (insulation-piercing clamp) | KNX manual |
| Approval: | VDE | as per KNX manual |
| Degree of protection: | IP 20, DIN VDE 0470 part 1/11.92 | |
| Connection cable for supply: | Ø 5 – 13 mm | Ø 3 – 8 mm |
| Materials: | Insulation: thermoplastic PE compound, halogen-free Cover: polycarbonate, transparent Contact parts: brass, surface-plated tin bronze, surface-plated | |
| Continuous temperature: | 70 °C, insulation 100 °C | |
| Fire load: | Flat cable adapter GST 18i5 Flat cable adapter GST 18i3 Flat cable adapter BST 14i | 0.27 kWh 0.18 kWh 0.12 kWh |
| Coding: | mechanical coding GST 18i, code 1, black BST 14i2, green BST 14i3, black | |
| General: | <p>Use connectors (bus signal) only in connection with a SELV or PELV voltage supply! When using an ELV voltage supply for BST14, it has to be galvanically insulated (e.g. via transformer) and feature a base insulation.</p> <p>The voltage (supply) is fed to the flat cable with a screwable flat cable adapter. The output boxes can be adapted using insulation piercing screw technology. The outputs are pluggable with gesis connector systems. The connectors have to be locked together with the adapter. Use the according GST accessories for this purpose.</p> | |
| Note: | Functional safety can only be guaranteed, if the original cable is used. The 5+2 pole flat cable with screen is not suitable for use with dimming applications. | |

* The wire colors have been adjusted to the new European standard HD 208 S2. Assignment as per international recommendations.

Flat cable, PVC

| | Power | Bus |
|---------------------------|--|---|
| Quantity x cross section: | 5 x 2.5 mm ² | 2 x 1.5 mm ² |
| Outer sheath: | PVC as per CENELEC HD 21.1 S2, TM2 | |
| Sheath color: | purple RAL 4005 | Capacitance: 70 pF/m |
| Weight: | 350 g/m | Attenuation at 1 MHz: nom. 1.2 dB/100 m |
| Dimensions (W x H): | 32 x 6 mm | Wave resistance at 1 MHz: nom. 75 Ω |
| Fire load: | 1.18 kWh/m | |
| Fire behavior: | Self-extinguishing as per IEC 60332.1 | |
| Bending radius: | min. 100 mm (in fixed installations as per DIN VDE 0298-3) | |
| Structure: | | |
| Copper wire: | uncoated, fine-stranded, as per CENELEC HD 383 S2 Class 6 | |
| Insulation: | PVC as per CENELEC HD 21.1 S2, TI2 | PE as per DIN VDE 0207 part 2 2YI2 |
| Wire colors*: |  gray, black, brown, blue, green/yellow | beige Double aluminum strip screen, galvanically insulated |
| Technical data: | | |
| Testing voltage: | 4 kV | |
| Rated voltage: | 0.6 / 1 kV | 300/300 V |
| Testing current: | as per IEC 60364-5-523 | |
| DC resistance: | 7.98 Ω/km | 13.7 Ω/km |

Flat cable, halogen-free

| | Power | Bus |
|---------------------------|--|---|
| Quantity x cross section: | 5 x 2.5 mm ² | 2 x 1.5 mm ² |
| Outer sheath: | Thermoplastic PE compound, halogen-free and no corrosive gases as per DIN VDE 0472 Part 813 | Capacitance: 70 pF/m |
| Sheath color: | purple RAL 4005 | Attenuation at 1 MHz: nom. 1.2 dB/100 m |
| Weight: | 340 g/m | Wave resistance at 1 MHz: nom. 75 Ω |
| Dimensions (W x H): | 32 x 6 mm | |
| Fire load: | 0.99 kWh/m | |
| Fire behavior: | Self-extinguishing as per IEC 60332.1, low fire propagation as per IEC 60332-3C Low smoke development as per IEC 61034-1/2 | |
| Bending radius: | min. 100 mm (in fixed installations as per DIN VDE 0298-3) | |
| Structure: | | |
| Copper wire: | uncoated, fine-stranded, as per CENELEC HD 383 S2 Class 6 | |
| Insulation: | cross-linked, halogen-free and flame-retardant PE | PE as per DIN VDE 0207 part 2 2YI2 |
| Wire colors*: |  gray, black, brown, blue, green/yellow | beige Double aluminum strip screen, galvanically insulated |
| Technical data: | | |
| Testing voltage: | 4 kV | |
| Rated voltage: | 0.6 / 1 kV | 300/300 V |
| Testing current: | as per IEC 60364-5-523 | |
| DC resistance: | 7.98 Ω/km | 13.7 Ω/km |

Exerpt from the technical basics. Properties of plastics – wire connections.

Electrical and thermal properties of plastics

| Characteristics / properties | Standard | IEC | Unit | Type | Duroplast | Thermoplast | | | | | | | |
|---|---------------|-----------|--------------------------|---------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|----------------------------|------------------|
| | | | | | 150 | Polyamide | | | | | | Polybutylene terephthalate | Poly-carbonate |
| | | | | | | PA 6 | PA 6 GF | PA 66 | PA 66 GF | PA 66/6 | PA 66/6 GF | | |
| Dielectr. strength | VDE 0303-T21 | IEC 243/1 | kV / mm | dry/ moist | ca. 10 | 100 / 60 | 40 / 31 | 120 / 80 | 80 / 65 | 55 / 45 | 26 / 23 | 40 | 35 |
| Dielectric loss tan Δ @ 1 MHz | VDE 0303-T4 | IEC 250 | | dry/ moist | 0.3 | 0.03 / 0.3 | 0.015 / - | 0.025 / 0.2 | 0.02 / 0.1 | 0.02 / 0.3 | 0.016 / - | 0.017 | 0.01 |
| Specific feed-through resistance | VDE 0303-T30 | IEC 93 | Ω x cm | moist | 10 ¹⁰ | 10 ¹² | 10 ¹¹ | 10 ¹² | 10 ¹² | 10 ¹² | 10 ¹⁵ | 10 ¹⁶ | 10 ¹⁵ |
| Surface resistivity | VDE 0303-T30 | IEC 93 | Ω | moist | 10 ¹⁰ | 10 ¹⁰ | 10 ¹⁰ | 10 ¹⁰ | 10 ¹⁰ | 10 ¹⁰ | 10 ¹⁴ | 10 ¹³ | 10 ¹⁵ |
| Tracking | VDE 0303-T1 | IEC 112 | CTI | | 600 | 600 | 550 | 600 | 550 | 600 | 325 | 200 | 225 |
| Service temperature RTI* | UL 746 B | | °C at 1.5 mm | | | 130 | 140 | 125 | 115 | 120 | 140 | 140 | 130 |
| Temperature index TI ** | VDE 0304 T.21 | IEC 216-1 | °C | | 120 / 80 | 100 / 80 | 185 / 160 | 118 / 101 | 157 / 139 | 123 / 107 | | 130 / 120 | |
| Lower service temperature without mechanical stress | | | °C | | -55 | -40 | -40 | -40 | -40 | -40 | -40 | -40 | -40 |
| Flammability | UL 94 | | Class/material thickness | | V0 | V2 / 1.5 | V2 / 0.8 | V2 / 0.4 | V0 / 0.8 | V0 / 0.4 | V0 / 1.5 | V0 / 0.5 | V0 / 1.04 |
| Suitability for tropical climates | | | | | good | good | good | good | good | good | good | good | good |

* electrical value
** based on 50% drop in ultimate tensile strength after 5000/20000 hours

Rated connection capacity and connectable conductor

Table 1 (EN 60999-1: 2000): Relation between rated connection capacity and conductor diameter

| Nominal connection capacity | Theoretical diameter of the largest conductor | | | | | | | Connectable conductor | |
|-----------------------------|---|-------|-------------------|-------|-----------|----------|----------|---|----------|
| | metric | | | | AWG | | | rigid | flexible |
| | rigid | | flexible | rigid | | flexible | | | |
| | mm ² | solid | stranded | mm | Wire size | solid | stranded | mm | |
| | | mm | mm | | | mm | mm | | mm |
| 0.2 | 0.51 | 0.53 | 0.61 | 24 | 0.54 | 0.61 | 0.64 | To be specified in the relevant product standard. | |
| 0.34 | 0.63 | 0.66 | 0.8 | 22 | 0.68 | 0.71 | 0.80 | | |
| 0.5 | 0.9 | 1.1 | 1.1 | 20 | 0.85 | 0.97 | 1.02 | | |
| 0.75 | 1.0 | 1.2 | 1.3 | 18 | 1.07 | 1.23 | 1.28 | | |
| 1.0 | 1.2 | 1.4 | 1.5 | – | – | – | – | | |
| 1.5 | 1.5 | 1.7 | 1.8 | 16 | 1.35 | 1.55 | 1.60 | | |
| 2.5 | 1.9 | 2.2 | 2.3 ^{a)} | 14 | 1.71 | 1.95 | 2.08 | | |
| 4.0 | 2.4 | 2.7 | 2.9 ^{a)} | 12 | 2.15 | 2.45 | 2.70 | | |
| 6.0 | 2.9 | 3.3 | 3.9 ^{a)} | 10 | 2.72 | 3.09 | 3.36 | | |
| 10.0 | 3.7 | 4.2 | 5.1 | 8 | 3.34 | 3.89 | 4.32 | | |
| 16.0 | 4.6 | 5.3 | 6.3 | 6 | 4.32 | 4.91 | 5.73 | | |

NOTE: The diameters of the largest rigid and flexible conductors are based on table 1 according to IEC 60 228A and IEC 60 344, and for AWG conductors on ASTM B 172-71 [4], ICEA Publication S-19-81 [5], ICEA Publication S-66-524 [6] and ICEA Publication S-66-516 [7].

^{a)} Dimensions only for flexible cables of Class 5 according to IEC 60 228A.
^{b)} Nominal diameter + 5%.
^{c)} Largest diameter for any of the three classes I, K, M, + 5%.

Wire connections.

Standard diameters of round copper wires AWG/metrical

Table 1 (EN 60947-1: 2007 + A1: 2011)

| Approximated relation between mm ² and AWG/kcmil sizes | | |
|---|----------------|---|
| Rated cross-section mm ² | AWG/kcmil size | Corresponding metrical diameter mm ² |
| 0.1* | 28 | 0.081 |
| 0.14* | 26 | 0.128 |
| 0.2 | 24 | 0.205 |
| 0.34 | 22 | 0.324 |
| 0.5 | 20 | 0.519 |
| 0.75 | 18 | 0.82 |
| 1 | – | – |
| 1.5 | 16 | 1.3 |
| 2.5 | 14 | 2.1 |
| 4 | 12 | 3.3 |
| 6 | 10 | 5.3 |
| 10 | 8 | 8.4 |
| 16 | 6 | 13.3 |
| 25 | 4 | 21.2 |
| 35 | 2 | 33.6 |
| – | 1 | 42.4 |
| 50 | 0 | 53.5 |
| 70 | 00 | 67.4 |
| 95 | 000 | 85.0 |
| – | 0000 | 107.2 |
| 120 | 250 kcmil | 127 |
| 150 | 300 kcmil | 152 |
| 185 | 350 kcmil | 177 |
| 240 | 500 kcmil | 253 |
| 300 | 600 kcmil | 304 |

* not standardized

Note: The dash, if it occurs, counts as a size with an assigned connection option (see 7.1.8.2)

Design and dimensions of solid, stranded, fine- and extra fine-stranded copper conductors

Excerpt from Table C.1 – Maximum diameters of round copper wires from VDE 0295: 2005

| Nominal cross-section mm ² | solid | | stranded | | fine-stranded | |
|---------------------------------------|-----------------------|-------------------|-----------------------|-------------------|-----------------------|-----------------------------------|
| | Diameter maximum dim. | Number of strands | Diameter maximum dim. | Number of strands | Diameter maximum dim. | Number of strands Reference value |
| 0.5 | 0.9 | 1 | – | – | 1.1 | 16 |
| 0.75 | 1.0 | 1 | – | – | 1.3 | 24 |
| 1 | 1.2 | 1 | – | – | 1.5 | 32 |
| 1.5 | 1.5 | 1 | – | – | 1.8 | 30 |
| 2.5 | 1.9 | 1 | – | – | 2.4 | 50 |
| 4 | 2.4 | 1 | – | – | 3.0 | 56 |
| 6 | 2.9 | 1 | – | – | 3.9 | 84 |
| 10 | 3.7 | 1 | 4.2 | 7 | 5.1 | 80 |
| 16 | 4.6 | 1 | 5.3 | 7 | 6.3 | 126 |

Current-carrying capacity of cables or wires

Recommended current-carrying capacity for sheathed and nonsheathed cables for fixed wirings in and around buildings and for flexible cables and cords can be found in DIN VDE 0298 part 4/06.2013.

Tightening torques for screw connections.

Tightening torques for screw connections.

Excerpt from EN 60947-1: 2007 + A1:2011

Tightening torques required for proof of the mechanical strength of screw connections

Table 4: **Tightening torques required for proof of the mechanical strength of screw connections**

| Thread diameter (mm) | | | | Tightening torque (Nm) | | |
|------------------------|----------------|----|------|------------------------|-----|------|
| Metric standard values | Diameter range | | | I | II | III |
| 1.6 | ≤ 1.6 | | | 0.05 | 0.1 | 0.1 |
| 2.0 | > 1.6 | to | 2.0 | 0.1 | 0.2 | 0.2 |
| 2.5 | > 2.0 | to | 2.8 | 0.2 | 0.4 | 0.4 |
| 3.0 | > 2.8 | to | 3.0 | 0.25 | 0.5 | 0.5 |
| – | > 3.0 | to | 3.2 | 0.3 | 0.6 | 0.6 |
| 3.5 | > 3.2 | to | 3.6 | 0.4 | 0.8 | 0.8 |
| 4 | > 3.6 | to | 4.1 | 0.7 | 1.2 | 1.2 |
| 4.5 | > 4.1 | to | 4.7 | 0.8 | 1.8 | 1.8 |
| 5 | > 4.7 | to | 5.3 | 0.8 | 2.0 | 2.0 |
| 6 | > 5.3 | to | 6.0 | 1.2 | 2.5 | 3.0 |
| 8 | > 6.0 | to | 8.0 | 2.5 | 3.5 | 6.0 |
| 10 | > 8.0 | to | 10.0 | – | 4.0 | 10.0 |
| 12 | > 10 | to | 12 | – | – | 14.0 |
| 14 | > 12 | to | 15 | – | – | 19.0 |
| 16 | > 15 | to | 20 | – | – | 25.0 |
| 20 | > 20 | to | 24 | – | – | 36.0 |
| 24 | > 24 | | | – | – | 50.0 |

Column I: Applies to headless screws that do not protrude from the thread hole, and to screws that can only be fastened with screw drivers with a tip smaller than the thread core diameter.

Column II: Applies to nuts and screws that are fastened with screw drivers.

Column III: Applies to nuts and screws that are fastened with tools other than screw drivers.

Explanatory notes on standards – insulation coordination.

Insulation coordination

The recommended torques were determined in order to provide optimal conditions for the mechanical, thermal and electrical requirements within a practice-oriented tolerance range.

Additionally increasing the tightening torque of the terminal screw will not lead to significant improvements of the contact resistance. It is therefore recommended to refrain from tightening terminal screws with a higher torque than prescribed, although most Wieland terminals, particularly the DIN rail terminal blocks of the WK series, will withstand much higher tightening torques.

When exceeding the upper tolerance limit, the conductor and/or terminal can be damaged in extreme cases.

Insulation coordination for electrical equipment within low-voltage systems DIN EN 60664-1 (VDE 0110-1: 2008-01); (IEC 60664-1: 2007)

1 Area of application

This part of IEC 60664 contains definitions of insulation coordination for equipment in low-voltage systems. It applies to equipment used at a height of up to 2,000 m above sea level (NN) and with a rated alternated voltage of up to 1,000 V with nominal frequencies up to 30 kHz, or with a rated direct voltage up to 1,500 V.

It determines the requirements for clearances, creepage distances, and solid insulations of equipment based on their performance characteristics. Procedures for voltage testing regarding insulation coordination are also included.

The minimum clearances stipulated in this standard do not apply where ionized gases occur. Special requirements for such cases may be determined at the discretion of the responsible technical committee.

This standard does not cover clearances/distances

- due to liquid insulation
- due to gases other than air
- due to compressed air.

Note 1: Insulation coordination for electrical equipment within low-voltage systems with rated frequencies over 30 kHz are covered in IEC 60664-4.

Note 2: Higher voltages are permitted in internal equipment circuits.

Note 3: Requirements for heights above 2,000 m can be derived from Table A.2 of Appendix A.

This basic safety standard is to show technical committees responsible for the individual pieces of equipment how to achieve insulation coordination.

It summarizes required information as a guideline for technical committees to help determine clearances, creepage distances and solid insulations for equipment.

Product descriptions and labels

There are currently a number of equipment definitions where the rules of insulation coordination have not been incorporated yet. In addition, there are transition periods of up to five years for revised standards to replace older standards. This means that in the foreseeable future there will be products designed and labeled in accordance with the old dimensioning rules existing side by side with products designed in accordance with the rules of insulation coordination.

For this reason, we will state the dimensioning rules in accordance with the old and the new rules, wherever possible and applicable. A revision and modification of the labels of existing products will be made in the transition period following economic considerations.

Explanatory notes on standards – insulation coordination.

Indication of rated values

Rated voltage/rated impulse voltage/pollution degree e.g. 800 V/8 kV/3.

In this indication, the rated impulse voltage is positioned before the overvoltage category. The user can therefore choose the overvoltage category suitable in his case. The voltage values refer to overvoltage category III and pollution degree 3, if no rated impulse voltage is stated.

The stated wire strip lengths must be strictly observed, and when connecting the wires it must be made sure that the insulation is as close as possible to the metal terminal to avoid any decrease of creepage distances and clearances.

4.3.3.2 Overvoltage categories

4.3.3.2.1 General

The concept of overvoltage categories is applied to equipment directly fed by low-voltage systems. The overvoltage categories are based on probabilistic considerations rather than on an actual decrease of overvoltages during the installation.

Note 1: This concept of overvoltage categories is implemented in Section 443 of IEC 60364-4-44.

Note 2: The term overvoltage category in this standard is equivalent to the term impulse withstand voltage category used in Section 443 of IEC 60364-4-44.

A similar concept can be applied to equipment connected to other systems, e.g. telecommunication or data networks.

4.3.3.2.2 Equipment supplied directly from the low-voltage system

Technical committees have to define the overvoltage category based on the following general explanations of the overvoltage categories (see also IEC 60364-4-443):

– Equipment of **overvoltage category IV** is equipment for use at the point of connection of the installation.

