

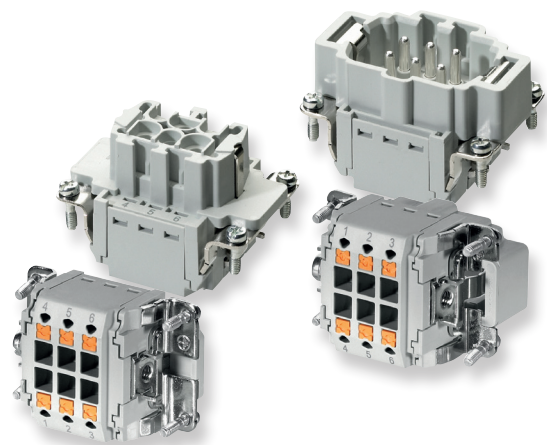
Industrial multi-pole connectors / Push-in contact inserts

Description

The **revos** BASIC series is being expanded by a further type of connection. The new push-in connection technology allows flexible conductors with ferrules and rigid conductors simply and quickly without using tools. A special contact spring guarantees high contact quality and produces a reliable, vibration-proof and gas-tight connection. The **revos** BASIC push-in inserts fit into the **revos** BASIC housing family.

Features

- Extremely short connection time
- Gas-tight, vibration- and shock proof connection
- Testing potentials even in the inserted state
- Easy handling
- Tool-free connection



Description	Type	Part No.	P.U.
Contact inserts revos BASIC 500 V	6-pole + ground		
Male insert	BAS STP 6 2,5 50 AG	70.415.0653.0	1
Female insert	BAS BUP 6 2,5 50 AG	70.405.0653.0	1
Contact inserts revos BASIC 500 V	10-pole + ground		
Male insert	BAS STP 10 2,5 50 AG	70.415.1053.0	1
Female insert	BAS BUP 10 2,5 50 AG	70.405.1053.0	1
Contact inserts revos BASIC 500 V	16-pole + ground		
Male insert	BAS STP 16 2,5 50 AG	70.415.1653.0	1
Female insert	BAS BUP 16 2,5 50 AG	70.405.1653.0	1
Contact inserts revos BASIC 500 V	24-pole + ground		
Male insert	BAS STP 24 2,5 50 AG	70.415.2453.0	1
Female insert	BAS BUP 24 2,5 50 AG	70.405.2453.0	1
Technical data			
Rated voltage	500 V		
Rated voltage according to UL/CSA	600 V		
Rated impulse voltage	6 kV		
Rated current	16 A		
Degree of pollution	3		
Rated cross section			
EN 60999	0.14 – 2.5 mm ²		
UL	26 – 14 AWG		
CSA	26 – 14 AWG		
	Can be used with solid wires and flexible wires with wire end sleeves		
Contacts			
Material	Copper alloy		
Surface	Ag		
Insulation strip length	8 – 10 mm		
Contact resistance	≤ 5 mΩ		
Mating cycles	500		
Screws			
	head design / recomm. torque		
Mounting screws	H1 / 0.5 Nm		
Clamping screws	-		
Ground conductor screws	H2 / 1.2 Nm		
Temperature range	-40 ... +120 °C		
Approvals	UL, CE pending		





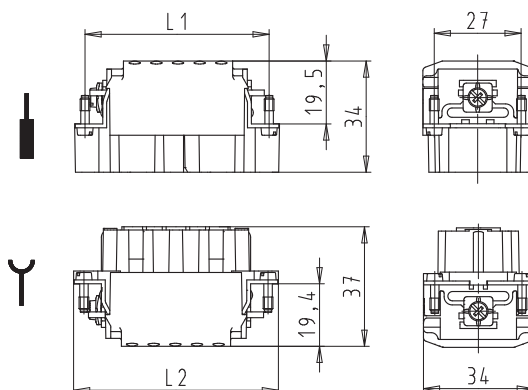
Headquarters:
Wieland Electric GmbH
Brennerstraße 10 – 14
96052 Bamberg, Germany

Phone +49 951 93 24-0
Fax +49 951 93 24-198
www.wieland-electric.com
info@wieland-electric.com

Technical information

Dimensions

6-pole + ground – 24-pole + ground



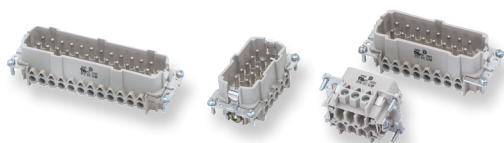
Number of poles	L1 [mm]	L2 [mm]
6	44.0	50.0
10	57.0	63.4
16	77.1	83.5
24	104.0	110.3

More contact inserts:

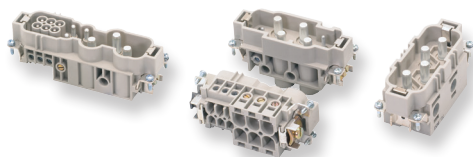
revos MINI



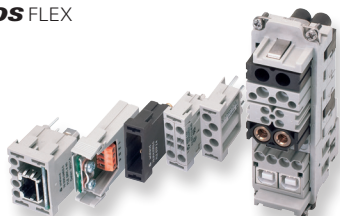
revos BASIC



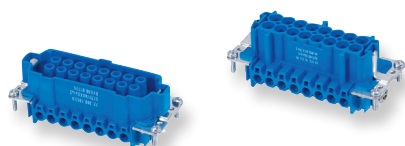
revos POWER



revos FLEX

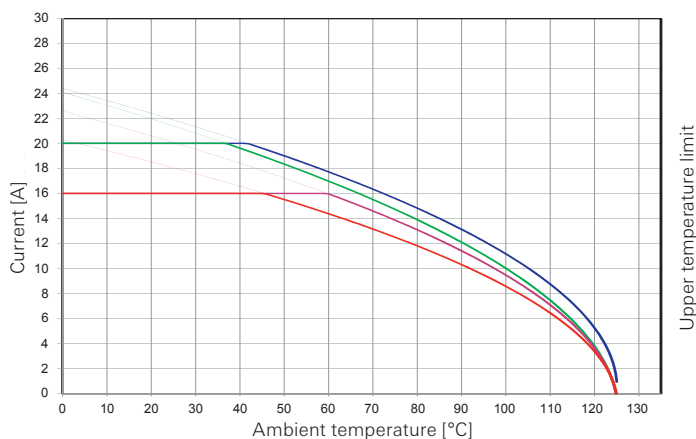


revos Ex



Derating curve according to IEC 60512 sec. 3

revos^{BASIC} push-in version



- 6-pole
- 10-pole
- 16-pole
- 24-pole

