

For a complete connector components may be ordered from the following sub headings

Cable entry protection

- Universal cable glands
- Special cable clamp with strain relief, bell mouthed cable fitting and anti-twist devices
- Cable gland with normal or multiple seal
- Extensive range of accessories

Hoods

- low or high construction
- top or side cable entry
- 1 or 2 locking levers

Male insert with

- screw terminal or
- crimp terminal (order contacts separately)
- or cage-clamp terminal

Female insert with

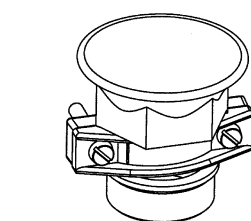
- screw terminal or
- crimp terminal (order contacts separately)
- or cage-clamp terminal

Housings

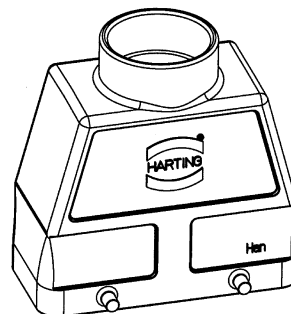
- Housing (bulkhead mounting) with or without thermoplastic or metal covers
- 1 or 2 locking levers
- Housing (surface mounting) low or high construction with or without thermoplastic or metal covers
- 1 or 2 locking levers
- 1 or 2 cable entries
- Hood (cable to cable)
- low or high construction
- for cable to cable connections

Accessories

- Protective covers available
- Code and guide pins for coding
- Special insert fixing screws for use without hoods and housings
- Label according to CSA-approval



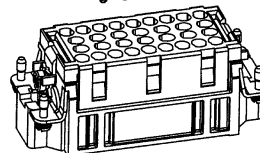
Cable clamp



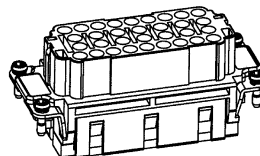
Hood



Male contacts



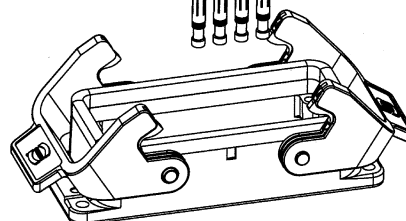
Male insert



Female insert



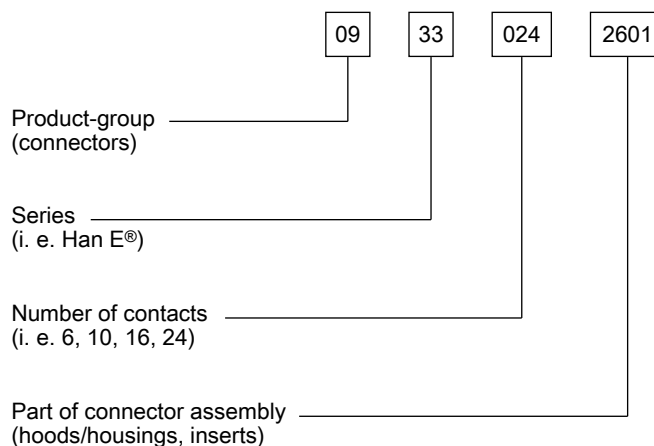
Female contacts



Housing

Part number explanation

Our computerized ordering system uses the following code:



Suitable hoods and housings will be found on the same page.

Features

- Covers a wide range of cross-sections
- Screw termination with wire protection

Technical characteristics

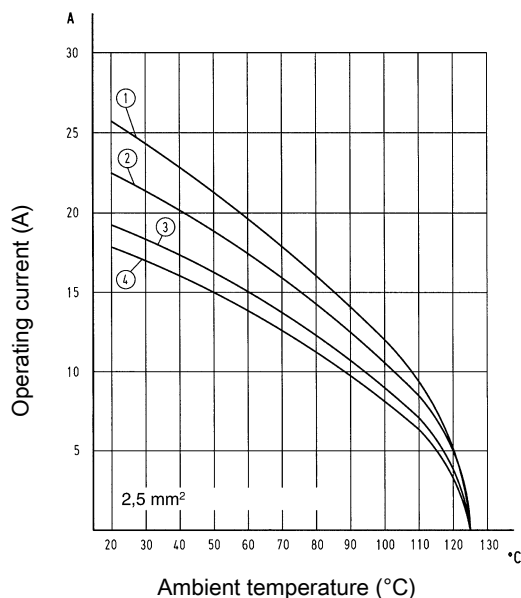
Number of contacts	6, 10, 16, 24, 32, 48
Electrical data acc. to IEC 61984	16 A 500 V 6 kV 3
Rated current	16 A
Rated voltage	500 V
Rated impulse voltage	6 kV
Pollution degree	3
Rated voltage acc. to UL	600 V
Rated voltage acc. to CSA	600 V
Insulation resistance	$\geq 10^{10} \Omega$
Contact resistance	$\leq 1 \text{ m}\Omega$
Limiting temperature	-40 ... +125 °C
Mating cycles	≥ 500
Material (insert)	Polycarbonate
Colour (insert)	RAL 7032 (pebble grey)