Note 1: Examples for this type of equipment are electricity meters and primary overcurrent protection devices.

– Equipment of **overvoltage category III** is equipment in fixed installations and for cases with special requirements in terms of reliability and availability of the equipment.

Note 2: Examples for this type of equipment are switches in fixed installations and equipment for industrial use with continuous connection to the fixed installation.

– Equipment of **overvoltage category II** is energy consuming equipment that is supplied by the fixed installation.

Note 3: Examples for this type of equipment are household appliances, portable tools, and other domestic appliances as well as similar appliances. If such equipment needs to fulfil special requirements in terms of reliability and availability of the equipment, however, overvoltage category III must be applied

– Equipment of **overvoltage category I** is equipment for connection to a circuit with measures to limit the transient overvoltages to a suitable low value.

These measures must ensure that possible temporary overvoltages are limited so that the peak values will not exceed the relevant rated surge voltages given in Table 1.

Note 4: Examples for this type of equipment are types with electronic circuits and according protection level, for further information see the note in 4.2.5.

Note 5: If the circuits are not dimensioned for the temporary overvoltages, overvoltage category I equipment cannot be connected directly to the low-voltage system.

Explanatory notes on standards – insulation coordination.

4.3.3.2.3 Systems and equipment not directly supplied from the low-voltage system

It is recommended that technical committees define suitable overvoltage categories or corresponding rated impulse voltages; and to use the preferred row in 4.2.3.

Note 1: Examples for this type of systems are communication or industrial control systems or independent systems on vehicles.

4.6 Pollution

4.6.1 General

The micro environment determines the influence of pollution on the insulation. The macro environment, however, must also be taken into consideration when reviewing the micro environment.

Encasements (housings), enclosures or air-tight sealings can be measures to decrease pollution on the inspected insulation. These pollution-reducing measures may become ineffective, if the equipment is subject to condensation or if the pollution is caused by the equipment itself during normal operation.

Small clearances can be completely bridged by particles, dust, or water. Therefore minimum clearances are defined, if pollution may be present in the micro environment.

Note 1: Pollution becomes conductive when under the influence of moisture. Pollution caused by water deposition, soot, and metal or coal dust is always conductive.

Note 2: Conductive pollution caused by ionized gases and metal depositions is only created in certain cases, e.g. in arc chambers of switch and control gear. It is not covered by this part of IEC 60664.

4.6.2 Pollution degrees of the micro environment

The following four pollution degrees for the micro environment are defined to determine clearances and creepage distances:

- **Pollution degree 1** There is no or only dry, non-conductive pollution. The pollution has no effect.
- **Pollution degree 2** There is only non-conductive pollution. Occasional transient conductivity due to moisture condensation must be taken into account.
- **Pollution degree 3** Conductive pollution occurs or dry, non-conductive pollution that is expected to be conductive due to condensation.
- **Pollution degree 4** There is constant conductivity caused by conductive dust, rain or wetness.

4.8.1.3 Insulation material groups

This standard divides insulation materials into four groups, based on their CTI values that were calculated in accordance with IEC 60112 using Solution A.

These are:

| | |
|---------------------------------|-------------------------------|
| Insulation material group I: | $600 \leq \text{CTI}$; |
| Insulation material group II: | $400 \leq \text{CTI} < 600$; |
| Insulation material group IIIa: | $175 \leq \text{CTI} < 400$; |
| Insulation material group IIIb: | $100 \leq \text{CTI} < 175$. |

The proof tracking index (PTI) is used to verify the tracking properties of insulation materials. An insulation material may be classified into one of these four groups, provided that its PTI, which was determined in accordance with the procedure in IEC 60112 using Solution A, is not smaller than the lower limit for this group.

Explanatory notes on standards – insulation coordination.

Derivating the rated impulse voltage from the overvoltage category and assigning the nominal mains voltage to the rated impulse voltages for equipment

DIN EN 60664-1/VDE 0110 part 1:2008-01

Table F.1: **Rated impulse voltage for equipment that is directly fed by the low-voltage system**

| Nominal voltage of the power supply system ¹⁾ (mains) in accordance with IEC 60038 ³⁾ | | Voltage from phase to neutral, derived from the nominal alternating or direct voltage up to and including | Rated impulse voltage ²⁾ | | | |
|--|-------------------|---|-------------------------------------|---------|----------|---------|
| Three-phase V | Single-phase V | | Overvoltage category ⁴⁾ | | | |
| | | V | I V | II V | III V | IV V |
| | | 50 | 330 | 500 | 800 | 1500 |
| | | 100 | 500 | 800 | 1500 | 2500 |
| | | 120 – 240 | 800 | 1500 | 2500 | 4000 |
| 230/400 277/480 | | 300 | 1500 | 2500 | 4000 | 6000 |
| 400/690 | | 600 | 2500 | 4000 | 6000 | 8000 |
| 1000 | | 1000 | 4000 | 6000 | 8000 | 12000 |

¹⁾ For information on how to apply on existing, different low-voltage systems and their nominal voltages see Appendix B.
²⁾ Equipment with this rated impulse voltage may be used in installations in accordance with IEC 60364-4-44.
³⁾ The / slash indicates a three-phase-4-wire system. The lower value is the voltage from phase to neutral, while the higher value is the voltage from phase to phase. Where only value is given, it refers to three-phase-3-wire systems and indicates the voltage from phase to phase.
⁴⁾ For explanations on overvoltage categories see 4.3.3.2.2.
⁵⁾ The value of the rated impulse voltage, however, is derived from the phase to neutral columns for a voltage of 150 V (see Appendix B).

Explanatory notes on standards – insulation coordination.

Clearance dimensioning DIN EN 60664-1/VDE 0110-1: 2008-01

Table F.2: Clearances for transient overvoltages

| Required impulse withstand voltage ^{1) 5)} kV | Minimum clearances up to heights of 2,000 m above NN | | | | | |
|---|--|----------------------|-------------------|--|----------------------|-------------------|
| | Condition A – inhomogeneous field (see 3.15) | | | Condition B – homogeneous field (see 3.14) | | |
| | Pollution degree ⁶⁾ | | | Pollution degree ⁶⁾ | | |
| | 1 mm | 2 mm | 3 mm | 1 mm | 2 mm | 3 mm |
| 0.33 ²⁾ | 0.01 | 0.2 ^{3) 4)} | 0.8 ⁴⁾ | 0.01 | 0.2 ^{3) 4)} | 0.8 ⁴⁾ |
| 0.40 | 0.02 | | | 0.02 | | |
| 0.50 ²⁾ | 0.04 | | | 0.04 | | |
| 0.60 | 0.06 | | | 0.06 | | |
| 0.80 ²⁾ | 0.10 | | | 0.10 | | |
| 1.0 | 0.15 | | | 0.15 | | |
| 1.2 | 0.25 | | | 0.2 | | |
| 1.5 ²⁾ | 0.5 | 0.5 | 0.3 | 0.3 | | |
| 2.0 | 1.0 | 1.0 | 1.0 | 0.45 | 0.45 | |
| 2.5 ²⁾ | 1.5 | 1.5 | 1.5 | 0.60 | 0.60 | |
| 3.0 | 2.0 | 2.0 | 2.0 | 0.80 | 0.80 | |
| 4.0 ²⁾ | 3.0 | 3.0 | 3.0 | 1.2 | 1.2 | 1.2 |
| 5.0 | 4.0 | 4.0 | 4.0 | 1.5 | 1.5 | 1.5 |
| 6.0 ²⁾ | 5.5 | 5.5 | 5.5 | 2.0 | 2.0 | 2.0 |
| 8.0 ²⁾ | 8.0 | 8.0 | 8.0 | 3.0 | 3.0 | 3.0 |
| 10 | 11 | 11 | 11 | 3.5 | 3.5 | 3.5 |
| 12 ²⁾ | 14 | 14 | 14 | 4.5 | 4.5 | 4.5 |
| 15 | 18 | 18 | 18 | 5.5 | 5.5 | 5.5 |
| 20 | 25 | 25 | 25 | 8.0 | 8.0 | 8.0 |
| 25 | 33 | 33 | 33 | 10 | 10 | 10 |
| 30 | 40 | 40 | 40 | 12.5 | 12.5 | 12.5 |
| 40 | 60 | 60 | 60 | 17 | 17 | 17 |
| 50 | 75 | 75 | 75 | 22 | 22 | 22 |
| 60 | 90 | 90 | 90 | 27 | 27 | 27 |
| 80 | 130 | 130 | 130 | 35 | 35 | 35 |
| 100 | 170 | 170 | 170 | 45 | 45 | 45 |

- ¹⁾ This voltage is
 - for functional insulation: the highest expected impulse voltage at the clearance (see 5.1.5);
 - for basic insulation influenced directly or indirectly by transient overvoltages from the low-voltage system (see 4.3.3.3, 4.3.3.4.1, and 5.1.6): the rated impulse voltage of the equipment;
 - for other basic insulation (see 4.3.3.4.2): the highest impulse voltage that can occur in the circuit. For reinforced insulation see 5.1.6.
- ²⁾ Preferred values, as defined in 4.2.3.
- ³⁾ For circuit boards, the values of pollution degree 1 apply, provided the value does not fall below 0.04 mm, as defined in Table F.4.
- ⁴⁾ The minimum clearances for pollution degrees 2 and 3 are based on the stability of the related creepage distances that is reduced by the influence of moisture (see IEC 60664-5).
- ⁵⁾ Values may be interpolated for parts or circuits within equipment that has to endure impulse voltages corresponding to 4.3.3.4.2. By using the preferred columns of values from 4.2.3, however, standardization is achieved.
- ⁶⁾ The clearances for pollution degree 4 are equivalent to pollution degree 3, provided the minimum clearance is 1.6 mm.

Table A.2: Height correction factors

| Height m | Normal air pressure kPa | Multiplication factor for clearances |
|----------|-------------------------|--------------------------------------|
| 2000 | 80.0 | 1.00 |
| 3000 | 70.0 | 1.14 |
| 4000 | 62.0 | 1.29 |
| 5000 | 54.0 | 1.48 |
| 6000 | 47.0 | 1.70 |
| 7000 | 41.0 | 1.95 |
| 8000 | 35.5 | 2.25 |
| 9000 | 30.5 | 2.62 |
| 10000 | 26.5 | 3.02 |
| 15000 | 12.0 | 6.67 |
| 20000 | 5.5 | 14.50 |

Explanatory notes on standards – insulation coordination.

Nominal voltage of the low-voltage system

DIN EN 60664/VDE 0110-1: 2008-01

Table F.3a: **Single-phase 3- or 2-wire alternating or direct voltage systems**

| Nominal voltage of the power supply system (mains) *) V | Voltages for Table F.4 | |
|--|---|---|
| | for insulation phase-to-phase ¹⁾ | for insulation phase-to-ground ¹⁾ |
| | All systems V | 3-wire systems Neutral point grounded V |
| 12.5 | 12.5 | |
| 24 | | |
| 25 | 25 | |
| 30 | 32 | |
| 42 | | |
| 48 | | |
| 50**) | 50 | |
| 60 | 63 | |
| 30 – 60 | 63 | 32 |
| 100**) | 100 | |
| 110 | 125 | |
| 120 | | |
| 150**) | 160 | |
| 200 | 200 | |
| 100 – 200 | 200 | 100 |
| 220 | 250 | |
| 110 – 220 | | |
| 120 – 240 | 250 | 125 |
| 300**) | 320 | |
| 220 – 440 | 500 | 250 |
| 600**) | 630 | |
| 480 – 960 | 1000 | 500 |
| 1000**) | 1000 | |

¹⁾ Phase-to-ground insulation levels for ungrounded or impedance-grounded systems are equal to phase-to-phase levels as the operating voltage of every phase to the ground can actually achieve the phase-to-phase voltage. The reason for this is that the real voltage to earth is determined by the insulation resistance and by the capacitive reactance of every line to earth; so a low (but permissible) insulation resistance of a phase can effectively ground the phase and lift the other two to phase-to-phase voltage to earth.

*) For information on the correlation with the rated voltage see 4.3.2.

***) These values are equivalent to the values from Table F.1.

Table F.3b: **Three-phase 4- or 3-wire alternating voltage systems**

| Nominal voltage of the power supply system (mains) *) V | Voltages for Table F.4 | | |
|--|----------------------------|---|--|
| | for insulation phase-phase | for insulation phase-ground | |
| | All systems V | Three-phase-4-wire systems with grounded neutral ²⁾ V | Three-phase-3-wire systems ungrounded ¹⁾ or conductor grounded V |
| 60 | 63 | 32 | 63 |
| 110 | | | |
| 120 | 125 | 80 | 125 |
| 127 | | | |
| 150**) | 160 | – | 160 |
| 200 | 200 | | 200 |
| 208 | 200 | 125 | 200 |
| 220 | | | |
| 230 | 250 | 160 | 250 |
| 240 | | | |
| 300**) | 320 | – | 320 |
| 380 | | | |
| 400 | 400 | 250 | 400 |
| 415 | | | |
| 440 | 500 | 250 | 500 |
| 480 | | | |
| 500 | 500 | 320 | 500 |
| 575 | 630 | 400 | 630 |
| 600**) | 630 | – | 630 |
| 660 | | | |
| 690 | 630 | 400 | 630 |
| 720 | | | |
| 830 | 800 | 500 | 800 |
| 960 | 1000 | 630 | 1000 |
| 1000**) | 1000 | – | 1000 |

¹⁾ Phase-to-ground insulation levels for ungrounded or impedance-grounded systems are equal to phase-to-phase levels as the operating voltage of every phase to the ground can actually achieve the phase-to-phase voltage. The reason for this is that the real voltage to earth is determined by the insulation resistance and by the capacitive reactance of every line to earth; so a low (but permissible) insulation resistance of a phase can effectively ground the phase and lift the other two to phase-to-phase voltage to earth.

²⁾ For equipment that is used in three-phase-4-wire systems as well as in three-phase-3-wire systems, and grounded as well as ungrounded, only the values for 3-wire systems shall be used.

*) For information on the correlation with the rated voltage see 4.3.2.

***) These values are equivalent to the values from Table F.1.

Explanatory notes on standards – degrees of protection.

Types of protection according to DIN EN 60529/ VDE 0470-1: 2000 – 09 (IEC 60529: 1989, +A1: 1999)

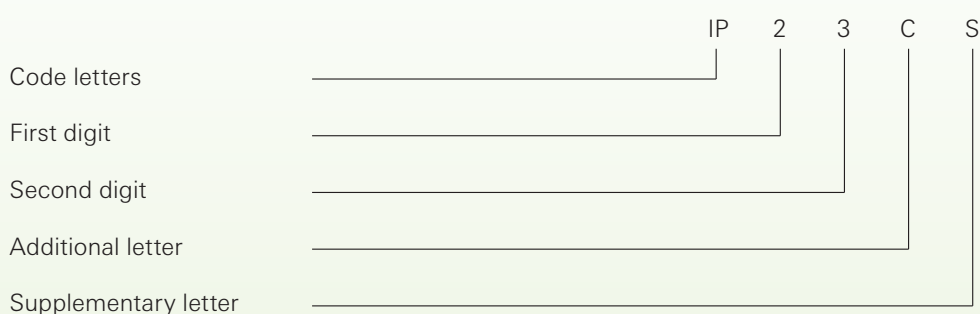
Connection materials like DIN rail terminal blocks, connecting terminals, PC board terminals, connectors, etc., that are used for installation inside equipment and systems, do not provide an enclosure with protection against accidental contact as defined by this standard. Therefore, no IP type of protection can be assigned.

The insulation part serves primarily as a functional insulation, but in addition it may provide protection against direct contact of live parts, e.g. by protecting fingers and/or back of the hands. The surface of the insulation part is not considered safe for contact.

The final contact protection is achieved by installation measures and by the outer encasement of the terminal equipment or the system.

Rating examples with the IP code

IP code using optional letters



An enclosure with this rating (IP code)

- 2 – protects persons against access of their fingers to hazardous parts;
– protects equipment within the enclosure against ingress of solid foreign objects with a diameter of 12.5 mm and more;
- 3 – protects equipment within the enclosure against harmful effects by water sprayed against the enclosure;
- C – protects persons handling tools with a diameter of 2.5 mm and more and a maximum length of 100 mm against access to hazardous parts (the tool can intrude into the enclosure with its full length);
- S – is tested for harmful ingress of water while all parts of the equipment are in standstill.

Explanatory notes on standards – degrees of protection.

IP code components and their meaning

A short description of the IP code components is given in the following table.

| Component: | Numbers or letters | Indicates the protection degree of equipment : | Indicates the protection degree of persons : |
|---|--------------------|--|--|
| Code letters | IP | – | – |
| First digit | | Against ingress of solid foreign objects (not protected) | Against access to hazardous parts with (not protected) |
| | 0 | ≥ 50 mm diameter | Back of hand |
| | 1 | ≥ 12.5 mm diameter | Finger |
| | 2 | ≥ 2.5 mm diameter | Tools |
| | 3 | ≥ 1.0 mm diameter | Wire |
| | 4 | Dust protected | Wire |
| | 5 | Dust tight | Wire |
| Second digit | | Against harmful ingress of water (not protected) | |
| | 0 | Dripping water | |
| | 1 | Dripping water (when tilted up to 15°) | |
| | 2 | Spraying water | |
| | 3 | Splashing of water | |
| | 4 | Water jets | |
| | 5 | Powerful water jets | |
| | 6 | Temporary immersion in water | |
| in accordance with IEC 60529: Ed. 2.2:2013-08 | 9 | Permanent submersion in water | |
| Additional letter (optional) | | – | Against access to hazardous parts with |
| | A | | Back of hand |
| | B | | Finger |
| | C | | Tools |
| Supplementary letter (optional) | | Additional information particularly for | – |
| | H | high-voltage equipment | |
| | M | Device moving during water test | |
| | S | Device standing still during water test | |
| | W | Weather conditions | |

Table 1: **Types of protection against access to hazardous parts, indicated by the first digit**

| First digit | Degree of protection | |
|-------------|---|--|
| | Brief description | Definition |
| 0 | Not protected | – |
| 1 | Protected against access to hazardous parts with the back of a hand | The access probe, a sphere 50 mm diameter, shall have adequate clearance from hazardous parts |
| 2 | Protected against access to hazardous parts with a finger | The jointed test finger, 12 mm in diameter and 80 mm in length, shall have adequate clearance from hazardous parts |
| 3 | Protected against access to hazardous parts with a tool | The access probe of 2.5 mm in diameter shall not penetrate |
| 4 | Protected against access to hazardous parts with a wire | The access probe of 1.0 mm in diameter shall not penetrate |
| 5 | Protected against access to hazardous parts with a wire | The access probe of 1.0 mm in diameter shall not penetrate |
| 6 | Protected against access to hazardous parts with a wire | The access probe of 1.0 mm in diameter shall not penetrate |

Note: For the first digits 3, 4, 5, 6, protection against access to hazardous parts is fulfilled, if adequate clearance is maintained. As the requirements of Table 2 also have to be met, the definition “shall not penetrate” was given in Table 1.

