## A Interface module selection

### ➤ Solution 1

#### ◆ 12-channel digital direct input - H System — 1 module

| Wiring | Compact version | Connection: Screw | Connection: Tension c. | 1 LED per ch. | Discon-nectable | Fuse | Order No. | Type |
|---|---|---|---|---|---|---|---|---|
| **2-wire (signal, + or –)** | | | | | | | • *9445630000* | RS 12ES-D-L H/V |

### ➤ Solution 2

#### ◆ 16-channel digital optocoupler input - H System — 1 module

| Input voltage | Compact version | Connection: Screw | Connection: Tension c. | 1 LED per ch. | Pluggable optocoupler | Order No. | Type |
|---|---|---|---|---|---|---|---|
| **24…48 Vac/dc** | | | | | OD | • **9446900000** | RS16E-OD 24-48V H/V (*) |
| **115 Vac/dc** | | | | | OD | • *9446910000* | RS16E-OD 115 H/V (*) |
| **230 Vac/dc** | | | | | OD | • *9446920000* | RS16E-OD 230V H/V (*) |

(*) 4 channels not used

## B Cable selection

#### ◆ Compatible cable

| Type | Qty | Order No. |
|---|---|---|
| Standard | 1 | • *7789312xxx* |

**Note:**
The Order No. suffix **xxx** indicates the length of the cable in **dm ( = 10 cm)**.

Standard lengths:

| Length **L** | Suffix **(xxx)** |
|---|---|
| • 1,00 m | (010) |
| • 1,50 m | (015) |
| • 2,00 m | (020) |
| • 3,00 m | (030) |
| • 4,00 m | (040) |
| • 5,00 m | (050) |

➤ *Click the Order No. to view the technical data*

## A Interface module selection

### ◆ 8-channel digital direct input - R System — 1 module

| Wiring | Compact version | Connection: Screw | Connection: Tension c. | 1 LED per ch. | Disconnectable | Fuse | Order No. | Type |
|---|---|---|---|---|---|---|---|---|
| **2-wire (signal, + or –)** | |  | | | | | • **9441540000** | RS8ES-DP RSV1,6/V |

## B Cable selection

### ◆ Compatible cable

| Type | Qty | Order No. |
|---|---|---|
| Standard | 1 | • *7789307xxx* |

**Note:**
The Order No. suffix **xxx** indicates the length of the cable in **dm ( = 10 cm)**.

Standard lengths:

| Length **L** | Suffix **(xxx)** |
|---|---|
| • 1,00 m | (010) |
| • 1,50 m | (015) |
| • 2,00 m | (020) |
| • 3,00 m | (030) |
| • 4,00 m | (040) |
| • 5,00 m | (050) |

➤ *Click the Order No. to view the technical data*

## A Interface module selection

### ➤ Solution 1

#### ◆ 12-channel digital direct input - H System — 1 module

| Wiring | Compact version | Connection: Screw | Connection: Tension c. | 1 LED per ch. | Discon-nectable | Fuse | Order No. | Type |
|---|---|---|---|---|---|---|---|---|
| **2-wire (signal, + or –)** | | | | | | | • *9445630000* | RS 12ES-D-L H/V |

### ➤ Solution 2

#### ◆ 16-channel digital optocoupler input - H System — 1 module

| Input voltage | Compact version | Connection: Screw | Connection: Tension c. | 1 LED per ch. | Pluggable optocoupler | Order No. | Type |
|---|---|---|---|---|---|---|---|
| **24…48 Vac/dc** | | | | | OD | • **9446900000** | RS16E-OD 24-48V H/V (*) |
| **115 Vac/dc** | | | | | OD | • *9446910000* | RS16E-OD 115 H/V (*) |
| **230 Vac/dc** | | | | | OD | • *9446920000* | RS16E-OD 230V H/V (*) |

(*) 4 channels not used

## B Cable selection

#### ◆ Compatible cable

| Type | Qty | Order No. |
|---|---|---|
| Standard | 1 | • *7789301xxx* |

**Note:**
The Order No. suffix **xxx** indicates the length of the cable in **dm ( = 10 cm)**.

Standard lengths:

| Length **L** | Suffix **(xxx)** |
|---|---|
| • 1,00 m | (010) |
| • 1,50 m | (015) |
| • 2,00 m | (020) |
| • 3,00 m | (030) |
| • 4,00 m | (040) |
| • 5,00 m | (050) |

➤ *Click the Order No. to view the technical data*

## A Interface module selection

### ◆ 8-channel digital direct input - R System — 1 module

| Wiring | Compact version | Connection: Screw | Connection: Tension c. | 1 LED per ch. | Disconnectable | Fuse | Order No. | Type |
|---|---|---|---|---|---|---|---|---|
| **2-wire (signal, + or –)** | |  | | | | | • **9441540000** | RS8ES-DP RSV1,6/V |

## B Cable selection

### ◆ Compatible cable

| Type | Qty | Order No. |
|---|---|---|
| Standard | 1 | • *7789307xxx* |

**Note:**
The Order No. suffix **xxx** indicates the length of the cable in **dm ( = 10 cm)**.

Standard lengths:

| Length **L** | Suffix **(xxx)** |
|---|---|
| • 1,00 m | (010) |
| • 1,50 m | (015) |
| • 2,00 m | (020) |
| • 3,00 m | (030) |
| • 4,00 m | (040) |
| • 5,00 m | (050) |

