

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

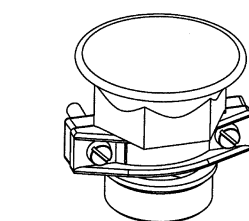
- screw terminal or
- crimp terminal (order contacts separately)
- or cage-clamp terminal

Housings

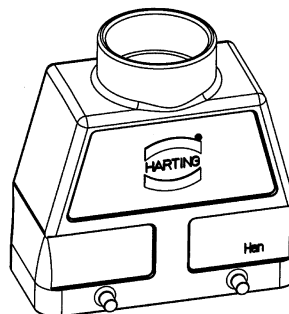
- Housing (bulkhead mounting) with or without thermoplastic or metal covers
- 1 or 2 locking levers
- Housing (surface mounting) low or high construction with or without thermoplastic or metal covers
- 1 or 2 locking levers
- 1 or 2 cable entries
- Hood (cable to cable) low or high construction for cable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



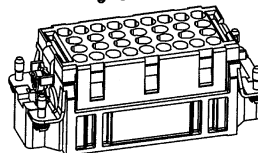
Cable clamp



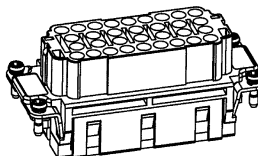
Hood



Male contacts



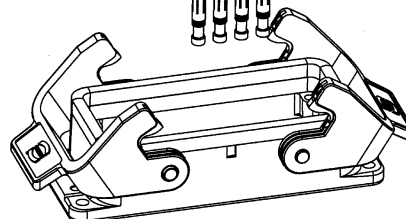
Male insert



Female insert



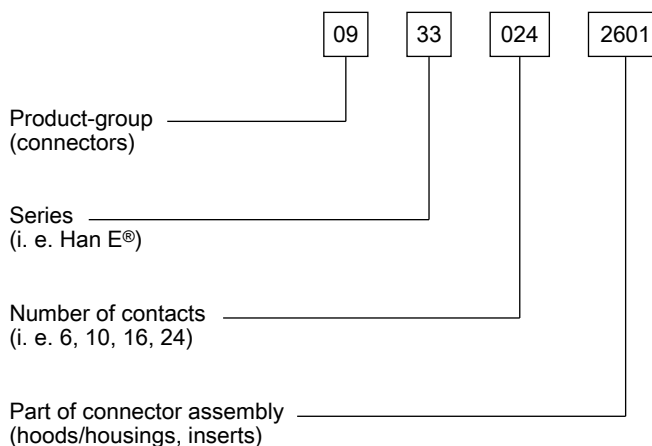
Female contacts



Housing

Part number explanation

Our computerized ordering system uses the following code:



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

Features

- Screw termination with wire protection
- Suitable for power supply applications
- Termination with standard screw driver

Technical characteristics

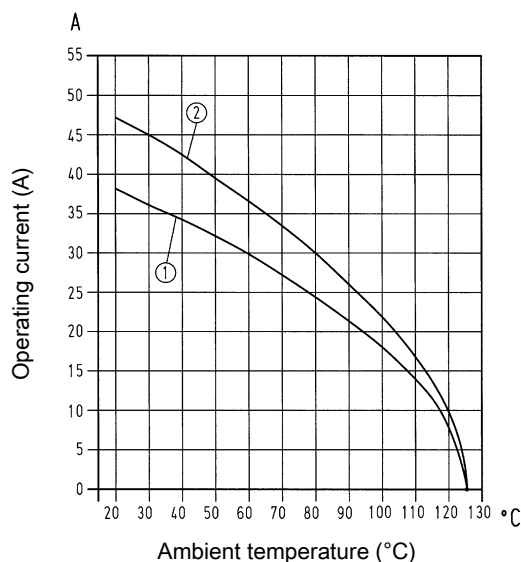
Number of contacts	6, 12
Electrical data acc. to IEC 61984	35 A 400/690 V 6 kV 3
Rated current	35 A
Rated voltage conductor-earth	400 V
Rated voltage conductor-conductor	690 V
Rated impulse voltage	6 kV
Pollution degree	3
Alternative electrical data	35 A 500 V 6 kV 3
Rated voltage acc. to UL	600 V
Rated voltage acc. to CSA	600 V
Insulation resistance	$\geq 10^{10} \Omega$
Contact resistance	$\leq 1 \text{ m}\Omega$
Limiting temperature	-40 ... +125 °C
Flammability acc. to UL 94	V-0
Mating cycles	≥ 500
Material (insert)	Polycarbonate
Colour (insert)	RAL 7032 (pebble grey)
Material (contacts)	Copper alloy

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 Conductor cross-section 4 mm²
 ② Conductor cross-section 6 mm²

Specifications and approvals

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



Number of contacts

6+

35 A 400/690 V 6 kV 3
35 A 500 V 6 kV 3

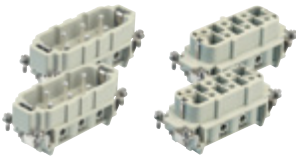
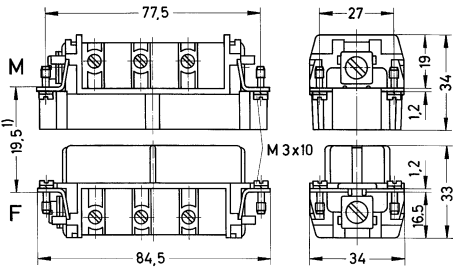
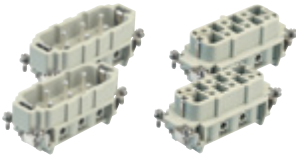
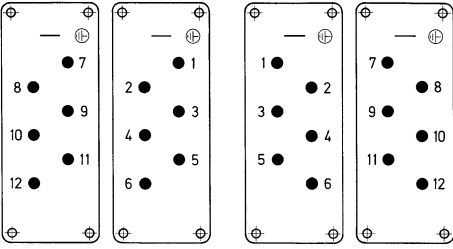
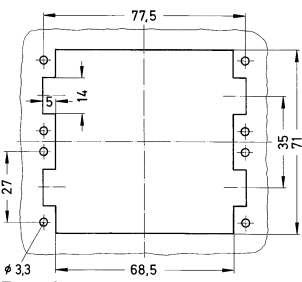
Identification	Conductor cross-section (mm²)	Part number		Drawing (dimensions in mm)
		Male	Female	
Han® HsB , Screw termination, With wire protection, Contact surface: Silver plated	1,5 ... 6	09 31 006 2601	09 31 006 2701	1) distance for contact max. 21 mm Tightening torque Clamping screw 1.2 Nm M F Contact arrangement (view from termination side) Panel cut out for use without hood

Number of contacts

12+

35 A 400/690 V 6 kV 3
35 A 500 V 6 kV 3

Han
HsB

Identification	Conductor cross-section (mm²)	Part number		Drawing (dimensions in mm)
		Male	Female	
Han® HsB , Screw termination, With wire protection, 1 ... 6 Contact surface: Silver plated  You need two inserts for a complete assembly!	1,5 ... 6	09 31 006 2601	09 31 006 2701	 1) distance for contact max. 21 mm Tightening torque Clamping screw 1.2 Nm
Han® HsB , Continuing marking, Screw termination, With wire protection, 7 ... 12 Contact surface: Silver plated  You need two inserts for a complete assembly!	1,5 ... 6	09 31 006 2611	09 31 006 2711	 M F Contact arrangement (view from termination side)  Panel cut out for use without hood