Explanatory notes on standards – degrees of protection.

Table 2: **Degrees of protection against solid foreign objects**

| First digit | Degree of protection | |
|-------------|--|---|
| | Brief description | Definition |
| 0 | Not protected | – |
| 1 | Protected against solid foreign objects of 50 mm diameter and more | The object probe, a sphere 50 mm diameter, shall not fully penetrate ^{*)} |
| 2 | Protected against solid foreign objects of 12.5 mm diameter and more | The object probe, a sphere 12.5 mm diameter, shall not fully penetrate ^{*)} |
| 3 | Protected against solid foreign objects of 2.5 mm diameter and more | The object probe of 2.5 mm in diameter shall not penetrate at all ^{*)} |
| 4 | Protected against solid foreign objects of 1.0 mm diameter and more | The object probe of 1.0 mm in diameter shall not penetrate at all ^{*)} |
| 5 | Dust protected | Ingress of dust is not totally prevented, but dust shall not penetrate in a quantity sufficient to interfere with satisfactory operation of the apparatus or to impair safety |
| 6 | Dust tight | No ingress of dust |

^{*)} **Note:** The full diameter of the object probe shall not pass through the opening of the enclosure.

Table 4: **Types of protection against access to hazardous parts, denoted by the additional letter**

| First digit | Degree of protection | | Test conditions See section |
|-------------|--|--|--------------------------------|
| | Brief description | Definition | |
| A | Protected against access with the back of the hand | The access probe, a sphere 50 mm diameter, shall have adequate clearance from hazardous parts | 15.2 |
| B | Protected against access with a finger | The jointed test finger, 12 mm in diameter and 80 mm in length, shall have adequate clearance from hazardous parts | 15.2 |
| C | Protected against access with a tool | The access probe, 2.5 mm in diameter and 100 mm in length, shall have adequate clearance from hazardous parts | 15.2 |
| D | Protected against access with a wire | The access probe, 1.0 mm in diameter and 100 mm in length, shall have adequate clearance from hazardous parts | 15.2 |

Explanatory notes on standards – degrees of protection.

Table 3: Degree of protection against ingress of water, denoted by the second digit

| Second digit | Degree of protection | |
|--------------|--|---|
| | Brief description | Definition |
| 0 | Not protected | – |
| 1 | Protected against vertically falling drops | Vertically falling drops shall have no harmful effect |
| 2 | Protected against vertically falling water drops when the enclosure is tilted at any angle up to 15° | Vertically falling water drops shall have no harmful effects when the enclosure is tilted at any angle up to 15° on either side of the vertical |
| 3 | Protected against spraying water | Water sprayed at any angle up to 60° on either side of the vertical shall have no harmful effects |
| 4 | Protected against splashing water | Water splashed against the enclosure from any direction shall have no harmful effects |
| 5 | Protected against water jets | Water projected in jets against the enclosure from any direction shall have no harmful effects |
| 6 | Protected against powerful water jets | Water projected in strong jets against the enclosure from any direction shall have no harmful effects |
| 7 | Protected against the effects of temporary immersion in water | Ingress of water in quantities causing harmful effects shall not be possible when the enclosure is temporarily immersed in water under standardized conditions of pressure and time |
| 8 | Protected against the effects of continuous immersion in water | Ingress of water in quantities causing harmful effects shall not be possible when the enclosure is continuously immersed in water under conditions agreed between the manufacturer and user but which are more severe than for digit 7. |

Degree of protection against ingress of water, denoted by the second digit

The second digit indicates the level of protection that the enclosure provides against harmful ingress of water into the equipment.

Table 3 shows brief descriptions and definitions for the protection degrees represented by the second digit.

Degrees of protection listed in this table shall only be defined by the second digit and not by referring to the brief description or definition.

Up to the second digit 6, the rating indicates that all requirements for lower numbers are also fulfilled.

An enclosure only denoted with the second digit 7 or 8 is deemed unsuitable to resist water jets (denoted by the second digit 5 or 6) and does not have to fulfil the requirements of levels 5 or 6, unless it is given a double rating according to the following table:

Explanatory notes on standards – degrees of protection.

| The enclosure fulfils the test for | | | |
|------------------------------------|--|------------------|---------------|
| Water jets Second digit | Permanent/temporary submersion in water Second digit | Rating and label | Scope |
| 5 | 7 | IPX5 / IPX7 | multi-purpose |
| 6 | 7 | IPX6 / IPX7 | multi-purpose |
| 5 | 8 | IPX5 / IPX8 | multi-purpose |
| 6 | 8 | IPX6 / IPX8 | multi-purpose |
| | 7 | IPX7 | restricted |
| | 8 | IPX8 | restricted |

Enclosures for “multi-purpose” use, as indicated in the last column, shall fulfil the requirements when required to resisting water jets, but also when subjected to temporary or permanent immersion in water.

Enclosures for “restricted” use, as indicated in the last column, are deemed suitable only for temporary or permanent immersion in water and as unsuitable when having to resist water jets.

Explanatory notes on standards – protection against electric shock.

DIN EN 50274/VDE 0660-514

Protection against electric shock – Protection against unintentional direct contact with hazardous live parts

This standard, that is quoted in **accident prevention regulation (Unfallverhütungsvorschrift) BGV A3**, is considered the basis for the design of electric equipment up to 1000 V z (1500 V z) regarding the protection against direct contact in cases when operating devices are near parts subject to hazardous contact and where these parts are handled by at least electrotechnically trained personnel (occasional handling).

For this, a protection compartment is determined, into which the operator has to reach for actuating the part (switches, push-buttons, knobs, etc.) when “occasionally handling” it. For the base area of this protection compartment, the following clearances are defined and required:

- 30 mm around the actuated part for “finger protection” and
- 100 mm around the actuated part for “protection of back of hand”.

BGV A3 addresses installers and/or the operating company of the electrical equipment to design, build and finally operate the system according to the accident prevention regulations. The installer must choose electrical equipment taking into account these requirements and provide accessory for its safe use, if necessary. Only the installer can confirm his system is conforming with BGV A3.

Wieland develop, build, and test their products in accordance with the relevant equipment and safety regulations that are also contained in BGV A3, and in addition offers various accessories fulfilling these requirements.

Standards – for electrotechnical products.

The DIN VDE 0100 range of standards

Erection of low voltage installations up to 1000 V

This VDE regulation is an erection regulation, but also contains important information for the manufacturer of equipment and construction elements, e.g. admissible wire loads, assignment of fuses, use of ground blocks and neutral disconnect blocks.

DIN EN 50110-1/VDE 0105 part 1: 2005-06

Operation of electrical installations

DIN EN 60664-1/VDE 0110 part 1: 2008-01

(IEC 60664-1: 2007), (German version EN 60664-1:2007)

Insulation coordination for electrical equipment within low-voltage systems
– Principles, requirements and tests

DIN EN 60204-1/VDE 0113 part 1: 2007-06

(IEC 60204-1: 2005)

Electrical equipment of machines
– Part 1: General requirements

DIN EN 61140/VDE 140 part 1: 2007-03

Protection against electric shock - Common aspects for installation and equipment

DIN EN 50178/VDE 0160: 1998-04

Electronic equipment for use in power installations

DIN IEC 60038/VDE 0175-1: 2012-04

IEC standard voltages

DIN EN 60529: VDE 0470 part 1: 2000-09

(IEC 60529: 1989, +A1: 1999)

Degrees of protection provided by enclosures (IP code)

DIN VDE 0606-1/VDE 0606 part 1: 2000-10

Connecting materials up to 690 V

– Installation boxes for accommodation of equipment and/or connecting terminals

DIN EN 61535 (VDE 0606-200): 2013-08

Installation couplers intended for permanent connection in fixed installations

E-DIN VDE 0606-201/VDE 0606 part 201: 2004-09

Installation material intended for permanent connection in fixed installations

Part 201: Electrical connectors for prefabricated components

DIN EN 60999: VDE 0609 part 1: 2000-12

(IEC 60999: 1999), German Version EN 60999-1: 2000

Connecting devices - Electrical copper conductors from 0.2 mm² up to 35 mm²;
Safety requirements for screw-type and screwless-type clamping units

DIN EN 60999-2/VDE 0609 part 101: 2004-04

(IEC 60999-2: 2003), German version EN 60999-2: 2003

Connecting devices - Electrical copper conductors from 35 mm² up to 300 mm²;
Safety requirements for screw-type and screwless-type clamping units

DIN EN 60998-1/VDE 0613-1: 2005-03

(IEC 60998-1: 1990, modified)

Connecting devices for low-voltage circuits for household and similar purposes
Part 1: General requirements

Standards – for electrotechnical products.

DIN EN 60998-2-1/VDE 0613 part 2-1: 2005-03

(IEC 60998-2-1: 1990, modified)

Connecting devices for low-voltage circuits for household and similar purposes

Part 2-1: Particular requirements for connecting devices as separate entities with screw-type clamping units

DIN EN 60998-2-3/VDE 0613 part 2-2: 2005-03

(IEC 60998-2-2: 1991)

Connecting devices for low-voltage circuits for household and similar purposes

Part 2-2: Particular requirements for connecting devices as separate entities with screwless-type clamping units

DIN EN 60998-2-3/VDE 0613 part 2-3: 2005-03

(IEC 60998-2-3: 1991)

Connecting devices for low-voltage circuits for household and similar purposes

Part 2-3: Particular requirements for connecting devices as separate entities with insulation-piercing clamping units

DIN EN 61210/VDE 0613 part 6: 2011-06

(IEC 61210: 2010 modified)

Connecting devices – Electrical copper conductors

DIN EN 60320-1/VDE 0625 part 1: 2008-05

(IEC 60320-1: 2001)

Appliance couplers for household and similar general purposes

– Part 1: General requirements

DIN EN 60320-2-2/VDE 0625 part 2-2: 1999-09

(IEC 60320-2-2: 1998)

Appliance couplers for household and similar general purposes

Part 2-2: Interconnection couplers for household and similar equipment

DIN EN 60799/VDE 0626: 1999-06

(IEC 60799: 1998)

Cord sets and interconnection cord sets

DIN EN 61984/VDE 0627: 2009-11

(IEC 61984: 2008)

Connectors - Safety requirements and tests

DIN EN 60947-1/VDE 0660 part 100: 2011-10

(IEC 60947-1: 2007), German version EN 60947-1: 2007

Low-voltage switchgear and controlgear

Part 1: General rules

DIN EN 61439-1/VDE 0660-600-1: 2010-06

Low-voltage switchgear and controlgear

Part 1: General rules (IEC 61439-1:2009, modified)

DIN EN 61439-2/VDE 0660-600-2: 2012-06

Low-voltage switchgear and controlgear assemblies

– Part 2: Power switchgear and controlgear assemblies (IEC 61439-1: 2011)

Standards – for electrotechnical products.

DIN EN 50274/VDE 0660 part 514: 2002-11

Protection against electric shock

Protection against unintentional direct contact with hazardous live parts

DIN EN 60335-1/VDE 0700-1: 2012-10

(IEC 60325-1: 2010, modified)

Household and similar electrical appliances - Safety

Part 1: General requirements (modifications)

DIN EN 60598-1/VDE 0711 part 1: 2009-09

(IEC 60598-1: 2008, modified), German version EN 60598-1: 2008 + A11: 2009

Luminaires

Part 1: General requirements and tests

DIN EN 60127-2/VDE 0820 part 2: 2011-04

(IEC 60127-2: 2003 + A1: 2003)

Miniature fuses

DIN EN 60512-5-2: 01.03

Tests and measurements;

Test 5b: Current-temperature derating

DIN EN 60715: 05.01/DIN EN 60715: 2001-09

(IEC 60715: 1981 + A1: 1995), German version EN 60715: 01

Dimensions of low-voltage switchgear and controlgear

– Standardized mounting on rails for mechanical support of electrical devices in switchgear and controlgear installations

List of approval and testing authorities, certification marks, and testing laboratories

| | | |
|---|-------------|--|
|  | DEKRA | DEKRA EXAM GmbH (BAS) |
| BSI | BSI | British Standards Institution, England |
|  | BBJ | Biuro Badawcze ds. Jakosci, Poland |
| BV | BV | Bureau Veritas, France |
|  | CSA | Canadian Standards Association, Canada |
| | AU | Chief Electrical Inspector, Victoria, Australia |
| | AU-DFT | Department of Fair Trading, NSW Consumer Protection Agency, Australia |
|  | CEBEC | Comite Electrotechnique Belge, Belgium |
|  | DEMKO | Danmarks Elektriske Materielkontrol, Denmark |
|  | DNV | Det Norske Veritas, Norway |
|  | ESTI | Eidgenössisches Starkstrominspektorat, Switzerland |
| EIBA | EIBA | European Installation Bus Association sc, Belgium |
|  | FIMKO | Electrical Inspectorate, Finland |
|  | GL | Germanischer Lloyd, Germany |
|  | GS | Geprüfte Sicherheit, Germany |
|  | IMQ | Instituto Italiano del Marchio di Qualita, Italy |
|  | KEMA | Keuring van Elektrotechnische Materialen, Netherlands, KEMA-ATEX |
| LCIE | LCIE-EEX | Laboratoire Central des Industries Electriques, France |
|  | LGA | Landesgewerbeanstalt Bayern, Germany |
|  | LR | Lloyd's Register of Shipping, United Kingdom |
|  | NEMKO | Norges Elektriske Materieilkontroll, Norway |
|  | JET | Japan Electrical Safety & Environment Technology Laboratories |
|  | CCC | CNCA Certification and Accreditation Administration of the People's Republic of China |
|  | ÖVE | Österreichischer Verband für Elektrotechnik, Austria |
| PTB | PTB | Physikalisch-Technische Bundesanstalt, Germany |
|  | DGUV | DGUV Test Prüf- und Zertifizierungsstelle Elektrotechnik Fachbereich Energie, Textil, Elektro, Medizinerzeugnisse der Deutschen Gesetzlichen Unfallversicherung e.V. |
| RINA | RINA | Registro Italiano Navale, Italy |
| | Belstandart | Rep. of Belarus |

List of approval and testing authorities, certification marks, and testing laboratories

| | | |
|---|------------|--|
| BKI-EEx | BKI-EEx | Robbanasbiztos Villamos Berendezesek Vizsgalo Allomasa, Hungary |
|  | GOST R | Russian Federation |
|  | SEV | Schweizerischer Elektrotechnischer Verein, Switzerland |
| SEV-EEX | SEV-EEX | SEV Ex-Labor "Explosionsschutz", Switzerland |
|  | SEMKO | Svenska Elektriska Materielkontrollanstalten, Sweden |
| TÜV | TÜV | Technischer Überwachungsverein, Germany |
| ASTA | ASTA | The Association of Short Circuit Testing Authorityties, United Kingdom |
| | Ukrdershst | Ukrdershstandart, Ukraine |
|  | ULlist | Underwriters Laboratories Inc.(UL Listed), USA |
|  | ULrec | Underwriters Laboratories Inc.(UL Recogn.), USA |
| | UTE | Union Technique de l'Electricite, France |
|  | VDE-UG | VDE Gutachten mit Fertigungsüberwachung, Germany |
|  | VDE | Verband Deutscher Elektrotechniker e.V., Germany |
| | ZIK | Zavod za Ispitivanje Kvalitete robe, Rep. of Croatia |
|  | C UR US | Underwr. Lab. Inc. (C-UL Recogn.-US), USA/Canada |
|  | C UL US | Underwr. Lab. Inc. (C-UL Listed-US), USA/Canada |
|  | C CSA US | Canadian Standard Association (CSA Listed-US), Canada/USA |
| | CCA | CENELEC CERTIFICATION AGREEMENT |
| | CB | IECEE-CB Scheme |