➤ *Click the Order No. to view the technical data*

## A Interface module selection

### ➤ Solution 1

#### ◆ 32-channel digital direct input - H System — 1 module

| Wiring | Compact version | Connection: Screw | Connection: Tension c. | 1 LED per ch. | Disconnectable | Fuse | Order No. | Type |
|---|---|---|---|---|---|---|---|---|
| 1-wire (signal) | ✓ | ✓ | | | | | • **9445900000** | RS 32ES H/V |
| | ✓ | ✓ | | ✓ | | | • **9445910000** | RS 32ES-L H/V |
| | | | ✓ | | | | • *9447900000* | RS 32ES H/Z |
| | | | ✓ | ✓ | | | • *9447910000* | RS 32ES-L H/Z |
| | | ✓ | | ✓ | ✓ | | • *9445870000* | RS 32ES-S-I-L H/V |
| 2-wire (signal, + or –) | ✓ | ✓ | | ✓ | | | • **9445930000** | RS 32ES-D-L H/V |
| | | | ✓ | ✓ | | | • *9447930000* | RS 32ES-D-L H/Z |
| | ✓ | ✓ | | ✓ | ✓ | | • *9445950000* | RS 32ES-D-I-L H/V |
| | | | ✓ | ✓ | ✓ | | • *9447950000* | RS 32ES-D-I-L H/Z |
| | | ✓ | | | | ✓ | • *9445980000* | RS 32ES-D-F H/V |
| 3-wire (signal, + and –) | ✓ | ✓ | | | | | • **9445960000** | RS 32ES-T H/V |
| | ✓ | ✓ | | ✓ | | | • **9445970000** | RS 32ES-T-L H/V |
| | | | ✓ | ✓ | | | • *9447970000* | RS 32ES-T-L H/Z |

### ➤ Solution 2

#### ◆ 16-channel digital optocoupler input - H System — 2 modules

| Input voltage | Compact version | Connection: Screw | Connection: Tension c. | 1 LED per ch. | Pluggable optocoupler | Order No. | Type |
|---|---|---|---|---|---|---|---|
| 24…48 Vac/dc | ✓ | ✓ | | ✓ | OD | • **9446900000** | RS16E-OD 24-48V H/V |
| 115 Vac/dc | ✓ | ✓ | | ✓ | OD | • *9446910000* | RS16E-OD 115 H/V |
| 230 Vac/dc | ✓ | ✓ | | ✓ | OD | • *9446920000* | RS16E-OD 230V H/V |

## B Cable selection

### ◆ Compatible cable

| Type | Qty | Order No. |
|---|---|---|
| Standard | 1 | • *7789314xxx* |

**Note:**
The Order No. suffix **xxx** indicates the length of the cable in **dm ( = 10 cm)**.

Standard lengths:

| Length **L** | Suffix **(xxx)** |
|---|---|
| • 1,00 m | (010) |
| • 1,50 m | (015) |
| • 2,00 m | (020) |
| • 3,00 m | (030) |
| • 4,00 m | (040) |
| • 5,00 m | (050) |

➤ *Click the Order No. to view the technical data*

## A Relay output module selection

### ◆ 8-channel digital relay ouput - H System — 1 module

| Compact version | Connection: Screw | Connection: Tension c. | Type of contact | Fuse | Force function | E-valve ctrl. | Order No. | Type |
|---|---|---|---|---|---|---|---|---|
| >C< |  | | 1CO | | | | • **9445000000** | RSM8C-1CO H/V |
| >C< | |  | 1CO | | | | • *9447000000* | RSM8C-1CO H/Z |

**OR**

## A1 Direct output module selection

Click here

## B Cable selection

### ◆ Compatible cable

| Type | Qty | Order No. |
|---|---|---|
| Standard | 1 | • *7789312xxx* |

**Note:**
The Order No. suffix **xxx** indicates the length of the cable in **dm ( = 10 cm)**.

Standard lengths:

| Length **L** | Suffix **(xxx)** |
|---|---|
| • 1,00 m | (010) |
| • 1,50 m | (015) |
| • 2,00 m | (020) |
| • 3,00 m | (030) |
| • 4,00 m | (040) |
| • 5,00 m | (050) |

➤ *Click the Order No. to view the technical data*

## A Relay output module selection

### ◆ 8-channel digital relay ouput - H System — 1 module

| Compact version | Connection: Screw | Connection: Tension c. | Type of contact | Fuse | Force function | E-valve ctrl. | Order No. | Type |
|---|---|---|---|---|---|---|---|---|
| >C< |  | | 1CO | | | | • **9445000000** | RSM8C-1CO H/V |
| >C< | |  | 1CO | | | | • *9447000000* | RSM8C-1CO H/Z |

**OR**

## A1 Direct output module selection

Click here

## B Cable selection

### ◆ Compatible cable

| Type | Qty | Order No. |
|---|---|---|
| Standard | 1 | • *7789312xxx* |

**Note:**
The Order No. suffix **xxx** indicates the length of the cable in **dm ( = 10 cm)**.

Standard lengths:

| Length **L** | Suffix **(xxx)** |
|---|---|
| • 1,00 m | (010) |
| • 1,50 m | (015) |
| • 2,00 m | (020) |
| • 3,00 m | (030) |
| • 4,00 m | (040) |
| • 5,00 m | (050) |

➤ *Click the Order No. to view the technical data*

## A Interface module selection

**Note:** To select a module, observe the rated voltage of the card.

### ◆ 16-channel digital direct output - R System — 1 module

| Wiring | Compact version | Connection: Screw | Connection: Tension c. | 1 LED per ch. | Discon-nectable | Fuse | Order No. | Type |
|---|---|---|---|---|---|---|---|---|
| **1-wire (signal)** | | ✓ | | | | | • **9441500000** | RS16ES RSV1,6/V |
| | | ✓ | | | ⊣⊢ | | • *9441860000* | RS16ES-I RSV1,6/V **(*)** |
| **2-wire (signal, + or –)** | | ✓ | | | | | • **9441700000** | RS16ES-DP RSV1,6/V |
| | | ✓ | | | | ▭ | • *9441560000* | RS16ES-DP/F RSV1,6/V |
| **3-wire (signal, + and –)** | | ✓ | | | ⊣⊢ | | • *9441600000* | RS16E-3E/I RSV1,6/V |

**(*) Applicable for a voltage of 250 V**

## B Cable selection

### ◆ Compatible cable

| Type | Qty | Order No. |
|---|---|---|
| Standard | 1 | • *7789308xxx* |

**Note:**
The Order No. suffix **xxx** indicates the length of the cable in **dm ( = 10 cm)**.

Standard lengths:

| Length **L** | Suffix **(xxx)** |
|---|---|
| • 1,00 m | (010) |
| • 1,50 m | (015) |
| • 2,00 m | (020) |
| • 3,00 m | (030) |
| • 4,00 m | (040) |
| • 5,00 m | (050) |