Derating

Current carrying capacity

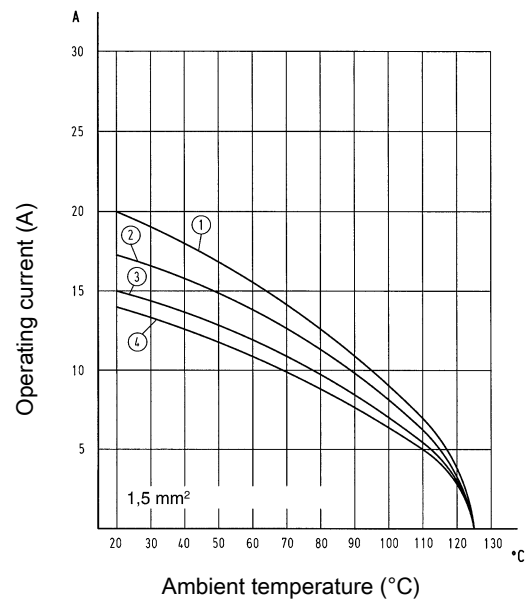
The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (non-intermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.

Measuring and testing techniques acc. to IEC 60512-5-2



- ① Han® 6 E
 ② Han® 10 E
 ③ Han® 16 E Han® 32 E
 ④ Han® 24 E Han® 48 E

Derating



- ① Han® 6 E
 ② Han® 10 E
 ③ Han® 16 E Han® 32 E
 ④ Han® 24 E Han® 48 E

Specifications and approvals

EN 60664-1
 IEC 61984
 UL 1977 ECBT2.E235076
 UL 2237 PVVA2.E318390



Details

Internal use in the switch cabinet in conjunction with Han-Snap® (see chapter 11)

Suitable for hoods/housings of series Han® B, Han® M, Han® EMC, Han® HPR, Han® Easy Hood (see chapter 31)

Tightening torque 0.5 Nm

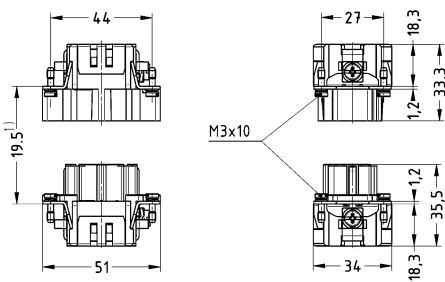
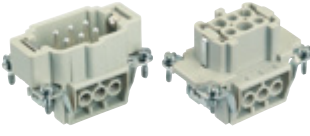
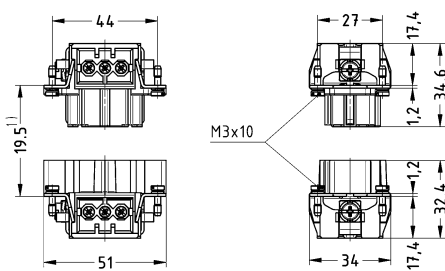
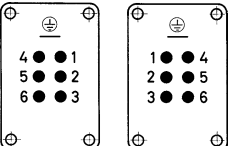
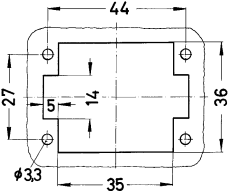
Tightening torque PE screw 1.2 Nm

Number of contacts

6+

16 A 500 V 6 kV 3

Han E/
EE

Identification	Conductor cross-section (mm ²)	Part number		Drawing (dimensions in mm)
		Male	Female	
Han E®, Crimp termination  Please order crimp contacts separately.	0,14 ... 4	09 33 006 2602	09 33 006 2702	 1) distance for contact max. 21 mm
Han E®, Screw termination, With wire protection 	0,75 ... 2,5	09 33 006 2601	09 33 006 2701	 1) distance for contact max. 21 mm  M F Contact arrangement (view from termination side)  Panel cut out