| | | | | | | | | | | | |
|----------------|---|---------|-----|---------------|---|-------|----|---------------|---|-------|-----|
| 34.532.3741.1 | ■ | gesis I | 206 | 91.023.0053.0 | ■ | GST15 | 88 | 91.052.0153.0 | ■ | GST15 | 83 |
| 34.532.3741.3 | ■ | gesis I | 206 | 91.023.0053.1 | ■ | GST15 | 88 | 91.052.0153.1 | ■ | GST15 | 83 |
| 34.532.3743.0 | ■ | gesis I | 206 | 91.023.0153.0 | ■ | GST15 | 86 | 91.052.0253.0 | ■ | GST15 | 85 |
| 34.532.3743.1 | ■ | gesis I | 206 | 91.023.0153.1 | ■ | GST15 | 86 | 91.052.0353.0 | ■ | GST15 | 83 |
| 34.532.3743.3 | ■ | gesis I | 206 | 91.023.0253.0 | ■ | GST15 | 88 | 91.052.0453.0 | ■ | GST15 | 85 |
| 34.532.3745.0 | ■ | gesis I | 206 | 91.023.0353.0 | ■ | GST15 | 86 | 91.052.0553.0 | ■ | GST15 | 83 |
| 34.532.3745.1 | ■ | gesis I | 206 | 91.023.0453.0 | ■ | GST15 | 88 | 91.053.0053.0 | ■ | GST15 | 89 |
| 34.532.3745.3 | ■ | gesis I | 206 | 91.023.0553.0 | ■ | GST15 | 86 | 91.053.0053.1 | ■ | GST15 | 89 |
| 34.532.3747.0 | ■ | gesis I | 206 | 91.024.0053.0 | ■ | GST15 | 88 | 91.053.0153.0 | ■ | GST15 | 87 |
| 34.532.3747.1 | ■ | gesis I | 206 | 91.024.0053.1 | ■ | GST15 | 88 | 91.053.0153.1 | ■ | GST15 | 87 |
| 34.532.3747.3 | ■ | gesis I | 206 | 91.024.0153.0 | ■ | GST15 | 86 | 91.053.0253.0 | ■ | GST15 | 89 |
| 34.532.3749.0 | ■ | gesis I | 206 | 91.024.0153.1 | ■ | GST15 | 86 | 91.053.0353.0 | ■ | GST15 | 87 |
| 34.532.3749.1 | ■ | gesis I | 206 | 91.024.0253.0 | ■ | GST15 | 88 | 91.053.0453.0 | ■ | GST15 | 89 |
| 34.532.3749.3 | ■ | gesis I | 206 | 91.024.0353.0 | ■ | GST15 | 86 | 91.053.0553.0 | ■ | GST15 | 87 |
| 34.532.3751.0 | ■ | gesis I | 206 | 91.024.0453.0 | ■ | GST15 | 88 | 91.054.0053.0 | ■ | GST15 | 89 |
| 34.532.3751.1 | ■ | gesis I | 206 | 91.024.0553.0 | ■ | GST15 | 86 | 91.054.0053.1 | ■ | GST15 | 89 |
| 34.532.3751.3 | ■ | gesis I | 206 | 91.030.4953.0 | ■ | GST15 | 90 | 91.054.0153.0 | ■ | GST15 | 87 |
| 34.532.3763.0 | ■ | gesis I | 207 | 91.030.4953.1 | ■ | GST15 | 90 | 91.054.0153.1 | ■ | GST15 | 87 |
| 34.532.3763.1 | ■ | gesis I | 207 | 91.030.5253.0 | ■ | GST15 | 90 | 91.054.0253.0 | ■ | GST15 | 89 |
| 34.532.3763.3 | ■ | gesis I | 207 | 91.030.5253.1 | ■ | GST15 | 90 | 91.054.0353.0 | ■ | GST15 | 87 |
| 34.532.3765.0 | ■ | gesis I | 207 | 91.030.5853.0 | ■ | GST15 | 91 | 91.054.0453.0 | ■ | GST15 | 89 |
| 34.532.3765.1 | ■ | gesis I | 207 | 91.030.5853.1 | ■ | GST15 | 91 | 91.054.0553.0 | ■ | GST15 | 87 |
| 34.532.3765.3 | ■ | gesis I | 207 | 91.030.5953.0 | ■ | GST15 | 91 | 91.207.1000.2 | ■ | GST15 | 99 |
| 34.532.3767.0 | ■ | gesis I | 207 | 91.030.5953.1 | ■ | GST15 | 91 | 91.207.1003.2 | ■ | GST15 | 100 |
| 34.532.3767.1 | ■ | gesis I | 207 | 91.030.6053.0 | ■ | GST15 | 90 | 91.207.1004.2 | ■ | GST15 | 101 |
| 34.532.3767.3 | ■ | gesis I | 207 | 91.030.6053.1 | ■ | GST15 | 90 | 91.207.1060.2 | ■ | GST15 | 99 |
| 34.532.3769.0 | ■ | gesis I | 207 | 91.031.0053.0 | ■ | GST15 | 84 | 91.207.1063.2 | ■ | GST15 | 100 |
| 34.532.3769.1 | ■ | gesis I | 207 | 91.031.0053.1 | ■ | GST15 | 84 | 91.207.1064.2 | ■ | GST15 | 101 |
| 34.532.3769.3 | ■ | gesis I | 207 | 91.031.0153.0 | ■ | GST15 | 82 | 91.207.2000.2 | ■ | GST15 | 99 |
| 34.532.3771.0 | ■ | gesis I | 207 | 91.031.0153.1 | ■ | GST15 | 82 | 91.207.2003.2 | ■ | GST15 | 100 |
| 34.532.3771.1 | ■ | gesis I | 207 | 91.031.0653.0 | ■ | GST15 | 84 | 91.207.2004.2 | ■ | GST15 | 101 |
| 34.532.3771.3 | ■ | gesis I | 207 | 91.031.0753.0 | ■ | GST15 | 82 | 91.207.2060.2 | ■ | GST15 | 99 |
| 34.532.3773.0 | ■ | gesis I | 207 | 91.032.0053.0 | ■ | GST15 | 84 | 91.207.2063.2 | ■ | GST15 | 100 |
| 34.532.3773.1 | ■ | gesis I | 207 | 91.032.0053.1 | ■ | GST15 | 84 | 91.207.2064.2 | ■ | GST15 | 101 |
| 34.532.3773.3 | ■ | gesis I | 207 | 91.032.0153.0 | ■ | GST15 | 82 | 91.207.3000.2 | ■ | GST15 | 99 |
| 34.532.3775.0 | ■ | gesis I | 207 | 91.032.0153.1 | ■ | GST15 | 82 | 91.207.3003.2 | ■ | GST15 | 100 |
| 34.532.3775.1 | ■ | gesis I | 207 | 91.032.0653.0 | ■ | GST15 | 84 | 91.207.3004.2 | ■ | GST15 | 101 |
| 34.532.3775.3 | ■ | gesis I | 207 | 91.032.0753.0 | ■ | GST15 | 82 | 91.207.3060.2 | ■ | GST15 | 99 |
| 34.532.3777.0 | ■ | gesis I | 207 | 91.033.0053.0 | ■ | GST15 | 88 | 91.207.3063.2 | ■ | GST15 | 100 |
| 34.532.3777.1 | ■ | gesis I | 207 | 91.033.0053.1 | ■ | GST15 | 88 | 91.207.3064.2 | ■ | GST15 | 101 |
| 34.532.3777.3 | ■ | gesis I | 207 | 91.033.0153.0 | ■ | GST15 | 86 | 91.207.4000.2 | ■ | GST15 | 99 |
| 34.532.3779.0 | ■ | gesis I | 207 | 91.033.0153.1 | ■ | GST15 | 86 | 91.207.4003.2 | ■ | GST15 | 100 |
| 34.532.3779.1 | ■ | gesis I | 207 | 91.033.0653.0 | ■ | GST15 | 88 | 91.207.4004.2 | ■ | GST15 | 101 |
| 34.532.3779.3 | ■ | gesis I | 207 | 91.033.0753.0 | ■ | GST15 | 86 | 91.207.4060.2 | ■ | GST15 | 99 |
| 34.532.3781.0 | ■ | gesis I | 207 | 91.034.0053.0 | ■ | GST15 | 88 | 91.207.4063.2 | ■ | GST15 | 100 |
| 34.532.3781.1 | ■ | gesis I | 207 | 91.034.0053.1 | ■ | GST15 | 88 | 91.207.4064.2 | ■ | GST15 | 101 |
| 34.532.3781.3 | ■ | gesis I | 207 | 91.034.0153.0 | ■ | GST15 | 86 | 91.207.5000.2 | ■ | GST15 | 99 |
| 46.413.1302.50 | ■ | GST18 | 22 | 91.034.0153.1 | ■ | GST15 | 86 | 91.207.5003.2 | ■ | GST15 | 100 |
| 84.990.1242.0 | ■ | GST18 | 59 | 91.034.0653.0 | ■ | GST15 | 88 | 91.207.5004.2 | ■ | GST15 | 101 |
| 84.990.1243.0 | ■ | GST18 | 59 | 91.034.0753.0 | ■ | GST15 | 86 | 91.207.5060.2 | ■ | GST15 | 99 |
| 91.020.1053.0 | ■ | GST15 | 90 | 91.041.0053.0 | ■ | GST15 | 84 | 91.207.5063.2 | ■ | GST15 | 100 |
| 91.020.1053.1 | ■ | GST15 | 90 | 91.041.0053.1 | ■ | GST15 | 84 | 91.207.5064.2 | ■ | GST15 | 101 |
| 91.020.1253.0 | ■ | GST15 | 90 | 91.041.0153.0 | ■ | GST15 | 82 | 91.207.6000.2 | ■ | GST15 | 99 |
| 91.020.1453.0 | ■ | GST15 | 90 | 91.041.0153.1 | ■ | GST15 | 82 | 91.207.6003.2 | ■ | GST15 | 100 |
| 91.020.4953.0 | ■ | GST15 | 90 | 91.042.0053.0 | ■ | GST15 | 84 | 91.207.6004.2 | ■ | GST15 | 101 |
| 91.020.4953.1 | ■ | GST15 | 90 | 91.042.0053.1 | ■ | GST15 | 84 | 91.207.6060.2 | ■ | GST15 | 99 |
| 91.020.5053.0 | ■ | GST15 | 90 | 91.042.0153.0 | ■ | GST15 | 82 | 91.207.6063.2 | ■ | GST15 | 100 |
| 91.020.5153.0 | ■ | GST15 | 90 | 91.042.0153.1 | ■ | GST15 | 82 | 91.207.6064.2 | ■ | GST15 | 101 |
| 91.020.5953.0 | ■ | GST15 | 91 | 91.043.0053.0 | ■ | GST15 | 88 | 91.207.7000.2 | ■ | GST15 | 99 |
| 91.020.5953.1 | ■ | GST15 | 91 | 91.043.0053.1 | ■ | GST15 | 88 | 91.207.7003.2 | ■ | GST15 | 100 |
| 91.020.6053.0 | ■ | GST15 | 91 | 91.043.0153.0 | ■ | GST15 | 86 | 91.207.7004.2 | ■ | GST15 | 101 |
| 91.020.6153.0 | ■ | GST15 | 91 | 91.043.0153.1 | ■ | GST15 | 86 | 91.207.7060.2 | ■ | GST15 | 99 |
| 91.020.7053.0 | ■ | GST15 | 90 | 91.044.0053.0 | ■ | GST15 | 88 | 91.207.7063.2 | ■ | GST15 | 100 |
| 91.020.7053.1 | ■ | GST15 | 90 | 91.044.0053.1 | ■ | GST15 | 88 | 91.207.7064.2 | ■ | GST15 | 101 |
| 91.020.7153.0 | ■ | GST15 | 90 | 91.044.0153.0 | ■ | GST15 | 86 | 91.207.8000.2 | ■ | GST15 | 99 |
| 91.020.7253.0 | ■ | GST15 | 90 | 91.044.0153.1 | ■ | GST15 | 86 | 91.207.8003.2 | ■ | GST15 | 100 |
| 91.021.0053.0 | ■ | GST15 | 84 | 91.050.3151.0 | ■ | GST15 | 91 | 91.207.8004.2 | ■ | GST15 | 101 |
| 91.021.0053.1 | ■ | GST15 | 84 | 91.050.3251.0 | ■ | GST15 | 91 | 91.207.8060.2 | ■ | GST15 | 99 |
| 91.021.0153.0 | ■ | GST15 | 82 | 91.050.3351.0 | ■ | GST15 | 91 | 91.207.8063.2 | ■ | GST15 | 100 |
| 91.021.0153.1 | ■ | GST15 | 82 | 91.050.5953.0 | ■ | GST15 | 91 | 91.207.8064.2 | ■ | GST15 | 101 |
| 91.021.0253.0 | ■ | GST15 | 84 | 91.050.5953.1 | ■ | GST15 | 91 | 91.222.1000.1 | ■ | GST15 | 92 |
| 91.021.0353.0 | ■ | GST15 | 82 | 91.050.6053.0 | ■ | GST15 | 91 | 91.222.1000.2 | ■ | GST15 | 92 |
| 91.021.0453.0 | ■ | GST15 | 84 | 91.051.0053.0 | ■ | GST15 | 85 | 91.222.1000.6 | ■ | GST15 | 92 |
| 91.021.0553.0 | ■ | GST15 | 82 | 91.051.0053.1 | ■ | GST15 | 85 | 91.222.1000.9 | ■ | GST15 | 92 |
| 91.022.0053.0 | ■ | GST15 | 84 | 91.051.0153.0 | ■ | GST15 | 83 | 91.222.1003.1 | ■ | GST15 | 93 |
| 91.022.0053.1 | ■ | GST15 | 84 | 91.051.0153.1 | ■ | GST15 | 83 | 91.222.1003.2 | ■ | GST15 | 93 |
| 91.022.0153.0 | ■ | GST15 | 82 | 91.051.0253.0 | ■ | GST15 | 85 | 91.222.1003.6 | ■ | GST15 | 93 |
| 91.022.0153.1 | ■ | GST15 | 82 | 91.051.0353.0 | ■ | GST15 | 83 | 91.222.1003.9 | ■ | GST15 | 93 |
| 91.022.0253.0 | ■ | GST15 | 84 | 91.051.0453.0 | ■ | GST15 | 85 | 91.222.1004.1 | ■ | GST15 | 94 |
| 91.022.0353.0 | ■ | GST15 | 82 | 91.051.0553.0 | ■ | GST15 | 83 | 91.222.1004.2 | ■ | GST15 | 94 |
| 91.022.0453.0 | ■ | GST15 | 84 | 91.052.0053.0 | ■ | GST15 | 85 | 91.222.1004.6 | ■ | GST15 | 94 |
| 91.022.0553.0 | ■ | GST15 | 82 | 91.052.0053.1 | ■ | GST15 | 85 | 91.222.1004.9 | ■ | GST15 | 94 |