➤ *Click the Order No. to view the technical data*

## A Relay output module selection

### ◆ 8-channel digital relay ouput - H System — 1 module

| | Compact version | Connection: Screw | Connection: Tension c. | Type of contact | Fuse | Force function | E-valve ctrl. | Order No. | Type |
|---|---|---|---|---|---|---|---|---|---|
| | >C< |  | | 1CO | | | | • **9445000000** | RSM8C-1CO H/V |
| | >C< | |  | 1CO | | | | • *9447000000* | RSM8C-1CO H/Z |

**OR**

## A1 Direct output module selection

Click here

## B Cable selection

### ◆ Compatible cable

| Type | Qty | Order No. |
|---|---|---|
| Standard | 1 | • *7789301xxx* |

**Note:**
The Order No. suffix **xxx** indicates the length of the cable in **dm ( = 10 cm)**.

Standard lengths:

| Length **L** | Suffix **(xxx)** |
|---|---|
| • 1,00 m | (010) |
| • 1,50 m | (015) |
| • 2,00 m | (020) |
| • 3,00 m | (030) |
| • 4,00 m | (040) |
| • 5,00 m | (050) |

➤ *Click the Order No. to view the technical data*

## A Relay output module selection

### Solution 1

#### 32-channel digital relay ouput - H System — 1 module

| Compact version | Connection: Screw | Connection: Tension c. | Type of contact | Fuse | Force function | E-valve ctrl. | Order No. | Type |
|---|---|---|---|---|---|---|---|---|
| ✕ | ✓ | | 1CO | | | | • **1108470000** | RSM32C-1CO H/V |
| ✕ | | ✓ | 1CO | | | | • *9447200000* | RSM32C-1CO H/Z |
| | ✓ | | 1CO | ✓ | | | • *9445220000* | RSM32-1CO-Fu H/V |

### Solution 2

#### 16-channel digital relay ouput - H System — 2 modules

| Compact version | Connection: Screw | Connection: Tension c. | Type of contact | Fuse | Force function | E-valve ctrl. | Order No. | Type |
|---|---|---|---|---|---|---|---|---|
| | ✓ | | 1CO | | | | • **9444610000** | RSM16-NV/1CO 24V (-/+) |
| | | ✓ | 1CO | | | | • *9444660000* | RSM16-NZ/1CO 24V (-/+) |
| ✕ | ✓ | | 1CO | | | | • *9445100000* | RSM16C-1CO H/V |
| ✕ | | ✓ | 1CO | | | | • *9447100000* | RSM16C-1CO H/Z |
| ✕ | ✓ | | 1CO | | | | • **1079390000** | RSM16 SLIM-1CO H/V |
| ✕ | ✓ | | 1CO | | | | • *1094970000* | SUPPORT RSM16 SLIM-1CO H/V |
| | ✓ | | 2CO | | | | • *9445160000* | RSM16-2CO H/V |
| | | ✓ | 2CO | | | | • *9447160000* | RSM16-2CO H/Z |
| | ✓ | | 1CO | | ✓ | | • *9445140000* | RSM16-1CO-Fo H/V |
| | ✓ | | 1CO | ✓ | | | • *9445120000* | RSM16-1CO-Fu H/V |
| | | ✓ | 1CO | ✓ | | | • *9447120000* | RSM16-1CO-Fu H/Z |
| | ✓ | | 1NO | | | ✓ | • *9445180000* | RSM16 1NO/CDE-EV 24V- H/V |

**OR**

## A1 Direct output module selection

Click here

## B Cable selection

### Compatible cable

| Type | Qty | Order No. |
|---|---|---|
| Standard | 1 | • *7789314xxx* |

**Note:**
The Order No. suffix **xxx** indicates the length of the cable in **dm ( = 10 cm)**.

Standard lengths:

| Length **L** | Suffix **(xxx)** |
|---|---|
| • 1,00 m | (010) |
| • 1,50 m | (015) |
| • 2,00 m | (020) |
| • 3,00 m | (030) |
| • 4,00 m | (040) |
| • 5,00 m | (050) |

*Click the Order No. to view the technical data*

## A Interface module selection

**Note:** To select a module, observe the rated voltage of the card.

### ◆ 32-channel digital direct output - R System — 1 module

| Wiring | Compact version | Connection: Screw | Connection: Tension c. | 1 LED per ch. | Inter-ruptible | Fuse | Order No. | Type |
|---|---|---|---|---|---|---|---|---|
| **1-wire (signal)** | | ✓ | | | | | • **9441510000** | RS32ES RSV1,6/V |
| | | ✓ | | | ✓ | | • *9441870000* | RS32ES-I RSV1,6/V **(*)** |
| **2-wire (signal, + or –)** | | ✓ | | | | | • **9441710000** | RS32ES-DP RSV1,6/V |
| | | ✓ | | | | ✓ | • *9441570000* | RS32ES-DP/F RSV1,6/V |
| **3-wire (signal, + and –)** | | ✓ | | | ✓ | | • **9441610000** | RS32E-3E/I RSV1,6/V |

**(*) Applicable for a voltage of 250 V**

## B Cable selection

### ◆ Compatible cable

| Type | Qty | Order No. |
|---|---|---|
| Standard | 1 | • *7789330xxx* |

**Note:**
The Order No. suffix **xxx** indicates the length of the cable in **dm ( = 10 cm)**.

Standard lengths:

| Length **L** | Suffix **(xxx)** |
|---|---|
| • 1,00 m | (010) |
| • 1,50 m | (015) |
| • 2,00 m | (020) |
| • 3,00 m | (030) |
| • 4,00 m | (040) |
| • 5,00 m | (050) |