| | | | | | | | | |
|---------------|---------|----|---------------|--------------------|-----|---------------|--------------------|-----|
| 91.932.9053.0 | ■ GST15 | 80 | 92.031.3458.5 | ■ GST18 | 8 | 92.040.1053.0 | ■ GST18 | 14 |
| 91.932.9053.1 | ■ GST15 | 80 | 92.031.3558.0 | ■ GST18 | 8 | 92.040.1053.1 | ■ GST18 | 14 |
| 91.932.9153.0 | ■ GST15 | 80 | 92.031.3658.0 | ■ GST18 | 8 | 92.040.1153.0 | ■ GST18 | 14 |
| 91.932.9153.1 | ■ GST15 | 80 | 92.031.3758.0 | ■ GST18 | 8 | 92.040.1153.5 | ■ GST18 | 14 |
| 91.932.9853.0 | ■ GST15 | 80 | 92.031.3858.0 | ■ GST18 | 8 | 92.041.0058.0 | ■ GST18 | 12 |
| 91.941.3053.0 | ■ GST15 | 78 | 92.031.3958.0 | ■ GST18 | 8 | 92.041.0058.1 | ■ GST18 | 12 |
| 91.941.3053.1 | ■ GST15 | 78 | 92.031.4153.1 | ■ <i>gesis</i> NRG | 155 | 92.041.0158.0 | ■ GST18 | 12 |
| 91.941.4053.0 | ■ GST15 | 78 | 92.031.4253.1 | ■ <i>gesis</i> NRG | 155 | 92.041.0158.5 | ■ GST18 | 12 |
| 91.941.4053.1 | ■ GST15 | 78 | 92.031.4353.1 | ■ <i>gesis</i> NRG | 155 | 92.041.3253.0 | ■ GST18 | 8 |
| 91.941.9053.0 | ■ GST15 | 81 | 92.031.4453.0 | ■ GST18 | 11 | 92.041.3253.1 | ■ GST18 | 8 |
| 91.941.9053.1 | ■ GST15 | 81 | 92.031.4453.1 | ■ GST18 | 11 | 92.041.3453.0 | ■ GST18 | 8 |
| 91.942.3053.0 | ■ GST15 | 78 | 92.031.4853.0 | ■ GST18 | 11 | 92.041.3453.5 | ■ GST18 | 8 |
| 91.942.3053.1 | ■ GST15 | 78 | 92.031.4953.0 | ■ GST18 | 11 | 92.041.3553.0 | ■ GST18 | 8 |
| 91.942.4053.0 | ■ GST15 | 78 | 92.031.5453.1 | ■ <i>gesis</i> NRG | 153 | 92.041.3953.0 | ■ GST18 | 8 |
| 91.942.4053.1 | ■ GST15 | 78 | 92.031.7657.0 | ■ GST18 | 67 | 92.041.8058.0 | ■ GST18 | 9 |
| 91.942.9053.0 | ■ GST15 | 81 | 92.031.7657.1 | ■ GST18 | 67 | 92.041.8258.0 | ■ GST18 | 9 |
| 91.942.9053.1 | ■ GST15 | 81 | 92.031.7658.0 | ■ GST18 | 9 | 92.041.9658.0 | ■ GST18 | 9 |
| 91.951.3053.0 | ■ GST15 | 79 | 92.031.7658.1 | ■ GST18 | 9 | 92.041.9658.1 | ■ GST18 | 9 |
| 91.951.3053.1 | ■ GST15 | 79 | 92.031.8058.0 | ■ GST18 | 9 | 92.041.9758.0 | ■ GST18 | 9 |
| 91.951.3353.0 | ■ GST15 | 79 | 92.031.8258.0 | ■ GST18 | 9 | 92.041.9758.5 | ■ GST18 | 9 |
| 91.951.3453.0 | ■ GST15 | 79 | 92.031.8458.0 | ■ GST18 | 9 | 92.042.0058.0 | ■ GST18 | 12 |
| 91.951.4053.0 | ■ GST15 | 79 | 92.031.8558.0 | ■ GST18 | 9 | 92.042.0058.1 | ■ GST18 | 12 |
| 91.951.4053.1 | ■ GST15 | 79 | 92.031.8558.0 | ■ GST18 | 70 | 92.042.0158.0 | ■ GST18 | 12 |
| 91.951.4353.0 | ■ GST15 | 79 | 92.031.8758.0 | ■ GST18 | 11 | 92.042.0158.5 | ■ GST18 | 12 |
| 91.951.4453.0 | ■ GST15 | 79 | 92.031.8758.1 | ■ GST18 | 11 | 92.042.3353.0 | ■ GST18 | 8 |
| 91.951.9053.0 | ■ GST15 | 81 | 92.031.9658.0 | ■ GST18 | 9 | 92.042.3353.1 | ■ GST18 | 8 |
| 91.951.9053.1 | ■ GST15 | 81 | 92.031.9658.1 | ■ GST18 | 9 | 92.042.3453.0 | ■ GST18 | 8 |
| 91.951.9353.0 | ■ GST15 | 81 | 92.031.9758.0 | ■ GST18 | 9 | 92.042.3453.5 | ■ GST18 | 8 |
| 91.951.9453.0 | ■ GST15 | 81 | 92.031.9758.5 | ■ GST18 | 9 | 92.042.3553.0 | ■ GST18 | 8 |
| 91.952.3053.0 | ■ GST15 | 79 | 92.032.0058.0 | ■ GST18 | 12 | 92.042.3953.0 | ■ GST18 | 8 |
| 91.952.3053.1 | ■ GST15 | 79 | 92.032.0058.1 | ■ GST18 | 12 | 92.042.8058.0 | ■ GST18 | 9 |
| 91.952.3353.0 | ■ GST15 | 79 | 92.032.0058.1 | ■ GST18 | 21 | 92.042.8258.0 | ■ GST18 | 9 |
| 91.952.3453.0 | ■ GST15 | 79 | 92.032.0158.0 | ■ GST18 | 12 | 92.042.9658.0 | ■ GST18 | 9 |
| 91.952.4053.0 | ■ GST15 | 79 | 92.032.0158.5 | ■ GST18 | 12 | 92.042.9658.1 | ■ GST18 | 9 |
| 91.952.4053.1 | ■ GST15 | 79 | 92.032.0458.0 | ■ GST18 | 12 | 92.042.9758.0 | ■ GST18 | 9 |
| 91.952.4353.0 | ■ GST15 | 79 | 92.032.0458.0 | ■ GST18 | 21 | 92.042.9758.5 | ■ GST18 | 9 |
| 91.952.4453.0 | ■ GST15 | 79 | 92.032.0658.0 | ■ GST18 | 12 | 92.043.0058.0 | ■ GST18 | 13 |
| 91.952.9053.0 | ■ GST15 | 81 | 92.032.3358.0 | ■ GST18 | 8 | 92.043.0058.1 | ■ GST18 | 13 |
| 91.952.9053.1 | ■ GST15 | 81 | 92.032.3358.1 | ■ GST18 | 8 | 92.043.0158.0 | ■ GST18 | 13 |
| 91.952.9353.0 | ■ GST15 | 81 | 92.032.3458.0 | ■ GST18 | 8 | 92.043.0158.5 | ■ GST18 | 13 |
| 91.952.9453.0 | ■ GST15 | 81 | 92.032.3458.5 | ■ GST18 | 8 | 92.044.0058.0 | ■ GST18 | 13 |
| 92.002.5053.0 | ■ GST18 | 58 | 92.032.3558.0 | ■ GST18 | 8 | 92.044.0058.1 | ■ GST18 | 13 |
| 92.002.5153.1 | ■ GST18 | 58 | 92.032.3658.0 | ■ GST18 | 8 | 92.044.0158.0 | ■ GST18 | 13 |
| 92.002.5253.1 | ■ GST18 | 58 | 92.032.3758.0 | ■ GST18 | 8 | 92.044.0158.5 | ■ GST18 | 13 |
| 92.002.5353.0 | ■ GST18 | 58 | 92.032.3858.0 | ■ GST18 | 8 | 92.050.0153.0 | ■ GST18 | 18 |
| 92.020.2053.0 | ■ GST18 | 22 | 92.032.3958.0 | ■ GST18 | 8 | 92.050.0153.1 | ■ GST18 | 18 |
| 92.030.0053.1 | ■ GST18 | 17 | 92.032.7657.0 | ■ GST18 | 67 | 92.050.0353.0 | ■ GST18 | 18 |
| 92.030.0153.1 | ■ GST18 | 17 | 92.032.7657.1 | ■ GST18 | 67 | 92.050.0353.1 | ■ GST18 | 18 |
| 92.030.0253.1 | ■ GST18 | 17 | 92.032.7658.0 | ■ GST18 | 9 | 92.050.1053.0 | ■ GST18 | 14 |
| 92.030.0353.1 | ■ GST18 | 17 | 92.032.7658.1 | ■ GST18 | 9 | 92.050.1053.1 | ■ GST18 | 14 |
| 92.030.1053.0 | ■ GST18 | 14 | 92.032.8058.0 | ■ GST18 | 9 | 92.050.1453.0 | ■ GST18 | 14 |
| 92.030.1053.1 | ■ GST18 | 14 | 92.032.8258.0 | ■ GST18 | 9 | 92.050.1553.1 | ■ <i>gesis</i> NRG | 153 |
| 92.030.1253.0 | ■ GST18 | 14 | 92.032.8458.0 | ■ GST18 | 9 | 92.050.1653.0 | ■ <i>gesis</i> NRG | 153 |
| 92.030.1253.1 | ■ GST18 | 14 | 92.032.8558.0 | ■ GST18 | 9 | 92.050.1853.0 | ■ GST18 | 18 |
| 92.030.1353.0 | ■ GST18 | 14 | 92.032.8558.0 | ■ GST18 | 70 | 92.050.2153.0 | ■ GST18 | 18 |
| 92.030.2153.0 | ■ GST18 | 22 | 92.032.8758.0 | ■ GST18 | 11 | 92.050.2153.5 | ■ GST18 | 18 |
| 92.030.2253.0 | ■ GST18 | 23 | 92.032.8758.1 | ■ GST18 | 11 | 92.050.2453.0 | ■ GST18 | 23 |
| 92.030.4853.0 | ■ GST18 | 16 | 92.032.9658.0 | ■ GST18 | 9 | 92.050.4153.0 | ■ GST18 | 14 |
| 92.030.4853.1 | ■ GST18 | 16 | 92.032.9658.1 | ■ GST18 | 9 | 92.050.4153.1 | ■ GST18 | 14 |
| 92.030.4953.0 | ■ GST18 | 16 | 92.032.9758.0 | ■ GST18 | 9 | 92.050.4253.0 | ■ GST18 | 14 |
| 92.030.4953.1 | ■ GST18 | 16 | 92.032.9758.5 | ■ GST18 | 9 | 92.050.4253.1 | ■ GST18 | 14 |
| 92.030.5253.0 | ■ GST18 | 17 | 92.033.0057.0 | ■ GST18 | 67 | 92.050.4353.0 | ■ GST18 | 14 |
| 92.030.5253.1 | ■ GST18 | 17 | 92.033.0058.0 | ■ GST18 | 13 | 92.050.4353.1 | ■ GST18 | 14 |
| 92.030.5353.0 | ■ GST18 | 17 | 92.033.0058.1 | ■ GST18 | 13 | 92.050.8053.0 | ■ <i>gesis</i> NRG | 155 |
| 92.030.5353.1 | ■ GST18 | 17 | 92.033.0058.1 | ■ GST18 | 21 | 92.050.8253.0 | ■ <i>gesis</i> NRG | 157 |
| 92.030.5853.0 | ■ GST18 | 20 | 92.033.0158.0 | ■ GST18 | 13 | 92.050.8353.0 | ■ <i>gesis</i> NRG | 157 |
| 92.030.5958.0 | ■ GST18 | 20 | 92.033.0158.5 | ■ GST18 | 13 | 92.050.8453.0 | ■ <i>gesis</i> NRG | 158 |
| 92.030.5958.1 | ■ GST18 | 20 | 92.033.0458.0 | ■ GST18 | 13 | 92.050.8553.0 | ■ <i>gesis</i> NRG | 158 |
| 92.030.6053.0 | ■ GST18 | 16 | 92.033.0458.0 | ■ GST18 | 21 | 92.050.8853.0 | ■ <i>gesis</i> NRG | 157 |
| 92.030.6053.1 | ■ GST18 | 16 | 92.033.0658.0 | ■ GST18 | 13 | 92.051.0058.0 | ■ GST18 | 12 |
| 92.031.0058.0 | ■ GST18 | 12 | 92.033.0758.0 | ■ GST18 | 13 | 92.051.0058.1 | ■ GST18 | 12 |
| 92.031.0058.1 | ■ GST18 | 12 | 92.033.0758.0 | ■ GST18 | 69 | 92.051.0258.0 | ■ GST18 | 12 |
| 92.031.0158.0 | ■ GST18 | 12 | 92.033.0858.0 | ■ GST18 | 69 | 92.051.0353.1 | ■ <i>gesis</i> NRG | 155 |
| 92.031.0158.5 | ■ GST18 | 12 | 92.034.0057.0 | ■ GST18 | 67 | 92.051.0458.0 | ■ GST18 | 12 |
| 92.031.0458.0 | ■ GST18 | 12 | 92.034.0058.0 | ■ GST18 | 13 | 92.051.3153.0 | ■ GST18 | 8 |
| 92.031.0458.0 | ■ GST18 | 21 | 92.034.0058.1 | ■ GST18 | 13 | 92.051.3253.0 | ■ GST18 | 8 |
| 92.031.0658.0 | ■ GST18 | 12 | 92.034.0058.1 | ■ GST18 | 21 | 92.051.3253.1 | ■ GST18 | 8 |
| 92.031.0758.0 | ■ GST18 | 12 | 92.034.0158.0 | ■ GST18 | 13 | 92.051.3453.0 | ■ GST18 | 8 |
| 92.031.3258.0 | ■ GST18 | 8 | 92.034.0158.5 | ■ GST18 | 13 | 92.051.3453.5 | ■ GST18 | 8 |
| 92.031.3258.1 | ■ GST18 | 8 | 92.034.0458.0 | ■ GST18 | 13 | 92.051.3553.0 | ■ GST18 | 8 |
| 92.031.3458.0 | ■ GST18 | 8 | 92.034.0458.0 | ■ GST18 | 21 | 92.051.3753.0 | ■ GST18 | 8 |
| | | | 92.034.0658.0 | ■ GST18 | 13 | 92.051.3953.0 | ■ GST18 | 8 |

| | | | | | | | | | | | | |
|---------------|---|-------|----|---------------|---|-------|----|---------------|---|-------|-----|-----|
| 92.258.4064.2 | ■ | GST18 | 53 | 92.931.3753.0 | ■ | GST18 | 6 | 93.040.1253.0 | ■ | gesis | NV | 141 |
| 92.258.4064.9 | ■ | GST18 | 53 | 92.931.3853.0 | ■ | GST18 | 6 | 93.040.1253.1 | ■ | gesis | NV | 141 |
| 92.258.5000.1 | ■ | GST18 | 51 | 92.931.4053.0 | ■ | GST18 | 6 | 93.040.1353.0 | ■ | gesis | NV | 141 |
| 92.258.5000.2 | ■ | GST18 | 51 | 92.932.3053.0 | ■ | GST18 | 6 | 93.040.1353.1 | ■ | gesis | NV | 141 |
| 92.258.5000.9 | ■ | GST18 | 51 | 92.932.3053.1 | ■ | GST18 | 6 | 93.040.2050.0 | ■ | gesis | NV | 141 |
| 92.258.5003.1 | ■ | GST18 | 52 | 92.932.3057.0 | ■ | GST18 | 66 | 93.041.0253.0 | ■ | gesis | NV | 139 |
| 92.258.5003.2 | ■ | GST18 | 52 | 92.932.3453.0 | ■ | GST18 | 6 | 93.041.0258.0 | ■ | gesis | NV | 139 |
| 92.258.5003.9 | ■ | GST18 | 52 | 92.932.3453.5 | ■ | GST18 | 6 | 93.042.0253.0 | ■ | gesis | NV | 139 |
| 92.258.5004.1 | ■ | GST18 | 53 | 92.932.3553.0 | ■ | GST18 | 6 | 93.042.0258.0 | ■ | gesis | NV | 139 |
| 92.258.5004.2 | ■ | GST18 | 53 | 92.932.3653.0 | ■ | GST18 | 6 | 93.081.1558.0 | ■ | gesis | NV | 140 |
| 92.258.5004.9 | ■ | GST18 | 53 | 92.932.3753.0 | ■ | GST18 | 6 | 93.081.1558.1 | ■ | gesis | NV | 140 |
| 92.258.5060.1 | ■ | GST18 | 51 | 92.932.3853.0 | ■ | GST18 | 6 | 93.082.1558.0 | ■ | gesis | NV | 140 |
| 92.258.5060.2 | ■ | GST18 | 51 | 92.932.4053.0 | ■ | GST18 | 6 | 93.082.1558.1 | ■ | gesis | NV | 140 |
| 92.258.5060.9 | ■ | GST18 | 51 | 92.933.0053.0 | ■ | GST18 | 7 | 93.420.0053.0 | ■ | gesis | NV | 125 |
| 92.258.5063.1 | ■ | GST18 | 52 | 92.933.0053.1 | ■ | GST18 | 7 | 93.420.0453.0 | ■ | gesis | NV | 125 |
| 92.258.5063.2 | ■ | GST18 | 52 | 92.933.0153.0 | ■ | GST18 | 7 | 93.420.0653.0 | ■ | gesis | NV | 125 |
| 92.258.5063.9 | ■ | GST18 | 52 | 92.933.0153.5 | ■ | GST18 | 7 | 93.420.1053.0 | ■ | gesis | NRG | 155 |
| 92.258.5064.1 | ■ | GST18 | 53 | 92.933.0453.0 | ■ | GST18 | 7 | 93.420.4553.0 | ■ | gesis | NV | 125 |
| 92.258.5064.2 | ■ | GST18 | 53 | 92.933.0553.0 | ■ | GST18 | 7 | 93.420.4653.0 | ■ | gesis | NV | 125 |
| 92.258.5064.9 | ■ | GST18 | 53 | 92.933.0653.0 | ■ | GST18 | 7 | 93.421.0353.1 | ■ | gesis | NV | 123 |
| 92.258.6000.1 | ■ | GST18 | 51 | 92.933.0753.0 | ■ | GST18 | 7 | 93.421.0553.1 | ■ | gesis | NV | 122 |
| 92.258.6000.2 | ■ | GST18 | 51 | 92.934.0053.0 | ■ | GST18 | 7 | 93.421.0653.1 | ■ | gesis | NV | 124 |
| 92.258.6000.9 | ■ | GST18 | 51 | 92.934.0053.1 | ■ | GST18 | 7 | 93.421.0853.0 | ■ | gesis | NRG | 155 |
| 92.258.6003.1 | ■ | GST18 | 52 | 92.934.0153.0 | ■ | GST18 | 7 | 93.421.0953.0 | ■ | gesis | NRG | 152 |
| 92.258.6003.2 | ■ | GST18 | 52 | 92.934.0153.5 | ■ | GST18 | 7 | 93.421.2853.1 | ■ | gesis | NRG | 155 |
| 92.258.6003.9 | ■ | GST18 | 52 | 92.934.0453.0 | ■ | GST18 | 7 | 93.421.2953.1 | ■ | gesis | NRG | 152 |
| 92.258.6004.1 | ■ | GST18 | 53 | 92.934.0553.0 | ■ | GST18 | 7 | 93.421.4353.1 | ■ | gesis | NV | 123 |
| 92.258.6004.2 | ■ | GST18 | 53 | 92.934.0653.0 | ■ | GST18 | 7 | 93.421.4553.1 | ■ | gesis | NV | 122 |
| 92.258.6004.9 | ■ | GST18 | 53 | 92.934.0753.0 | ■ | GST18 | 7 | 93.421.4653.1 | ■ | gesis | NV | 124 |
| 92.258.6060.1 | ■ | GST18 | 51 | 92.943.0053.0 | ■ | GST18 | 7 | 93.422.0353.1 | ■ | gesis | NV | 123 |
| 92.258.6060.2 | ■ | GST18 | 51 | 92.943.0053.1 | ■ | GST18 | 7 | 93.422.0553.1 | ■ | gesis | NV | 122 |
| 92.258.6060.9 | ■ | GST18 | 51 | 92.943.0153.0 | ■ | GST18 | 7 | 93.422.0653.1 | ■ | gesis | NV | 124 |
| 92.258.6063.1 | ■ | GST18 | 52 | 92.943.0153.5 | ■ | GST18 | 7 | 93.422.4353.1 | ■ | gesis | NV | 123 |
| 92.258.6063.2 | ■ | GST18 | 52 | 92.943.0353.0 | ■ | GST18 | 7 | 93.422.4553.1 | ■ | gesis | NV | 122 |
| 92.258.6063.9 | ■ | GST18 | 52 | 92.943.0453.0 | ■ | GST18 | 7 | 93.422.4653.1 | ■ | gesis | NV | 124 |
| 92.258.6064.1 | ■ | GST18 | 53 | 92.943.3053.0 | ■ | GST18 | 6 | 93.430.2053.0 | ■ | gesis | NV | 126 |
| 92.258.6064.2 | ■ | GST18 | 53 | 92.943.3053.1 | ■ | GST18 | 6 | 93.430.2053.1 | ■ | gesis | NV | 126 |
| 92.258.6064.9 | ■ | GST18 | 53 | 92.943.3057.0 | ■ | GST18 | 66 | 93.430.2453.0 | ■ | gesis | NV | 126 |
| 92.258.7000.1 | ■ | GST18 | 51 | 92.943.3253.0 | ■ | GST18 | 6 | 93.430.2453.1 | ■ | gesis | NV | 126 |
| 92.258.7000.2 | ■ | GST18 | 51 | 92.943.3353.0 | ■ | GST18 | 6 | 93.430.2653.0 | ■ | gesis | NV | 126 |
| 92.258.7000.9 | ■ | GST18 | 51 | 92.943.3553.0 | ■ | GST18 | 6 | 93.430.2653.1 | ■ | gesis | NV | 126 |
| 92.258.7003.1 | ■ | GST18 | 52 | 92.943.3553.5 | ■ | GST18 | 6 | 93.431.2353.0 | ■ | gesis | NV | 123 |
| 92.258.7003.2 | ■ | GST18 | 52 | 92.944.0053.0 | ■ | GST18 | 7 | 93.431.2353.1 | ■ | gesis | NV | 123 |
| 92.258.7003.9 | ■ | GST18 | 52 | 92.944.0053.1 | ■ | GST18 | 7 | 93.431.2553.0 | ■ | gesis | NV | 122 |
| 92.258.7004.1 | ■ | GST18 | 53 | 92.944.0153.0 | ■ | GST18 | 7 | 93.431.2553.1 | ■ | gesis | NV | 122 |
| 92.258.7004.2 | ■ | GST18 | 53 | 92.944.0153.5 | ■ | GST18 | 7 | 93.431.2653.0 | ■ | gesis | NV | 124 |
| 92.258.7004.9 | ■ | GST18 | 53 | 92.944.0353.0 | ■ | GST18 | 7 | 93.431.2653.1 | ■ | gesis | NV | 124 |
| 92.258.7060.1 | ■ | GST18 | 51 | 92.944.0453.0 | ■ | GST18 | 7 | 93.432.2353.0 | ■ | gesis | NV | 123 |
| 92.258.7060.2 | ■ | GST18 | 51 | 92.944.3053.0 | ■ | GST18 | 6 | 93.432.2353.1 | ■ | gesis | NV | 123 |
| 92.258.7060.9 | ■ | GST18 | 51 | 92.944.3053.1 | ■ | GST18 | 6 | 93.432.2553.0 | ■ | gesis | NV | 122 |
| 92.258.7063.1 | ■ | GST18 | 52 | 92.944.3057.0 | ■ | GST18 | 66 | 93.432.2553.1 | ■ | gesis | NV | 122 |
| 92.258.7063.2 | ■ | GST18 | 52 | 92.944.3253.0 | ■ | GST18 | 6 | 93.432.2653.0 | ■ | gesis | NV | 124 |
| 92.258.7063.9 | ■ | GST18 | 52 | 92.944.3353.0 | ■ | GST18 | 6 | 93.432.2653.1 | ■ | gesis | NV | 124 |
| 92.258.7064.1 | ■ | GST18 | 53 | 92.944.3553.0 | ■ | GST18 | 6 | 93.572.0053.0 | ■ | gesis | NV | 148 |
| 92.258.7064.2 | ■ | GST18 | 53 | 92.944.3553.5 | ■ | GST18 | 6 | 93.572.0153.0 | ■ | gesis | NV | 148 |
| 92.258.7064.9 | ■ | GST18 | 53 | 92.953.4053.0 | ■ | GST18 | 6 | 93.574.0053.0 | ■ | gesis | NV | 148 |
| 92.258.8000.1 | ■ | GST18 | 51 | 92.953.4053.1 | ■ | GST18 | 6 | 93.574.0153.0 | ■ | gesis | NV | 148 |
| 92.258.8000.2 | ■ | GST18 | 51 | 92.953.4057.0 | ■ | GST18 | 66 | 93.941.0558.0 | ■ | gesis | NV | 138 |
| 92.258.8000.9 | ■ | GST18 | 51 | 92.953.4153.0 | ■ | GST18 | 6 | 93.941.0558.1 | ■ | gesis | NV | 138 |
| 92.258.8003.1 | ■ | GST18 | 52 | 92.953.4253.0 | ■ | GST18 | 6 | 93.941.4158.0 | ■ | gesis | NV | 138 |
| 92.258.8003.2 | ■ | GST18 | 52 | 92.953.4353.0 | ■ | GST18 | 6 | 93.941.4158.0 | ■ | gesis | NV | 138 |
| 92.258.8003.9 | ■ | GST18 | 52 | 92.953.4453.0 | ■ | GST18 | 6 | 93.942.0558.0 | ■ | gesis | NV | 138 |
| 92.258.8004.1 | ■ | GST18 | 53 | 92.953.4553.0 | ■ | GST18 | 6 | 93.942.0558.1 | ■ | gesis | NV | 138 |
| 92.258.8004.2 | ■ | GST18 | 53 | 92.953.4553.5 | ■ | GST18 | 6 | 93.942.4158.0 | ■ | gesis | NV | 138 |
| 92.258.8004.9 | ■ | GST18 | 53 | 92.954.4053.0 | ■ | GST18 | 6 | 93.942.4158.1 | ■ | gesis | NV | 138 |
| 92.258.8060.1 | ■ | GST18 | 51 | 92.954.4053.1 | ■ | GST18 | 6 | 94.122.0203.1 | ■ | gesis | NV | 142 |
| 92.258.8060.2 | ■ | GST18 | 51 | 92.954.4057.0 | ■ | GST18 | 66 | 94.122.0203.2 | ■ | gesis | NV | 142 |
| 92.258.8060.9 | ■ | GST18 | 51 | 92.954.4153.0 | ■ | GST18 | 6 | 94.122.0303.1 | ■ | gesis | NV | 142 |
| 92.258.8063.1 | ■ | GST18 | 52 | 92.954.4253.0 | ■ | GST18 | 6 | 94.122.0303.2 | ■ | gesis | NV | 142 |
| 92.258.8063.2 | ■ | GST18 | 52 | 92.954.4353.0 | ■ | GST18 | 6 | 94.122.0304.1 | ■ | gesis | NV | 143 |
| 92.258.8063.9 | ■ | GST18 | 52 | 92.954.4453.0 | ■ | GST18 | 6 | 94.122.0500.1 | ■ | gesis | NV | 142 |
| 92.258.8064.1 | ■ | GST18 | 53 | 92.954.4553.0 | ■ | GST18 | 6 | 94.122.0500.2 | ■ | gesis | NV | 142 |
| 92.258.8064.2 | ■ | GST18 | 53 | 92.954.4553.5 | ■ | GST18 | 6 | 94.122.0503.1 | ■ | gesis | NV | 142 |
| 92.258.8064.9 | ■ | GST18 | 53 | 92.968.0158.1 | ■ | GST18 | 21 | 94.122.0503.2 | ■ | gesis | NV | 142 |
| 92.731.6053.0 | ■ | GST18 | 18 | 92.969.0158.1 | ■ | GST18 | 21 | 94.122.0504.1 | ■ | gesis | NV | 143 |
| 92.931.3053.0 | ■ | GST18 | 6 | 93.010.0153.0 | ■ | gesis | NV | 94.122.0504.2 | ■ | gesis | NV | 143 |
| 92.931.3053.1 | ■ | GST18 | 6 | 93.016.0053.0 | ■ | gesis | NV | 94.122.0800.1 | ■ | gesis | NV | 142 |
| 92.931.3057.0 | ■ | GST18 | 66 | 93.040.0258.0 | ■ | gesis | NV | 94.122.1000.1 | ■ | gesis | NV | 142 |
| 92.931.3453.0 | ■ | GST18 | 6 | 93.040.1053.0 | ■ | gesis | NV | 94.122.1000.2 | ■ | gesis | NV | 142 |
| 92.931.3453.5 | ■ | GST18 | 6 | 93.040.1053.1 | ■ | gesis | NV | 94.122.1003.1 | ■ | gesis | NV | 142 |
| 92.931.3553.0 | ■ | GST18 | 6 | 93.040.1153.0 | ■ | gesis | NV | 94.122.1003.2 | ■ | gesis | NV | 142 |
| 92.931.3653.0 | ■ | GST18 | 6 | 93.040.1153.1 | ■ | gesis | NV | 94.122.1004.1 | ■ | gesis | NV | 143 |