➤ *Click the Order No. to view the technical data*

# I/O card TSX DMZ 28DT

## A Interface module selection

**Input selection**
***Click here***

**Output selection**
***Click here***

## B Cable selection

### ◆ Compatible cable

| Type | Qty | Order No. |
|---|---|---|
| Standard | 1 | • *7789313xxx* |

**Note:**
The Order No. suffix **xxx** indicates the length of the cable in **dm ( = 10 cm)**.

Standard lengths:

| Length **L** | Suffix **(xxx)** |
|---|---|
| • 1,00 m | (010) |
| • 1,50 m | (015) |
| • 2,00 m | (020) |
| • 3,00 m | (030) |
| • 4,00 m | (040) |
| • 5,00 m | (050) |

➤ *Click the Order No. to view the technical data*

## A Interface module selection

**Note:** To select a module, observe the rated voltage of the card.

### ◆ 16-channel digital direct input/output - R System — 2 modules

| Wiring | Compact version | Connection: Screw | Connection: Tension c. | 1 LED per ch. | Inter-ruptible | Fuse | Order No. | Type |
|---|---|---|---|---|---|---|---|---|
| **1-wire (signal)** | | ✓ | | | | | • **9441500000** | RS16ES RSV1,6/V |
| | | ✓ | | | ✓ | | • *9441860000* | RS16ES-I RSV1,6/V **(*)** |
| **2-wire (signal, + or –)** | | ✓ | | | | | • **9441700000** | RS16ES-DP RSV1,6/V |
| | | ✓ | | | | ✓ | • *9441560000* | RS16ES-DP/F RSV1,6/V |
| **3-wire (signal, + and –)** | | ✓ | | | ✓ | | • *9441600000* | RS16E-3E/I RSV1,6/V |

**(*) Applicable for a voltage of 250 V**

## B Cable selection

### ◆ Compatible cable

| Type | Qty | Order No. |
|---|---|---|
| Standard | 1 | • *7789331xxx (*)* |

*(*) For the outputs, 12 channels with same common*

**Note:**
The Order No. suffix **xxx** indicates the length of the cable in **dm ( = 10 cm)**.

Standard lengths:

| Length **L** | Suffix **(xxx)** |
|---|---|
| • 1,00 m | (010) |
| • 1,50 m | (015) |
| • 2,00 m | (020) |
| • 3,00 m | (030) |
| • 4,00 m | (040) |
| • 5,00 m | (050) |

➤ *Click the Order No. to view the technical data*

## A Interface module selection

**Note:** To select a module, observe the rated voltage of the card.

### ◆ 16-channel digital direct input/output - R System — 2 modules

| Wiring | Compact version | Connection: Screw | Connection: Tension c. | 1 LED per ch. | Inter-ruptible | Fuse | Order No. | Type |
|---|---|---|---|---|---|---|---|---|
| **1-wire (signal)** | | ✓ | | | | | • **9441500000** | RS16ES RSV1,6/V |
| | | ✓ | | | ⊣⊢ | | • *9441860000* | RS16ES-I RSV1,6/V **(*)** |
| **2-wire (signal, + or –)** | | ✓ | | | | | • **9441700000** | RS16ES-DP RSV1,6/V |
| | | ✓ | | | | ▭ | • *9441560000* | RS16ES-DP/F RSV1,6/V |
| **3-wire (signal, + and –)** | | ✓ | | | ⊣⊢ | | • *9441600000* | RS16E-3E/I RSV1,6/V |

**(*) Applicable for a voltage of 250 V**

## B Cable selection

### ◆ Compatible cable

| Type | Qty | Order No. |
|---|---|---|
| Standard | 1 | • *7789331xxx (*)* |

*(*) For the outputs, 12 channels with same common*

**Note:**
The Order No. suffix **xxx** indicates the length of the cable in **dm ( = 10 cm)**.

Standard lengths:

| Length **L** | Suffix **(xxx)** |
|---|---|
| • 1,00 m | (010) |
| • 1,50 m | (015) |
| • 2,00 m | (020) |
| • 3,00 m | (030) |
| • 4,00 m | (040) |
| • 5,00 m | (050) |

➤ *Click the Order No. to view the technical data*

# I/O card TSX DMZ 64DTK

## A Interface module selection

**Input selection**
***Click here***

**Output selection**
***Click here***

## B Cable selection

### ◆ Compatible cable

| Type | Qty | Order No. |
|---|---|---|
| Standard | 4 | • *7789301xxx* |

**Note:**
The Order No. suffix **xxx** indicates the length of the cable in **dm ( = 10 cm)**.

Standard lengths:

| Length **L** | Suffix **(xxx)** |
|---|---|
| • 1,00 m | (010) |
| • 1,50 m | (015) |
| • 2,00 m | (020) |
| • 3,00 m | (030) |
| • 4,00 m | (040) |
| • 5,00 m | (050) |

➤ *Click the Order No. to view the technical data*

## A Interface module selection

**Input selection**
***Click here***

**Output selection**
***Click here***

## B Cable selection

### ◆ Compatible cable

| Type | Qty | Order No. |
|---|---|---|
| Standard | 2 | • *7789301xxx* |

**Note:**
The Order No. suffix **xxx** indicates the length of the cable in **dm ( = 10 cm)**.

Standard lengths:

| Length **L** | Suffix **(xxx)** |
|---|---|
| • 1,00 m | (010) |
| • 1,50 m | (015) |
| • 2,00 m | (020) |
| • 3,00 m | (030) |
| • 4,00 m | (040) |
| • 5,00 m | (050) |