| | | | | | | | | |
|---------------|------------|-----|---------------|-------------|-----|---------------|------------|-----|
| 99.293.0028.0 | ■ GST18 | 61 | 99.456.0000.8 | ■ GST08 | 110 | G1.044.0402.2 | ■ gesis GB | 178 |
| 99.294.0028.0 | ■ GST18 | 63 | 99.456.0028.0 | ■ GST18 | 55 | G1.044.0403.1 | ■ gesis GB | 180 |
| 99.297.0028.0 | ■ GST18 | 61 | 99.457.0000.8 | ■ GST08 | 112 | G1.044.0403.2 | ■ gesis GB | 180 |
| 99.308.0028.0 | ■ GST18 | 63 | 99.457.0028.0 | ■ GST18 | 55 | G1.044.0502.1 | ■ gesis GB | 178 |
| 99.400.0000.8 | ■ GST08 | 111 | 99.458.0000.8 | ■ GST08 | 111 | G1.044.0502.2 | ■ gesis GB | 178 |
| 99.400.5623.1 | ■ GST18 | 41 | 99.458.0028.0 | ■ GST18 | 55 | G1.044.0503.1 | ■ gesis GB | 180 |
| 99.401.0000.8 | ■ GST08 | 113 | 99.459.0000.8 | ■ GST08 | 109 | G1.044.0503.2 | ■ gesis GB | 180 |
| 99.401.9999.9 | ■ gesis NV | 134 | 99.460.9999.9 | ■ gesis NV | 146 | G1.044.0602.1 | ■ gesis GB | 178 |
| 99.401.9999.9 | ■ gesis NV | 140 | 99.461.9999.9 | ■ gesis NV | 146 | G1.044.0602.2 | ■ gesis GB | 178 |
| 99.402.0000.8 | ■ GST08 | 112 | 99.462.0000.8 | ■ GST08 | 114 | G1.044.0603.1 | ■ gesis GB | 180 |
| 99.403.0000.8 | ■ GST08 | 110 | 99.463.0000.8 | ■ GST08 | 114 | G1.044.0603.2 | ■ gesis GB | 180 |
| 99.403.3704.3 | ■ GST18 | 70 | 99.464.0000.8 | ■ GST08 | 114 | G1.044.0702.1 | ■ gesis GB | 178 |
| 99.404.0000.8 | ■ GST08 | 110 | 99.464.9999.9 | ■ gesis NV | 146 | G1.044.0702.2 | ■ gesis GB | 178 |
| 99.404.3704.3 | ■ GST18 | 69 | 99.465.0000.8 | ■ GST08 | 115 | G1.044.0703.1 | ■ gesis GB | 180 |
| 99.405.0000.8 | ■ GST08 | 109 | 99.465.9999.9 | ■ gesis NV | 146 | G1.044.0703.2 | ■ gesis GB | 180 |
| 99.406.3704.3 | ■ GST18 | 69 | 99.466.0000.8 | ■ GST08 | 115 | G1.044.0802.1 | ■ gesis GB | 178 |
| 99.406.8330.7 | ■ GST18 | 69 | 99.467.0000.8 | ■ GST08 | 115 | G1.044.0802.2 | ■ gesis GB | 178 |
| 99.407.8330.7 | ■ GST18 | 69 | 99.468.0000.8 | ■ GST08 | 114 | G1.044.0803.1 | ■ gesis GB | 180 |
| 99.408.0000.8 | ■ GST08 | 111 | 99.469.0000.8 | ■ GST08 | 114 | G1.044.0803.2 | ■ gesis GB | 180 |
| 99.409.0000.8 | ■ GST08 | 113 | 99.469.9999.9 | ■ gesis NV | 146 | G1.055.0102.1 | ■ gesis GB | 182 |
| 99.410.0000.8 | ■ GST08 | 112 | 99.470.0000.0 | ■ gesis NRG | 154 | G1.055.0102.7 | ■ gesis GB | 182 |
| 99.411.0000.8 | ■ GST08 | 110 | 99.470.0000.8 | ■ GST08 | 114 | G1.055.0202.1 | ■ gesis GB | 182 |
| 99.411.0028.0 | ■ GST18 | 54 | 99.470.5772.2 | ■ GST18 | 15 | G1.055.0202.7 | ■ gesis GB | 182 |
| 99.412.0000.8 | ■ GST08 | 110 | 99.470.9999.9 | ■ gesis NV | 146 | G1.055.0302.1 | ■ gesis GB | 182 |
| 99.412.0028.0 | ■ GST18 | 54 | 99.471.0000.0 | ■ gesis NV | 127 | G1.055.0302.7 | ■ gesis GB | 182 |
| 99.413.0000.8 | ■ GST08 | 109 | 99.471.0000.8 | ■ GST08 | 108 | G1.055.0402.1 | ■ gesis GB | 182 |
| 99.413.0028.0 | ■ GST18 | 54 | 99.472.0000.0 | ■ gesis NV | 127 | G1.055.0402.7 | ■ gesis GB | 182 |
| 99.414.0000.8 | ■ GST08 | 111 | 99.472.0000.8 | ■ GST08 | 108 | G1.055.0502.1 | ■ gesis GB | 182 |
| 99.414.0028.0 | ■ GST18 | 54 | 99.474.9999.9 | ■ gesis NV | 146 | G1.055.0502.7 | ■ gesis GB | 182 |
| 99.415.0000.8 | ■ GST08 | 111 | 99.477.0000.0 | ■ gesis NRG | 154 | G1.055.0702.1 | ■ gesis GB | 182 |
| 99.415.0028.0 | ■ GST18 | 54 | 99.477.9999.9 | ■ gesis NV | 146 | G1.055.0702.7 | ■ gesis GB | 182 |
| 99.416.0000.8 | ■ GST08 | 112 | 99.479.9999.9 | ■ gesis NV | 146 | G1.055.1002.1 | ■ gesis GB | 182 |
| 99.416.0028.0 | ■ GST18 | 54 | 99.491.0000.0 | ■ GST15 | 105 | G1.055.1002.7 | ■ gesis GB | 182 |
| 99.417.0000.8 | ■ GST08 | 110 | 99.500.0028.0 | ■ GST18 | 60 | G1.066.0202.7 | ■ GST18 | 54 |
| 99.417.0028.0 | ■ GST18 | 54 | 99.501.0028.0 | ■ GST18 | 60 | G1.066.0202.7 | ■ gesis GB | 184 |
| 99.418.0000.8 | ■ GST08 | 110 | 99.502.0028.0 | ■ GST18 | 60 | G1.066.0302.7 | ■ GST18 | 54 |
| 99.418.0028.0 | ■ GST18 | 54 | 99.508.0028.0 | ■ GST18 | 60 | G1.066.0302.7 | ■ gesis GB | 184 |
| 99.419.0000.8 | ■ GST08 | 109 | 99.600.0000.0 | ■ GST18 | 22 | G1.066.0402.7 | ■ GST18 | 54 |
| 99.420.0000.8 | ■ GST08 | 118 | 99.600.0028.0 | ■ GST18 | 59 | G1.066.0402.7 | ■ gesis GB | 184 |
| 99.420.5772.2 | ■ GST18 | 15 | 99.601.0028.0 | ■ GST18 | 59 | G1.066.0502.7 | ■ GST18 | 54 |
| 99.421.0000.8 | ■ GST08 | 117 | 99.602.0028.0 | ■ GST18 | 59 | G1.066.0502.7 | ■ gesis GB | 184 |
| 99.421.5772.2 | ■ GST18 | 15 | 99.612.0028.0 | ■ GST18 | 59 | G1.066.0602.7 | ■ GST18 | 54 |
| 99.422.0000.8 | ■ GST08 | 119 | 99.652.0028.0 | ■ GST18 | 59 | G1.066.0602.7 | ■ gesis GB | 184 |
| 99.422.5772.2 | ■ GST18 | 15 | 99.653.0028.0 | ■ GST18 | 59 | G1.066.0702.7 | ■ GST18 | 54 |
| 99.423.0000.8 | ■ GST08 | 118 | G0.000.0044.7 | ■ gesis NRG | 158 | G1.066.0702.7 | ■ gesis GB | 184 |
| 99.424.0000.8 | ■ GST08 | 118 | G0.000.0086.0 | ■ GST18 | 68 | G1.066.1002.7 | ■ GST18 | 54 |
| 99.424.9910.0 | ■ gesis GB | 164 | G0.000.0086.1 | ■ GST18 | 68 | G1.066.1002.7 | ■ gesis GB | 184 |
| 99.425.0000.8 | ■ GST08 | 116 | G0.000.0086.2 | ■ GST18 | 68 | G1.130.3813.1 | ■ gesis GB | 174 |
| 99.426.0000.8 | ■ GST08 | 110 | G0.000.0086.3 | ■ GST18 | 68 | G1.130.3823.1 | ■ gesis GB | 174 |
| 99.427.0000.0 | ■ GST15 | 105 | G0.000.0086.4 | ■ GST18 | 71 | G1.131.1370.1 | ■ gesis GB | 175 |
| 99.427.0000.8 | ■ GST08 | 110 | G0.000.0086.5 | ■ GST18 | 71 | G1.132.4403.1 | ■ gesis GB | 174 |
| 99.428.0000.8 | ■ GST08 | 112 | G0.000.0086.6 | ■ GST18 | 71 | G1.140.4813.1 | ■ gesis GB | 174 |
| 99.429.0000.8 | ■ GST08 | 112 | G0.000.0086.7 | ■ GST18 | 71 | G1.140.4823.1 | ■ gesis GB | 174 |
| 99.431.0028.0 | ■ GST18 | 54 | G0.000.0086.8 | ■ GST18 | 71 | G1.141.1300.1 | ■ gesis GB | 175 |
| 99.432.0028.0 | ■ GST18 | 54 | G0.000.0086.9 | ■ GST18 | 71 | G1.142.4403.1 | ■ gesis GB | 174 |
| 99.433.0028.0 | ■ GST18 | 54 | G0.000.0502.3 | ■ GST18 | 68 | G1.162.6603.1 | ■ gesis GB | 175 |
| 99.434.0028.0 | ■ GST18 | 54 | G0.000.0502.4 | ■ GST18 | 68 | G1.162.6603.7 | ■ gesis GB | 175 |
| 99.435.0028.0 | ■ GST18 | 54 | G0.000.0539.8 | ■ GST18 | 72 | G1.333.0102.2 | ■ gesis GB | 176 |
| 99.436.0028.0 | ■ GST18 | 54 | G0.000.0539.9 | ■ GST18 | 72 | G1.333.0202.2 | ■ gesis GB | 176 |
| 99.437.0028.0 | ■ GST18 | 54 | G1.033.0102.2 | ■ gesis GB | 176 | G1.333.0302.2 | ■ gesis GB | 176 |
| 99.438.0000.8 | ■ GST08 | 109 | G1.033.0202.2 | ■ gesis GB | 176 | G1.333.0402.2 | ■ gesis GB | 176 |
| 99.438.0028.0 | ■ GST18 | 54 | G1.033.0302.2 | ■ gesis GB | 176 | G1.333.0502.2 | ■ gesis GB | 176 |
| 99.439.0000.8 | ■ GST08 | 109 | G1.033.0402.2 | ■ gesis GB | 176 | G1.333.0602.2 | ■ gesis GB | 176 |
| 99.440.0000.8 | ■ GST08 | 108 | G1.033.0502.2 | ■ gesis GB | 176 | G1.333.0702.2 | ■ gesis GB | 176 |
| 99.441.0000.8 | ■ GST08 | 108 | G1.033.0602.2 | ■ gesis GB | 176 | G1.333.0802.2 | ■ gesis GB | 176 |
| 99.442.0000.8 | ■ GST08 | 108 | G1.033.0702.2 | ■ gesis GB | 176 | G1.333.0902.2 | ■ gesis GB | 176 |
| 99.443.0000.8 | ■ GST08 | 108 | G1.033.0802.2 | ■ gesis GB | 176 | G1.333.1002.2 | ■ gesis GB | 176 |
| 99.444.0000.8 | ■ GST08 | 108 | G1.033.0902.2 | ■ gesis GB | 176 | G1.344.0102.1 | ■ gesis GB | 178 |
| 99.445.0000.8 | ■ GST08 | 108 | G1.033.1002.2 | ■ gesis GB | 176 | G1.344.0102.2 | ■ gesis GB | 178 |
| 99.449.9999.9 | ■ gesis NV | 134 | G1.044.0102.1 | ■ gesis GB | 178 | G1.344.0103.1 | ■ gesis GB | 180 |
| 99.449.9999.9 | ■ gesis NV | 140 | G1.044.0102.2 | ■ gesis GB | 178 | G1.344.0103.2 | ■ gesis GB | 180 |
| 99.450.0000.8 | ■ GST08 | 119 | G1.044.0103.1 | ■ gesis GB | 180 | G1.344.0202.1 | ■ gesis GB | 178 |
| 99.451.0000.8 | ■ GST08 | 119 | G1.044.0103.2 | ■ gesis GB | 180 | G1.344.0202.2 | ■ gesis GB | 178 |
| 99.451.0028.0 | ■ GST18 | 55 | G1.044.0202.1 | ■ gesis GB | 178 | G1.344.0203.1 | ■ gesis GB | 180 |
| 99.452.0028.0 | ■ GST18 | 55 | G1.044.0202.2 | ■ gesis GB | 178 | G1.344.0203.2 | ■ gesis GB | 180 |
| 99.452.9910.0 | ■ GST18 | 20 | G1.044.0203.1 | ■ gesis GB | 180 | G1.344.0203.7 | ■ gesis GB | 178 |
| 99.453.0000.8 | ■ GST08 | 109 | G1.044.0203.2 | ■ gesis GB | 180 | G1.344.0302.2 | ■ gesis GB | 178 |
| 99.453.0028.0 | ■ GST18 | 55 | G1.044.0302.1 | ■ gesis GB | 178 | G1.344.0303.1 | ■ gesis GB | 180 |
| 99.453.9910.0 | ■ GST18 | 20 | G1.044.0302.2 | ■ gesis GB | 178 | G1.344.0303.2 | ■ gesis GB | 180 |
| 99.454.0028.0 | ■ GST18 | 55 | G1.044.0303.1 | ■ gesis GB | 180 | G1.344.0402.1 | ■ gesis GB | 178 |
| 99.455.0000.8 | ■ GST08 | 110 | G1.044.0303.2 | ■ gesis GB | 180 | G1.344.0402.2 | ■ gesis GB | 178 |
| 99.455.0028.0 | ■ GST18 | 55 | G1.044.0402.1 | ■ gesis GB | 178 | G1.344.0403.1 | ■ gesis GB | 180 |

| | | | | | | | | |
|---------------|------------|-----|---------------|------------|-----|---------------|------------|-----|
| G1.344.0403.2 | ■ gesis GB | 180 | G1.444.0802.2 | ■ gesis GB | 179 | G2.232.2060.7 | ■ gesis ES | 188 |
| G1.344.0502.1 | ■ gesis GB | 178 | G1.444.0803.1 | ■ gesis GB | 181 | G2.232.2063.1 | ■ GST18 | 28 |
| G1.344.0502.2 | ■ gesis GB | 178 | G1.444.0803.2 | ■ gesis GB | 181 | G2.232.2063.1 | ■ gesis ES | 189 |
| G1.344.0503.1 | ■ gesis GB | 180 | G1.455.0102.1 | ■ gesis GB | 183 | G2.232.2063.2 | ■ GST18 | 28 |
| G1.344.0503.2 | ■ gesis GB | 180 | G1.455.0102.7 | ■ gesis GB | 183 | G2.232.2063.2 | ■ gesis ES | 189 |
| G1.344.0602.1 | ■ gesis GB | 178 | G1.455.0202.1 | ■ gesis GB | 183 | G2.232.2063.7 | ■ gesis ES | 189 |
| G1.344.0602.2 | ■ gesis GB | 178 | G1.455.0202.7 | ■ gesis GB | 183 | G2.232.2064.1 | ■ GST18 | 29 |
| G1.344.0603.1 | ■ gesis GB | 180 | G1.455.0302.1 | ■ gesis GB | 183 | G2.232.2064.1 | ■ gesis ES | 190 |
| G1.344.0603.2 | ■ gesis GB | 180 | G1.455.0302.7 | ■ gesis GB | 183 | G2.232.2064.2 | ■ GST18 | 29 |
| G1.344.0702.1 | ■ gesis GB | 178 | G1.455.0402.1 | ■ gesis GB | 183 | G2.232.2064.2 | ■ gesis ES | 190 |
| G1.344.0702.2 | ■ gesis GB | 178 | G1.455.0402.7 | ■ gesis GB | 183 | G2.232.2064.7 | ■ gesis ES | 190 |
| G1.344.0703.1 | ■ gesis GB | 180 | G1.455.0502.1 | ■ gesis GB | 183 | G2.232.3060.1 | ■ GST18 | 27 |
| G1.344.0703.2 | ■ gesis GB | 180 | G1.455.0502.7 | ■ gesis GB | 183 | G2.232.3060.1 | ■ gesis ES | 188 |
| G1.344.0802.1 | ■ gesis GB | 178 | G1.455.0702.1 | ■ gesis GB | 183 | G2.232.3060.2 | ■ GST18 | 27 |
| G1.344.0802.2 | ■ gesis GB | 178 | G1.455.0702.7 | ■ gesis GB | 183 | G2.232.3060.2 | ■ gesis ES | 188 |
| G1.344.0803.1 | ■ gesis GB | 180 | G1.455.1002.1 | ■ gesis GB | 183 | G2.232.3060.7 | ■ gesis ES | 188 |
| G1.344.0803.2 | ■ gesis GB | 180 | G1.455.1002.7 | ■ gesis GB | 183 | G2.232.3063.1 | ■ GST18 | 28 |
| G1.355.0102.1 | ■ gesis GB | 182 | G1.466.0202.7 | ■ GST18 | 55 | G2.232.3063.1 | ■ gesis ES | 189 |
| G1.355.0102.7 | ■ gesis GB | 182 | G1.466.0202.7 | ■ gesis GB | 185 | G2.232.3063.2 | ■ GST18 | 28 |
| G1.355.0202.1 | ■ gesis GB | 182 | G1.466.0302.7 | ■ GST18 | 55 | G2.232.3063.2 | ■ gesis ES | 189 |
| G1.355.0202.7 | ■ gesis GB | 182 | G1.466.0302.7 | ■ gesis GB | 185 | G2.232.3063.7 | ■ gesis ES | 189 |
| G1.355.0302.1 | ■ gesis GB | 182 | G1.466.0402.7 | ■ GST18 | 55 | G2.232.3064.1 | ■ GST18 | 29 |
| G1.355.0302.7 | ■ gesis GB | 182 | G1.466.0402.7 | ■ gesis GB | 185 | G2.232.3064.1 | ■ gesis ES | 190 |
| G1.355.0402.1 | ■ gesis GB | 182 | G1.466.0502.7 | ■ GST18 | 55 | G2.232.3064.2 | ■ GST18 | 29 |
| G1.355.0402.7 | ■ gesis GB | 182 | G1.466.0502.7 | ■ gesis GB | 185 | G2.232.3064.2 | ■ gesis ES | 190 |
| G1.355.0502.1 | ■ gesis GB | 182 | G1.466.0602.7 | ■ GST18 | 55 | G2.232.3064.7 | ■ gesis ES | 190 |
| G1.355.0502.7 | ■ gesis GB | 182 | G1.466.0602.7 | ■ gesis GB | 185 | G2.232.4060.1 | ■ GST18 | 27 |
| G1.355.0702.1 | ■ gesis GB | 182 | G1.466.0702.7 | ■ GST18 | 55 | G2.232.4060.1 | ■ gesis ES | 188 |
| G1.355.0702.7 | ■ gesis GB | 182 | G1.466.0702.7 | ■ gesis GB | 185 | G2.232.4060.2 | ■ GST18 | 27 |
| G1.355.1002.1 | ■ gesis GB | 182 | G1.466.1002.7 | ■ GST18 | 55 | G2.232.4060.2 | ■ gesis ES | 188 |
| G1.355.1002.7 | ■ gesis GB | 182 | G1.466.1002.7 | ■ gesis GB | 185 | G2.232.4060.7 | ■ gesis ES | 188 |
| G1.366.0202.7 | ■ GST18 | 54 | G1.830.0012.1 | ■ gesis GB | 172 | G2.232.4063.1 | ■ GST18 | 28 |
| G1.366.0202.7 | ■ gesis GB | 184 | G1.830.0042.1 | ■ gesis GB | 172 | G2.232.4063.1 | ■ gesis ES | 189 |
| G1.366.0302.7 | ■ GST18 | 54 | G1.830.0062.1 | ■ gesis GB | 172 | G2.232.4063.2 | ■ GST18 | 28 |
| G1.366.0302.7 | ■ gesis GB | 184 | G1.833.0412.1 | ■ gesis GB | 166 | G2.232.4063.2 | ■ gesis ES | 189 |
| G1.366.0402.7 | ■ GST18 | 54 | G1.834.0442.1 | ■ gesis GB | 166 | G2.232.4063.7 | ■ gesis ES | 189 |
| G1.366.0402.7 | ■ gesis GB | 184 | G1.840.0012.1 | ■ gesis GB | 172 | G2.232.4064.1 | ■ GST18 | 29 |
| G1.366.0502.7 | ■ GST18 | 54 | G1.840.0042.1 | ■ gesis GB | 172 | G2.232.4064.1 | ■ gesis ES | 190 |
| G1.366.0502.7 | ■ gesis GB | 184 | G1.840.0062.1 | ■ gesis GB | 172 | G2.232.4064.2 | ■ GST18 | 29 |
| G1.366.0602.7 | ■ GST18 | 54 | G1.843.0412.1 | ■ gesis GB | 166 | G2.232.4064.2 | ■ gesis ES | 190 |
| G1.366.0602.7 | ■ gesis GB | 184 | G1.843.0422.1 | ■ gesis GB | 166 | G2.232.4064.7 | ■ gesis ES | 190 |
| G1.366.0702.7 | ■ GST18 | 54 | G1.844.0442.1 | ■ gesis GB | 166 | G2.232.5060.1 | ■ GST18 | 27 |
| G1.366.0702.7 | ■ gesis GB | 184 | G1.845.0432.2 | ■ gesis GB | 167 | G2.232.5060.1 | ■ gesis ES | 188 |
| G1.366.1002.7 | ■ GST18 | 54 | G1.845.0472.2 | ■ gesis GB | 167 | G2.232.5060.2 | ■ GST18 | 27 |
| G1.366.1002.7 | ■ gesis GB | 184 | G1.860.0042.7 | ■ gesis GB | 173 | G2.232.5060.2 | ■ gesis ES | 188 |
| G1.433.0102.2 | ■ gesis GB | 177 | G1.863.0422.7 | ■ gesis GB | 170 | G2.232.5060.7 | ■ gesis ES | 188 |
| G1.433.0202.2 | ■ gesis GB | 177 | G1.864.0442.7 | ■ gesis GB | 170 | G2.232.5063.1 | ■ GST18 | 28 |
| G1.433.0302.2 | ■ gesis GB | 177 | G1.865.0432.7 | ■ gesis GB | 170 | G2.232.5063.1 | ■ gesis ES | 189 |
| G1.433.0402.2 | ■ gesis GB | 177 | G1.933.0502.2 | ■ gesis GB | 164 | G2.232.5063.2 | ■ GST18 | 28 |
| G1.433.0502.2 | ■ gesis GB | 177 | G1.943.0542.1 | ■ gesis GB | 164 | G2.232.5063.2 | ■ gesis ES | 189 |
| G1.433.0602.2 | ■ gesis GB | 177 | G1.944.0542.1 | ■ gesis GB | 164 | G2.232.5063.7 | ■ gesis ES | 189 |
| G1.433.0702.2 | ■ gesis GB | 177 | G1.952.0542.1 | ■ gesis GB | 165 | G2.232.5064.1 | ■ GST18 | 29 |
| G1.433.0802.2 | ■ gesis GB | 177 | G1.952.0542.7 | ■ gesis GB | 165 | G2.232.5064.1 | ■ gesis ES | 190 |
| G1.433.0902.2 | ■ gesis GB | 177 | G1.953.0542.1 | ■ gesis GB | 165 | G2.232.5064.2 | ■ GST18 | 29 |
| G1.433.1002.2 | ■ gesis GB | 177 | G1.953.0542.7 | ■ gesis GB | 165 | G2.232.5064.2 | ■ gesis ES | 190 |
| G1.444.0102.1 | ■ gesis GB | 179 | G1.954.0542.1 | ■ gesis GB | 165 | G2.232.5064.7 | ■ gesis ES | 190 |
| G1.444.0102.2 | ■ gesis GB | 179 | G1.954.0542.7 | ■ gesis GB | 165 | G2.232.6060.1 | ■ GST18 | 27 |
| G1.444.0103.1 | ■ gesis GB | 181 | G1.955.0542.1 | ■ gesis GB | 165 | G2.232.6060.1 | ■ gesis ES | 188 |
| G1.444.0103.2 | ■ gesis GB | 181 | G1.955.0542.7 | ■ gesis GB | 165 | G2.232.6060.2 | ■ GST18 | 27 |
| G1.444.0202.1 | ■ gesis GB | 179 | G1.962.0542.7 | ■ gesis GB | 168 | G2.232.6060.2 | ■ gesis ES | 188 |
| G1.444.0202.2 | ■ gesis GB | 179 | G1.963.0542.7 | ■ gesis GB | 168 | G2.232.6060.7 | ■ gesis ES | 188 |
| G1.444.0203.1 | ■ gesis GB | 181 | G1.964.0542.7 | ■ gesis GB | 168 | G2.232.6063.1 | ■ GST18 | 28 |
| G1.444.0203.2 | ■ gesis GB | 181 | G1.965.0542.7 | ■ gesis GB | 168 | G2.232.6063.1 | ■ gesis ES | 189 |
| G1.444.0302.1 | ■ gesis GB | 179 | G1.966.0000.7 | ■ gesis GB | 173 | G2.232.6063.2 | ■ GST18 | 28 |
| G1.444.0302.2 | ■ gesis GB | 179 | G1.966.0542.7 | ■ gesis GB | 169 | G2.232.6063.2 | ■ gesis ES | 189 |
| G1.444.0303.1 | ■ gesis GB | 181 | G2.232.1060.1 | ■ GST18 | 27 | G2.232.6063.7 | ■ gesis ES | 189 |
| G1.444.0303.2 | ■ gesis GB | 181 | G2.232.1060.1 | ■ gesis ES | 188 | G2.232.6064.1 | ■ GST18 | 29 |
| G1.444.0402.1 | ■ gesis GB | 179 | G2.232.1060.2 | ■ GST18 | 27 | G2.232.6064.1 | ■ gesis ES | 190 |
| G1.444.0402.2 | ■ gesis GB | 179 | G2.232.1060.2 | ■ gesis ES | 188 | G2.232.6064.2 | ■ GST18 | 29 |
| G1.444.0403.1 | ■ gesis GB | 181 | G2.232.1060.7 | ■ gesis ES | 188 | G2.232.6064.2 | ■ gesis ES | 190 |
| G1.444.0403.2 | ■ gesis GB | 181 | G2.232.1063.1 | ■ GST18 | 28 | G2.232.6064.7 | ■ gesis ES | 190 |
| G1.444.0502.1 | ■ gesis GB | 179 | G2.232.1063.1 | ■ gesis ES | 189 | G2.232.7060.1 | ■ GST18 | 27 |
| G1.444.0502.2 | ■ gesis GB | 179 | G2.232.1063.2 | ■ GST18 | 28 | G2.232.7060.1 | ■ gesis ES | 188 |
| G1.444.0503.1 | ■ gesis GB | 181 | G2.232.1063.2 | ■ gesis ES | 189 | G2.232.7060.2 | ■ GST18 | 27 |
| G1.444.0503.2 | ■ gesis GB | 181 | G2.232.1063.7 | ■ gesis ES | 189 | G2.232.7060.2 | ■ gesis ES | 188 |
| G1.444.0602.1 | ■ gesis GB | 179 | G2.232.1064.1 | ■ GST18 | 29 | G2.232.7060.7 | ■ gesis ES | 188 |
| G1.444.0602.2 | ■ gesis GB | 179 | G2.232.1064.1 | ■ gesis ES | 190 | G2.232.7063.1 | ■ GST18 | 28 |
| G1.444.0603.1 | ■ gesis GB | 181 | G2.232.1064.2 | ■ GST18 | 29 | G2.232.7063.1 | ■ gesis ES | 189 |
| G1.444.0603.2 | ■ gesis GB | 181 | G2.232.1064.2 | ■ gesis ES | 190 | G2.232.7063.2 | ■ GST18 | 28 |
| G1.444.0702.1 | ■ gesis GB | 179 | G2.232.1064.7 | ■ gesis ES | 190 | G2.232.7063.2 | ■ gesis ES | 189 |
| G1.444.0702.2 | ■ gesis GB | 179 | G2.232.2060.1 | ■ GST18 | 27 | G2.232.7063.7 | ■ gesis ES | 189 |
| G1.444.0703.1 | ■ gesis GB | 181 | G2.232.2060.1 | ■ gesis ES | 188 | G2.232.7064.1 | ■ GST18 | 29 |
| G1.444.0703.2 | ■ gesis GB | 181 | G2.232.2060.2 | ■ GST18 | 27 | G2.232.7064.1 | ■ gesis ES | 190 |
| G1.444.0802.1 | ■ gesis GB | 179 | G2.232.2060.2 | ■ gesis ES | 188 | G2.232.7064.2 | ■ GST18 | 29 |