➤ *Click the Order No. to view the technical data*

## A Interface module selection

### ◆ 16-channel digital direct input/output - H System — 1 module

| Wiring | Compact version | Connection: Screw | Connection: Tension c. | 1 LED per ch. | Discon-nectable | Fuse | Order No. | Type |
|---|---|---|---|---|---|---|---|---|
| 1-wire (signal) | ✕ | ✕ | | | | | • **9445700000** | RS 16ES H/V |
| | ✕ | ✕ | | ✕ | | | • **9445710000** | RS 16ES-L H/V |
| | | | ✕ | | | | • *9447700000* | RS 16ES H/Z |
| | | | ✕ | ✕ | | | • *9447710000* | RS 16ES-L H/Z |
| | | ✕ | | ✕ | ✕ | | • *9445810000* | RS 16ES-S-I-L H/V |
| 2-wire (signal, + or –) | ✕ | ✕ | | | | | • **9445720000** | RS 16ES-D H/V |
| | ✕ | ✕ | | ✕ | | | • **9445730000** | RS 16ES-D-L H/V |
| | | | ✕ | ✕ | | | • *9447730000* | RS 16ES-D-L H/Z |
| | ✕ | ✕ | | ✕ | ✕ | | • *9445750000* | RS 16ES-D-I-L H/V |
| | | | ✕ | ✕ | ✕ | | • *9447750000* | RS 16ES-D-I-L H/Z |
| | | ✕ | | | | ✕ | • *9445820000* | RS 16ES-D-F H/V |
| 3-wire (signal, + and –) | ✕ | ✕ | | | | | • **9445760000** | RS 16ES-T H/V |
| | ✕ | ✕ | | ✕ | | | • **9445770000** | RS 16ES-T-L H/V |
| | | | ✕ | ✕ | | | • *9447770000* | RS 16ES-T-L H/Z |

## B Cable selection

### ◆ Compatible cable

| Type | Qty | Order No. |
|---|---|---|
| Standard | 1 | • *7789301xxx* |

**Note:**
The Order No. suffix **xxx** indicates the length of the cable in **dm ( = 10 cm)**.

Standard lengths:

| Length **L** | Suffix **(xxx)** |
|---|---|
| • 1,00 m | (010) |
| • 1,50 m | (015) |
| • 2,00 m | (020) |
| • 3,00 m | (030) |
| • 4,00 m | (040) |
| • 5,00 m | (050) |

➤ *Click the Order No. to view the technical data*

## A Interface module selection

### ◆ 9-channel analog input/output type M — 1 module

| | Compact version | Connection: Screw | Connection: Tension c. | Common distribution | Discon-nectable | Test point | Order No. | Type |
|---|---|---|---|---|---|---|---|---|
| **Specific M** | |  | | | | | • *9448040000* | RS8E1SA MICRO SD/V |

## B Cable selection

### ◆ Compatible cable

| Type | Qty | Order No. |
|---|---|---|
| Standard | 1 | • *7789257xxx* |

**Note:**
The Order No. suffix **xxx** indicates the length of the cable in **dm ( = 10 cm)**.

Standard lengths:

| Length **L** | Suffix **(xxx)** |
|---|---|
| • 1,00 m | (010) |
| • 1,50 m | (015) |
| • 2,00 m | (020) |
| • 3,00 m | (030) |
| • 4,00 m | (040) |
| • 5,00 m | (050) |

➤ *Click the Order No. to view the technical data*

## A Interface module selection

### ◆ 8-channel analog input/output — 1 module

| | Compact version | Connection: Screw | Connection: Tension c. | Common distribution | Discon-nectable | Test point | Order No. | Type |
|---|---|---|---|---|---|---|---|---|
| **Standard** | | ✓ | | ✓ | | | • **9448010000** | RS8ESA-DP SD/V |
| | | ✓ | | ✓ | ✓ | ✓ | • *9448110000* | RS8ESA/I-M-DP SD/V |
| | | | ✓ | ✓ | ✓ | ✓ | • *9449110000* | RS8ESA/I-M-DP SD/Z |
| | ✓ | ✓ | | | | | • *8155650000* | RS-SD 25M/C (*) |

(*) **Warning:**
Take in consideration the marking of the connector

## B Cable selection

### ◆ Compatible cable

| Type | Qty | Order No. |
|---|---|---|
| Standard | 1 | • *7789311xxx* |

**Note:**
The Order No. suffix **xxx** indicates the length of the cable in **dm ( = 10 cm)**.

Standard lengths:

| Length **L** | Suffix **(xxx)** |
|---|---|
| • 1,00 m | (010) |
| • 1,50 m | (015) |
| • 2,00 m | (020) |
| • 3,00 m | (030) |
| • 4,00 m | (040) |
| • 5,00 m | (050) |

➤ *Click the Order No. to view the technical data*

## A Interface module selection

### ◆ 8-channel analog input/output — 1 module

| | Compact version | Connection: Screw | Connection: Tension c. | Common distribution | Discon-nectable | Test point | Order No. | Type |
|---|---|---|---|---|---|---|---|---|
| **Standard** | | ✓ | | ✓ | | | • **9448010000** | RS8ESA-DP SD/V |
| | | ✓ | | ✓ | ✓ | ✓ | • *9448110000* | RS8ESA/I-M-DP SD/V |
| | | | ✓ | ✓ | ✓ | ✓ | • *9449110000* | RS8ESA/I-M-DP SD/Z |
| | ✓ | ✓ | | | | | • *8155650000* | RS-SD 25M/C (*) |

(*) **Warning:**
Take in consideration the marking of the connector

## B Cable selection

### ◆ Compatible cable

| Type | Qty | Order No. |
|---|---|---|
| Standard | 1 | • *7789311xxx* |

**Note:**
The Order No. suffix **xxx** indicates the length of the cable in **dm ( = 10 cm)**.

Standard lengths:

| Length **L** | Suffix **(xxx)** |
|---|---|
| • 1,00 m | (010) |
| • 1,50 m | (015) |
| • 2,00 m | (020) |
| • 3,00 m | (030) |
| • 4,00 m | (040) |
| • 5,00 m | (050) |

➤ *Click the Order No. to view the technical data*

## A Interface module selection

### ◆ 4-channel analog input/output — 1 module

| | Compact version | Connection: Screw | Connection: Tension c. | Common distribution | Discon-nectable | Test point | Order No. | Type |
|---|---|---|---|---|---|---|---|---|
| **Standard** | | ✓ | | ✓ | | | • **9448000000** | RS4ESA-DP SD/V |
| | | ✓ | | ✓ | ✓ | ✓ | • *9448100000* | RS4ESA/I-M-DP SD/V |
| | ✓ | ✓ | | | | | • *8233350000* | RS-SD 15M/C (*) |

(*) **Warning:**
Take in consideration the marking of the connector

## B Cable selection

### ◆ Compatible cable

| Type | Qty | Order No. |
|---|---|---|
| Standard | 1 | • *7789309xxx* |

**Note:**
The Order No. suffix **xxx** indicates the length of the cable in **dm ( = 10 cm)**.

Standard lengths:

| Length **L** | Suffix **(xxx)** |
|---|---|
| • 1,00 m | (010) |
| • 1,50 m | (015) |
| • 2,00 m | (020) |
| • 3,00 m | (030) |
| • 4,00 m | (040) |
| • 5,00 m | (050) |

➤ *Click the Order No. to view the technical data*

## A Interface module selection

### ◆ 9-channel analog input/output type M — 1 module

| | Compact version | Connection: Screw | Connection: Tension c. | Common distribution | Discon-nectable | Test point | Order No. | Type |
|---|---|---|---|---|---|---|---|---|
| **Specific M** | |  | | | | | • *9448040000* | RS8E1SA MICRO SD/V |

## B Cable selection

### ◆ Compatible cable

| Type | Qty | Order No. |
|---|---|---|
| Standard | 1 | • *7789257xxx* |

**Note:**
The Order No. suffix **xxx** indicates the length of the cable in **dm ( = 10 cm)**.

Standard lengths:

| Length **L** | Suffix **(xxx)** |
|---|---|
| • 1,00 m | (010) |
| • 1,50 m | (015) |
| • 2,00 m | (020) |
| • 3,00 m | (030) |
| • 4,00 m | (040) |
| • 5,00 m | (050) |

➤ *Click the Order No. to view the technical data*

## A Interface module selection

### ◆ 4-channel analog input/output — 1 module

| | Compact version | Connection: Screw | Connection: Tension c. | Common distribution | Discon-nectable | Test point | Order No. | Type |
|---|---|---|---|---|---|---|---|---|
| **Standard** | | ✓ | | ✓ | | | • **9448000000** | RS4ESA-DP SD/V |
| | | ✓ | | ✓ | ✓ | ✓ | • *9448100000* | RS4ESA/I-M-DP SD/V |
| | ✓ | ✓ | | | | | • *8233350000* | RS-SD 15M/C (*) |

(*) **Warning:**
Take in consideration the marking of the connector

## B Cable selection

### ◆ Compatible cable

| Type | Qty | Order No. |
|---|---|---|
| Standard | 1 | • *7789310xxx* |

**Note:**
The Order No. suffix **xxx** indicates the length of the cable in **dm ( = 10 cm)**.

Standard lengths:

| Length **L** | Suffix **(xxx)** |
|---|---|
| • 1,00 m | (010) |
| • 1,50 m | (015) |
| • 2,00 m | (020) |
| • 3,00 m | (030) |
| • 4,00 m | (040) |
| • 5,00 m | (050) |

➤ *Click the Order No. to view the technical data*

## A Interface module selection

### ◆ 4-channel analog input/output — 1 module

| | Compact version | Connection: Screw | Connection: Tension c. | Common distribution | Discon-nectable | Test point | Order No. | Type |
|---|---|---|---|---|---|---|---|---|
| **Standard** | | ✓ | | ✓ | | | • **9448000000** | RS4ESA-DP SD/V |
| | | ✓ | | ✓ | ✓ | ✓ | • *9448100000* | RS4ESA/I-M-DP SD/V |
| | ✓ | ✓ | | | | | • *8233350000* | RS-SD 15M/C (*) |

(*) **Warning:**
Take in consideration the marking of the connector

## B Cable selection

### ◆ Compatible cable

| Type | Qty | Order No. |
|---|---|---|
| Standard | 1 | • *7789310xxx* |

**Note:**
The Order No. suffix **xxx** indicates the length of the cable in **dm ( = 10 cm)**.

Standard lengths:

| Length **L** | Suffix **(xxx)** |
|---|---|
| • 1,00 m | (010) |
| • 1,50 m | (015) |
| • 2,00 m | (020) |
| • 3,00 m | (030) |
| • 4,00 m | (040) |
| • 5,00 m | (050) |

➤ *Click the Order No. to view the technical data*

## Input interface module selection

### ➤ Solution 1

#### ◆ 16-channel digital direct input - H System — 1 module

| Wiring | Compact version | Connection: Screw | Connection: Tension c. | 1 LED per ch. | Discon-nectable | Fuse | Order No. | Type |
|---|---|---|---|---|---|---|---|---|
| 1-wire (signal) | ✕ | ✕ | | | | | • **9445700000** | RS 16ES H/V |
| | ✕ | ✕ | | ✕ | | | • **9445710000** | RS 16ES-L H/V |
| | | | ✕ | | | | • *9447700000* | RS 16ES H/Z |
| | | | ✕ | ✕ | | | • *9447710000* | RS 16ES-L H/Z |
| | | ✕ | | ✕ | ✕ | | • *9445810000* | RS 16ES-S-I-L H/V |
| 2-wire (signal, + or –) | ✕ | ✕ | | | | | • **9445720000** | RS 16ES-D H/V |
| | ✕ | ✕ | | ✕ | | | • **9445730000** | RS 16ES-D-L H/V |
| | | | ✕ | ✕ | | | • *9447730000* | RS 16ES-D-L H/Z |
| | ✕ | ✕ | | ✕ | ✕ | | • *9445750000* | RS 16ES-D-I-L H/V |
| | | | ✕ | ✕ | ✕ | | • *9447750000* | RS 16ES-D-I-L H/Z |
| | | ✕ | | | | ✕ | • *9445820000* | RS 16ES-D-F H/V |
| 3-wire (signal, + and –) | ✕ | ✕ | | | | | • **9445760000** | RS 16ES-T H/V |
| | ✕ | ✕ | | ✕ | | | • **9445770000** | RS 16ES-T-L H/V |
| | | | ✕ | ✕ | | | • *9447770000* | RS 16ES-T-L H/Z |

### ➤ Solution 2

#### ◆ 16-channel digital optocoupler input - H System — 1 module

| Input voltage | Compact version | Connection: Screw | Connection: Tension c. | 1 LED per ch. | Pluggable optocoupler | Order No. | Type |
|---|---|---|---|---|---|---|---|
| 24…48 Vac/dc | ✕ | ✕ | | ✕ | OD | • **9446900000** | RS16E-OD 24-48V H/V |
| 115 Vac/dc | ✕ | ✕ | | ✕ | OD | • *9446910000* | RS16E-OD 115 H/V |
| 230 Vac/dc | ✕ | ✕ | | ✕ | OD | • *9446920000* | RS16E-OD 230V H/V |