| | | | | | | | | |
|---------------|------------|-----|---------------|------------|-----|---------------|-------------|-----|
| G2.232.7064.2 | ■ gesis ES | 190 | G2.238.5063.2 | ■ GST18 | 36 | G3.032.0803.2 | ■ GST18 | 38 |
| G2.232.7064.7 | ■ gesis ES | 190 | G2.238.5063.2 | ■ gesis ES | 192 | G3.332.0102.1 | ■ GST18 | 30 |
| G2.232.8060.1 | ■ GST18 | 27 | G2.238.5063.7 | ■ gesis ES | 192 | G3.332.0102.2 | ■ GST18 | 30 |
| G2.232.8060.1 | ■ gesis ES | 188 | G2.238.5064.1 | ■ GST18 | 37 | G3.332.0103.1 | ■ GST18 | 38 |
| G2.232.8060.2 | ■ GST18 | 27 | G2.238.5064.1 | ■ gesis ES | 193 | G3.332.0103.2 | ■ GST18 | 38 |
| G2.232.8060.2 | ■ gesis ES | 188 | G2.238.5064.2 | ■ GST18 | 37 | G3.332.0202.1 | ■ GST18 | 30 |
| G2.232.8060.7 | ■ gesis ES | 188 | G2.238.5064.2 | ■ gesis ES | 193 | G3.332.0202.2 | ■ GST18 | 30 |
| G2.232.8063.1 | ■ GST18 | 28 | G2.238.5064.7 | ■ gesis ES | 193 | G3.332.0203.1 | ■ GST18 | 38 |
| G2.232.8063.1 | ■ gesis ES | 189 | G2.238.6060.1 | ■ GST18 | 35 | G3.332.0203.2 | ■ GST18 | 38 |
| G2.232.8063.2 | ■ GST18 | 28 | G2.238.6060.1 | ■ gesis ES | 191 | G3.332.0302.1 | ■ GST18 | 30 |
| G2.232.8063.2 | ■ gesis ES | 189 | G2.238.6060.2 | ■ GST18 | 35 | G3.332.0302.2 | ■ GST18 | 30 |
| G2.232.8063.7 | ■ gesis ES | 189 | G2.238.6060.2 | ■ gesis ES | 191 | G3.332.0303.1 | ■ GST18 | 38 |
| G2.232.8064.1 | ■ GST18 | 29 | G2.238.6060.7 | ■ gesis ES | 191 | G3.332.0303.2 | ■ GST18 | 38 |
| G2.232.8064.1 | ■ gesis ES | 190 | G2.238.6063.1 | ■ GST18 | 36 | G3.332.0402.1 | ■ GST18 | 30 |
| G2.232.8064.2 | ■ GST18 | 29 | G2.238.6063.1 | ■ gesis ES | 192 | G3.332.0402.2 | ■ GST18 | 30 |
| G2.232.8064.2 | ■ gesis ES | 190 | G2.238.6063.2 | ■ GST18 | 36 | G3.332.0403.1 | ■ GST18 | 38 |
| G2.232.8064.7 | ■ gesis ES | 190 | G2.238.6063.2 | ■ gesis ES | 192 | G3.332.0403.2 | ■ GST18 | 38 |
| G2.238.1060.1 | ■ GST18 | 35 | G2.238.6063.7 | ■ gesis ES | 192 | G3.332.0502.1 | ■ GST18 | 30 |
| G2.238.1060.1 | ■ gesis ES | 191 | G2.238.6064.1 | ■ GST18 | 37 | G3.332.0502.2 | ■ GST18 | 30 |
| G2.238.1060.2 | ■ GST18 | 35 | G2.238.6064.1 | ■ gesis ES | 193 | G3.332.0503.1 | ■ GST18 | 38 |
| G2.238.1060.2 | ■ gesis ES | 191 | G2.238.6064.2 | ■ GST18 | 37 | G3.332.0503.2 | ■ GST18 | 38 |
| G2.238.1060.7 | ■ gesis ES | 191 | G2.238.6064.2 | ■ gesis ES | 193 | G3.332.0602.1 | ■ GST18 | 30 |
| G2.238.1063.1 | ■ GST18 | 36 | G2.238.6064.7 | ■ gesis ES | 193 | G3.332.0602.2 | ■ GST18 | 30 |
| G2.238.1063.1 | ■ gesis ES | 192 | G2.238.7060.1 | ■ GST18 | 35 | G3.332.0603.1 | ■ GST18 | 38 |
| G2.238.1063.2 | ■ GST18 | 36 | G2.238.7060.1 | ■ gesis ES | 191 | G3.332.0603.2 | ■ GST18 | 38 |
| G2.238.1063.2 | ■ gesis ES | 192 | G2.238.7060.2 | ■ GST18 | 35 | G3.332.0702.1 | ■ GST18 | 30 |
| G2.238.1063.7 | ■ gesis ES | 192 | G2.238.7060.2 | ■ gesis ES | 191 | G3.332.0702.2 | ■ GST18 | 30 |
| G2.238.1064.1 | ■ GST18 | 37 | G2.238.7060.7 | ■ gesis ES | 191 | G3.332.0703.1 | ■ GST18 | 38 |
| G2.238.1064.1 | ■ gesis ES | 193 | G2.238.7063.1 | ■ GST18 | 36 | G3.332.0703.2 | ■ GST18 | 38 |
| G2.238.1064.2 | ■ GST18 | 37 | G2.238.7063.1 | ■ gesis ES | 192 | G3.332.0802.1 | ■ GST18 | 30 |
| G2.238.1064.2 | ■ gesis ES | 193 | G2.238.7063.2 | ■ GST18 | 36 | G3.332.0802.2 | ■ GST18 | 30 |
| G2.238.1064.7 | ■ gesis ES | 193 | G2.238.7063.2 | ■ gesis ES | 192 | G3.332.0803.1 | ■ GST18 | 38 |
| G2.238.2060.1 | ■ GST18 | 35 | G2.238.7063.7 | ■ gesis ES | 192 | G3.332.0803.2 | ■ GST18 | 38 |
| G2.238.2060.1 | ■ gesis ES | 191 | G2.238.7064.1 | ■ GST18 | 37 | G3.432.0102.1 | ■ GST18 | 31 |
| G2.238.2060.2 | ■ GST18 | 35 | G2.238.7064.1 | ■ gesis ES | 193 | G3.432.0102.2 | ■ GST18 | 31 |
| G2.238.2060.2 | ■ gesis ES | 191 | G2.238.7064.2 | ■ GST18 | 37 | G3.432.0103.1 | ■ GST18 | 39 |
| G2.238.2060.7 | ■ gesis ES | 191 | G2.238.7064.2 | ■ gesis ES | 193 | G3.432.0103.2 | ■ GST18 | 39 |
| G2.238.2063.1 | ■ GST18 | 36 | G2.238.7064.7 | ■ gesis ES | 193 | G3.432.0202.1 | ■ GST18 | 31 |
| G2.238.2063.1 | ■ gesis ES | 192 | G2.238.8060.1 | ■ GST18 | 35 | G3.432.0202.2 | ■ GST18 | 31 |
| G2.238.2063.2 | ■ GST18 | 36 | G2.238.8060.1 | ■ gesis ES | 191 | G3.432.0203.1 | ■ GST18 | 39 |
| G2.238.2063.2 | ■ gesis ES | 192 | G2.238.8060.2 | ■ GST18 | 35 | G3.432.0203.2 | ■ GST18 | 39 |
| G2.238.2063.7 | ■ gesis ES | 192 | G2.238.8060.2 | ■ gesis ES | 191 | G3.432.0302.1 | ■ GST18 | 31 |
| G2.238.2064.1 | ■ GST18 | 37 | G2.238.8060.7 | ■ gesis ES | 191 | G3.432.0302.2 | ■ GST18 | 31 |
| G2.238.2064.1 | ■ gesis ES | 193 | G2.238.8063.1 | ■ GST18 | 36 | G3.432.0303.1 | ■ GST18 | 39 |
| G2.238.2064.2 | ■ GST18 | 37 | G2.238.8063.1 | ■ gesis ES | 192 | G3.432.0303.2 | ■ GST18 | 39 |
| G2.238.2064.2 | ■ gesis ES | 193 | G2.238.8063.2 | ■ GST18 | 36 | G3.432.0402.1 | ■ GST18 | 31 |
| G2.238.2064.7 | ■ gesis ES | 193 | G2.238.8063.2 | ■ gesis ES | 192 | G3.432.0402.2 | ■ GST18 | 31 |
| G2.238.3060.1 | ■ GST18 | 35 | G2.238.8063.7 | ■ gesis ES | 192 | G3.432.0403.1 | ■ GST18 | 39 |
| G2.238.3060.2 | ■ gesis ES | 191 | G2.238.8064.1 | ■ GST18 | 37 | G3.432.0403.2 | ■ GST18 | 39 |
| G2.238.3060.7 | ■ gesis ES | 191 | G2.238.8064.1 | ■ gesis ES | 193 | G3.432.0502.1 | ■ GST18 | 31 |
| G2.238.3063.1 | ■ GST18 | 36 | G2.238.8064.2 | ■ GST18 | 37 | G3.432.0502.2 | ■ GST18 | 31 |
| G2.238.3063.1 | ■ gesis ES | 192 | G2.238.8064.2 | ■ gesis ES | 193 | G3.432.0503.1 | ■ GST18 | 39 |
| G2.238.3063.2 | ■ GST18 | 36 | G3.032.0102.1 | ■ GST18 | 30 | G3.432.0503.2 | ■ GST18 | 39 |
| G2.238.3063.2 | ■ gesis ES | 192 | G3.032.0102.2 | ■ GST18 | 30 | G3.432.0602.1 | ■ GST18 | 31 |
| G2.238.3063.7 | ■ gesis ES | 192 | G3.032.0103.1 | ■ GST18 | 38 | G3.432.0602.2 | ■ GST18 | 31 |
| G2.238.3064.1 | ■ GST18 | 37 | G3.032.0103.2 | ■ GST18 | 38 | G3.432.0603.1 | ■ GST18 | 39 |
| G2.238.3064.1 | ■ gesis ES | 193 | G3.032.0202.1 | ■ GST18 | 30 | G3.432.0603.2 | ■ GST18 | 39 |
| G2.238.3064.2 | ■ GST18 | 37 | G3.032.0202.2 | ■ GST18 | 30 | G3.432.0702.1 | ■ GST18 | 31 |
| G2.238.3064.2 | ■ gesis ES | 193 | G3.032.0203.1 | ■ GST18 | 38 | G3.432.0702.2 | ■ GST18 | 31 |
| G2.238.3064.7 | ■ gesis ES | 193 | G3.032.0203.2 | ■ GST18 | 38 | G3.432.0703.1 | ■ GST18 | 39 |
| G2.238.4060.1 | ■ GST18 | 35 | G3.032.0302.1 | ■ GST18 | 30 | G3.432.0703.2 | ■ GST18 | 39 |
| G2.238.4060.1 | ■ gesis ES | 191 | G3.032.0302.2 | ■ GST18 | 30 | G3.432.0802.1 | ■ GST18 | 31 |
| G2.238.4060.2 | ■ GST18 | 35 | G3.032.0303.1 | ■ GST18 | 38 | G3.432.0802.2 | ■ GST18 | 31 |
| G2.238.4060.2 | ■ gesis ES | 191 | G3.032.0303.2 | ■ GST18 | 38 | G3.432.0803.1 | ■ GST18 | 39 |
| G2.238.4060.7 | ■ gesis ES | 191 | G3.032.0402.1 | ■ GST18 | 30 | G3.432.0803.2 | ■ GST18 | 39 |
| G2.238.4063.1 | ■ GST18 | 36 | G3.032.0402.2 | ■ GST18 | 30 | Z5.507.1521.0 | ■ gesis NRG | 159 |
| G2.238.4063.1 | ■ gesis ES | 192 | G3.032.0403.1 | ■ GST18 | 38 | Z5.507.1553.0 | ■ gesis NRG | 159 |
| G2.238.4063.2 | ■ GST18 | 36 | G3.032.0403.2 | ■ GST18 | 38 | Z5.507.1953.0 | ■ gesis NRG | 159 |
| G2.238.4063.2 | ■ gesis ES | 192 | G3.032.0502.1 | ■ GST18 | 30 | Z5.586.4653.0 | ■ gesis NV | 147 |
| G2.238.4063.7 | ■ gesis ES | 192 | G3.032.0502.2 | ■ GST18 | 30 | Z5.586.4653.1 | ■ gesis NV | 147 |
| G2.238.4064.1 | ■ GST18 | 37 | G3.032.0503.1 | ■ GST18 | 38 | Z6.560.5353.0 | ■ gesis NV | 148 |
| G2.238.4064.1 | ■ gesis ES | 193 | G3.032.0503.2 | ■ GST18 | 38 | Z8.000.0175.5 | ■ gesis NV | 147 |
| G2.238.4064.2 | ■ GST18 | 37 | G3.032.0503.7 | ■ GST18 | 38 | Z8.000.0175.7 | ■ gesis NV | 147 |
| G2.238.4064.2 | ■ gesis ES | 193 | G3.032.0602.1 | ■ GST18 | 30 | Z8.000.0175.9 | ■ gesis NV | 147 |
| G2.238.4064.7 | ■ gesis ES | 193 | G3.032.0602.2 | ■ GST18 | 30 | Z8.000.0176.0 | ■ gesis NV | 147 |
| G2.238.5060.1 | ■ GST18 | 35 | G3.032.0603.1 | ■ GST18 | 38 | | | |
| G2.238.5060.1 | ■ gesis ES | 191 | G3.032.0603.2 | ■ GST18 | 38 | | | |
| G2.238.5060.2 | ■ GST18 | 35 | G3.032.0603.7 | ■ GST18 | 30 | | | |
| G2.238.5060.2 | ■ gesis ES | 191 | G3.032.0702.1 | ■ GST18 | 30 | | | |
| G2.238.5060.7 | ■ gesis ES | 191 | G3.032.0702.2 | ■ GST18 | 30 | | | |
| G2.238.5063.1 | ■ GST18 | 36 | G3.032.0703.1 | ■ GST18 | 38 | | | |
| G2.238.5063.1 | ■ gesis ES | 192 | G3.032.0703.2 | ■ GST18 | 38 | | | |
| | | | G3.032.0703.7 | ■ GST18 | 38 | | | |
| | | | G3.032.0802.1 | ■ GST18 | 30 | | | |
| | | | G3.032.0802.2 | ■ GST18 | 30 | | | |
| | | | G3.032.0803.1 | ■ GST18 | 38 | | | |

Wieland Hotline and consultation



Hotline – one call is all it takes

Naturally our service employees are available to help you at any time.

Industrial Automation - Electromechanical

Hotline **+49 951 9324-991**
E-Mail **AT.TS@wieland-electric.com**

Industrial Automation - Electronics

Hotline **+49 951 9324-995**
E-Mail **AT.TS@wieland-electric.com**

Safety

Hotline **+49 951 9324-999**
E-Mail **safety@wieland-electric.com**

Building and Installation Technology

Hotline **+49 951 9324-996**
E-Mail **BIT.TS@wieland-electric.com**

Additional information for pluggable installation:

INDOOR

gesis[®]ELECTRONIC Part No. 0700.1
gesis[®]FLEX Part No. 0701.1

OUTDOOR

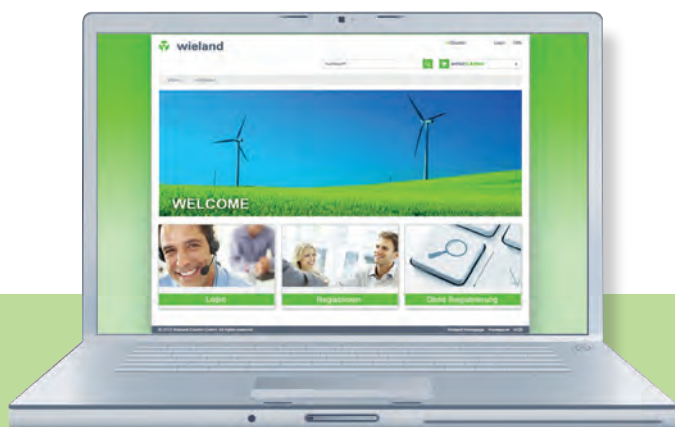
gesis[®]RST[®] Part No. 0690.1
gesis[®]RST[®]MINI Part No. 0695.1

Information about Wieland products in general:

Wieland Product Overview Part No. 0902.1

General information and news:
www.wieland-electric.com

Visit our e-catalog at
<http://eshop.wieland-electric.com>



Our subsidiaries

... and the addresses of our sales partner worldwide are available at:

www.wieland-electric.com



USA
Wieland Electric Inc.
North American Headquarters
 2889 Brighton Road
 Oakville, Ontario L6H 6C9
 Phone +1 905 8298414
 Fax +1 905 8298413
www.wielandinc.com



CANADA
Wieland Electric Inc.
North American Headquarters
 2889 Brighton Road
 Oakville, Ontario L6H 6C9
 Phone +1 905 8298414
 Fax +1 905 8298413
www.wieland-electric.ca



GREAT BRITAIN
Wieland Electric Ltd.
 Riverside Business Center,
 Walnut Tree Close
 GB-Guildford/Surrey GU1 4UG
 Phone +44 1483 531213
 Fax +44 1483 505029
sales.uk@wieland-electric.com
www.wieland.co.uk



FRANCE
Wieland Electric SARL.
 Le Cérame, Hall 6
 47, avenue des Genottes
 CS 48313
 95803 Cergy-Pontoise Cedex
 Phone +33 1 30320707
 Fax +33 1 30320714
info.adv@wieland-electric.com
www.wieland-electric.fr



SPAIN
Wieland Electric S.L.
 C/ Maria Auxiliadora 2, bajos
 E-08017 Barcelona
 Phone +34 93 2523820
 Fax +34 93 2523825
ventas@wieland-electric.com
www.wieland-electric.es



ITALY
Wieland Electric S.r.l.
 Via Edison, 209
 I-20019 Settimo Milanese
 Phone +39 02 48916357
 Fax +39 02 48920685
info.italy@wieland-electric.com
www.wieland-electric.it



BELGIUM & GH LUXEMBOURG
ATEM-Wieland Electric NV
 Bedrijvenpark De Veert 4
 B-2830 Willebroek
 Phone +32 3 8661800
 Fax +32 3 8661828
info.belgium@wieland-electric.com
www.wieland-electric.be



DENMARK
Wieland Electric A/S
 Vallørækken 26
 DK-4600 Køge
 Phone +45 70 266635
 Fax +45 70 266637
sales.denmark@wieland-electric.com
www.wieland-electric.dk



SWITZERLAND
Wieland Electric AG
 Harzachstrasse 2b
 CH-8404 Winterthur
 Phone +41 52 2352100
 Fax +41 52 2352119
info.swiss@wieland-electric.com
www.wieland-electric.ch



POLAND
Wieland Electric Sp. Zo.o.
 Św. Antoniego 8
 62-080 Swadzim
 Phone +48 61 2225400
 Fax +48 61 8407166
office@wieland-electric.pl
www.wieland-electric.pl



CHINA
Wieland Electric Trading
 Unit 2703 International Soho City
 889 Renmin Road,
 Huang Pu District
 PRC- Shanghai 200010
 Phone +86 21 63555833
 Fax +86 21 63550090
info-shanghai@wieland-electric.com
www.wieland-electric.cn



JAPAN
Wieland Electric Co, Ltd.
 Nisso No. 16 Bldg. 7F
 3-8-8 Shin-Yokohama,
 Kohoku-ku
 Yokohama 222-0033
 Phone +81 45 473 5085
 Fax +81 45 470 5408
info.japan@wieland-electric.com



GERMANY
Headquarters
Wieland Electric GmbH
 Brennerstraße 10 – 14
 96052 Bamberg, Germany
 Phone +49 951 9324-0
 Fax +49 951 9324-198
info@wieland-electric.com
www.wieland-electric.de

Subject to technical modifications! **gesis**®, **RST**®, **GST**®, **GST18**®, **podis**® and **samos**® are registered trademarks of Wieland Electric GmbH

Headquarters:
Wieland Electric GmbH
Brennerstraße 10 – 14
96052 Bamberg, Germany

Phone +49 951 9324-0
Fax +49 951 9324-198
info@wieland-electric.com
www.wieland-electric.com

Industrial technology

Solutions for the control cabinet

- DIN rail terminal blocks
 - Screw, tension spring or push-in connection technology
 - Wire cross sections up to 300 mm²
 - Numerous special functions
 - Software solutions interfacing to CAE systems
- Safety
 - Safe signal acquisition
 - Safety switching devices
 - Modular safety modules
 - Compact safety controllers
 - Application consulting and training
- Network engineering and fieldbus systems
 - Remote maintenance via VPN industrial router and VPN service portal
 - Industrial Ethernet switches
 - PLC and I/O systems, standard and increased environmental conditions
- Interface
 - Power supply units
 - Overvoltage protection
 - Coupling relays, semiconductor switches
 - Timer relays, measuring and monitoring relays
 - Analog coupling and converter modules
 - Passive interfaces

Solutions for field applications

- Decentralized installation and automation technology
 - Electrical installation for wind tower
 - Fieldbus interfaces and motor starters
- Connectors for industrial applications
 - Rectangular and round connectors
 - Aluminium or plastic housings
 - Degree of protection up to IP 69K
 - Current-carrying capacity up to 100 A
 - Connectors for hazardous areas
 - Modular, application-specific technology

PC board terminals and connectors

- Screw or spring clamp connection technology
- Spacings: 3.5 mm to 10.16 mm
- Reflow or wave soldering process

Building and installation technology

- Building installation systems
 - Main power supply connectors IP 20/IP 65 ... IP 69K
 - Bus connectors
 - Low-voltage connectors
 - Power distribution system with flat cables
 - Distribution systems
 - Room automation with KNX and wireless technology
 - DIN rail terminal blocks for electrical installations
 - Overvoltage protection