**Output selection**
*Click here*

**Cable selection**
*Click here*

➤ *Click the Order No. to view the technical data*

## Output interface module selection

### ➤ Solution 1 *Relay output module selection*

◆ **12-channel digital relay ouput - H System** — **1 module**

| | Compact version | Connection: Screw | Connection: Tension c. | Type of contact | Fuse | Force function | E-valve ctrl. | Order No. | Type |
|---|---|---|---|---|---|---|---|---|---|
| | >C< | | | 1CO | | | | • *9445060000* | RSM12C-1CO H/V |

### ➤ Solution 2 *Direct output module selection*

Click here

**Input selection**
*Click here*

**Cable selection**
*Click here*

➤ *Click the Order No. to view the technical data*

## Input interface module selection

### ➤ Solution 1

#### ◆ 32-channel digital direct input - H System — 1 module

| Wiring | Compact version | Connection: Screw | Connection: Tension c. | 1 LED per ch. | Disconnectable | Fuse | Order No. | Type |
|---|---|---|---|---|---|---|---|---|
| 1-wire (signal) | ✕ | ✕ | | | | | • **9445900000** | RS 32ES H/V |
| | ✕ | ✕ | | ✕ | | | • **9445910000** | RS 32ES-L H/V |
| | | | ✕ | | | | • *9447900000* | RS 32ES H/Z |
| | | | ✕ | ✕ | | | • *9447910000* | RS 32ES-L H/Z |
| | | ✕ | | ✕ | ✕ | | • *9445870000* | RS 32ES-S-I-L H/V |
| 2-wire (signal, + or –) | ✕ | ✕ | | ✕ | | | • **9445930000** | RS 32ES-D-L H/V |
| | | | ✕ | ✕ | | | • *9447930000* | RS 32ES-D-L H/Z |
| | ✕ | ✕ | | ✕ | ✕ | | • *9445950000* | RS 32ES-D-I-L H/V |
| | | | ✕ | ✕ | ✕ | | • *9447950000* | RS 32ES-D-I-L H/Z |
| | | ✕ | | | | ✕ | • *9445980000* | RS 32ES-D-F H/V |
| 3-wire (signal, + and –) | ✕ | ✕ | | | | | • **9445960000** | RS 32ES-T H/V |
| | ✕ | ✕ | | ✕ | | | • **9445970000** | RS 32ES-T-L H/V |
| | | | ✕ | ✕ | | | • *9447970000* | RS 32ES-T-L H/Z |

### ➤ Solution 2

#### ◆ 16-channel digital optocoupler input - H System — 2 modules

| Input voltage | Compact version | Connection: Screw | Connection: Tension c. | 1 LED per ch. | Pluggable optocoupler | Order No. | Type |
|---|---|---|---|---|---|---|---|
| 24…48 Vac/dc | ✕ | ✕ | | ✕ | OD | • **9446900000** | RS16E-OD 24-48V H/V |
| 115 Vac/dc | ✕ | ✕ | | ✕ | OD | • *9446910000* | RS16E-OD 115 H/V |
| 230 Vac/dc | ✕ | ✕ | | ✕ | OD | • *9446920000* | RS16E-OD 230V H/V |

**Output selection**
*Click here*

**Cable selection**
*Click here*

➤ *Click the Order No. to view the technical data*

## Output interface module selection

### ➤ Solution 1 — *Relay output module – 32 channels*

**◆ 32-channel digital relay output - H System** — 1 module

| Compact version | Connection: Screw | Connection: Tension c. | Type of contact | Fuse | Force function | E-valve ctrl. | Order No. | Type |
|---|---|---|---|---|---|---|---|---|
| ✕ | ✓ | | 1CO | | | | • **1108470000** | RSM32C-1CO H/V |
| ✕ | | ✓ | 1CO | | | | • *9447200000* | RSM32C-1CO H/Z |
| | ✓ | | 1CO | ✓ | | | • *9445220000* | RSM32-1CO-Fu H/V |

### ➤ Solution 2 — *Relay output module – 2x16 channels*

**◆ 16-channel digital relay output - H System** — 2 modules

| Compact version | Connection: Screw | Connection: Tension c. | Type of contact | Fuse | Force function | E-valve ctrl. | Order No. | Type |
|---|---|---|---|---|---|---|---|---|
| | ✓ | | 1CO | | | | • **9444610000** | RSM16-NV/1CO 24V (-/+) |
| | | ✓ | 1CO | | | | • *9444660000* | RSM16-NZ/1CO 24V (-/+) |
| ✕ | ✓ | | 1CO | | | | • *9445100000* | RSM16C-1CO H/V |
| ✕ | | ✓ | 1CO | | | | • *9447100000* | RSM16C-1CO H/Z |
| ✕ | ✓ | | 1CO | | | | • **1079390000** | RSM16 SLIM-1CO H/V |
| ✕ | ✓ | | 1CO | | | | • *1094970000* | SUPPORT RSM16 SLIM-1CO H/V |
| | ✓ | | 2CO | | | | • *9445160000* | RSM16-2CO H/V |
| | | ✓ | 2CO | | | | • *9447160000* | RSM16-2CO H/Z |
| | ✓ | | 1CO | | ✓ | | • *9445140000* | RSM16-1CO-Fo H/V |
| | ✓ | | 1CO | ✓ | | | • *9445120000* | RSM16-1CO-Fu H/V |
| | | ✓ | 1CO | ✓ | | | • *9447120000* | RSM16-1CO-Fu H/Z |
| | ✓ | | 1NO | | | ✓ | • *9445180000* | RSM16 1NO/CDE-EV 24V- H/V |

### ➤ Solution 3 — *Direct output module selection*

Click here

**Input selection**
*Click here*

**Cable selection**
*Click here*

*➤ Click the Order No. to view the technical data*

## Input interface module selection

### ➤ Solution 1

#### ◆ 16-channel digital direct input - H System — 1 module

| Wiring | Compact version | Connection: Screw | Connection: Tension c. | 1 LED per ch. | Discon-nectable | Fuse | Order No. | Type |
|---|---|---|---|---|---|---|---|---|
| 1-wire (signal) | ✕ | ✕ | | | | | • **9445700000** | RS 16ES H/V |
| | ✕ | ✕ | | ✕ | | | • **9445710000** | RS 16ES-L H/V |
| | | | ✕ | | | | • *9447700000* | RS 16ES H/Z |
| | | | ✕ | ✕ | | | • *9447710000* | RS 16ES-L H/Z |
| | | ✕ | | ✕ | ✕ | | • *9445810000* | RS 16ES-S-I-L H/V |
| 2-wire (signal, + or –) | ✕ | ✕ | | | | | • **9445720000** | RS 16ES-D H/V |
| | ✕ | ✕ | | ✕ | | | • **9445730000** | RS 16ES-D-L H/V |
| | | | ✕ | ✕ | | | • *9447730000* | RS 16ES-D-L H/Z |
| | ✕ | ✕ | | ✕ | ✕ | | • *9445750000* | RS 16ES-D-I-L H/V |
| | | | ✕ | ✕ | ✕ | | • *9447750000* | RS 16ES-D-I-L H/Z |
| | | ✕ | | | | ✕ | • *9445820000* | RS 16ES-D-F H/V |
| 3-wire (signal, + and –) | ✕ | ✕ | | | | | • **9445760000** | RS 16ES-T H/V |
| | ✕ | ✕ | | ✕ | | | • **9445770000** | RS 16ES-T-L H/V |
| | | | ✕ | ✕ | | | • *9447770000* | RS 16ES-T-L H/Z |

### ➤ Solution 2

#### ◆ 16-channel digital optocoupler input - H System — 1 module

| Input voltage | Compact version | Connection: Screw | Connection: Tension c. | 1 LED per ch. | Pluggable optocoupler | Order No. | Type |
|---|---|---|---|---|---|---|---|
| 24…48 Vac/dc | ✕ | ✕ | | ✕ | OD | • **9446900000** | RS16E-OD 24-48V H/V |
| 115 Vac/dc | ✕ | ✕ | | ✕ | OD | • *9446910000* | RS16E-OD 115 H/V |
| 230 Vac/dc | ✕ | ✕ | | ✕ | OD | • *9446920000* | RS16E-OD 230V H/V |

**Output selection**
*Click here*

**Cable selection**
*Click here*

➤ *Click the Order No. to view the technical data*

## Output interface module selection

### ➤ Solution 1 *Relay output module selection*

◆ **12-channel digital relay ouput - H System** — **1 module**

| Compact version | Connection: Screw | Connection: Tension c. | Type of contact | Fuse | Force function | E-valve ctrl. | Order No. | Type |
|---|---|---|---|---|---|---|---|---|
| >C< | | | 1CO | | | | • *9445060000* | RSM12C-1CO H/V |

### ➤ Solution 2 *Direct output module selection*

Click here

Input selection
*Click here*

Cable selection
*Click here*

➤ *Click the Order No. to view the technical data*

## Direct output module selection

### ◆ 8-channel digital direct output - H System — 1 module

| Wiring | Compact version | Connection: Screw | Connection: Tension c. | 1 LED per ch. | Disconnectable | Fuse | Order No. | Type |
|---|---|---|---|---|---|---|---|---|
| **2-wire (signal, + or –)** | |  | |  | | | • **9445530000** | RS 8ES-D-L H/V |

**Back to:**

TSX DSZ 04T22
TSX DSZ 08T2
TSX DSZ 08T2K

*Click the Order No. to view the technical data*

## Direct output module selection

### ◆ 12-channel digital direct output - H System — 1 module

| Wiring | Compact version | Connection: Screw | Connection: Tension c. | 1 LED per ch. | Discon-nectable | Fuse | Order No. | Type |
|---|---|---|---|---|---|---|---|---|
| **2-wire (signal, + or –)** | |  | |  | | | • *9445630000* | RS 12ES-D-L H/V |

**Back to:**

TSX DMZ 28DT

TSX DMZ 28DTK

*Click the Order No. to view the technical data*

## Direct output module selection

### ◆ 32-channel digital direct output - H System — 1 module

| Wiring | Compact version | Connection: Screw | Connection: Tension c. | 1 LED per ch. | Discon-nectable | Fuse | Order No. | Type |
|---|---|---|---|---|---|---|---|---|
| 1-wire (signal) | ✓ | ✓ | | | | | • **9445900000** | RS 32ES H/V |
| | ✓ | ✓ | | ✓ | | | • **9445910000** | RS 32ES-L H/V |
| | | | ✓ | | | | • *9447900000* | RS 32ES H/Z |
| | | | ✓ | ✓ | | | • *9447910000* | RS 32ES-L H/Z |
| | | ✓ | | ✓ | ✓ | | • *9445870000* | RS 32ES-S-I-L H/V |
| 2-wire (signal, + or –) | ✓ | ✓ | | ✓ | | | • **9445930000** | RS 32ES-D-L H/V |
| | | | ✓ | ✓ | | | • *9447930000* | RS 32ES-D-L H/Z |
| | ✓ | ✓ | | ✓ | ✓ | | • *9445950000* | RS 32ES-D-I-L H/V |
| | | | ✓ | ✓ | ✓ | | • *9447950000* | RS 32ES-D-I-L H/Z |
| | | ✓ | | | | ✓ | • *9445980000* | RS 32ES-D-F H/V |
| 3-wire (signal, + and –) | ✓ | ✓ | | | | | • **9445960000** | RS 32ES-T H/V |
| | ✓ | ✓ | | ✓ | | | • **9445970000** | RS 32ES-T-L H/V |
| | | | ✓ | ✓ | | | • *9447970000* | RS 32ES-T-L H/Z |

**Back to:**

TSX DSZ 32T2
TSX DMZ 64DTK

*Click the Order No. to view the technical data*