

## Contents

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## Features

- screw termination
- wire-protection included
- ideal for power supply applications
- termination with standard screw driver

## Technical characteristics

Specifications **DIN EN 60 664-1**  
**DIN EN 61 984**

Approvals **UL, CE**

### Inserts

Number of contacts **6, 12 (2 x 6), + PE**  
Electrical data  
acc. to EN 61 984 **35 A 400/690 V 6 kV 3**  
Rated current **35 A**  
Rated voltage conductor - ground **400 V**  
Rated voltage conductor - conductor **690 V**  
Rated impulse voltage **6 kV**  
Pollution degree **3**

or **35 A 500 V 6 kV 3**

Rated voltage  
acc. to UL/CSA **600 V**

Insulation resistance **≥ 10<sup>10</sup> Ω**  
Material **polycarbonate**  
Limiting temperatures **-40 °C ... +125 °C**  
Flammability acc. to UL 94 **V 0**  
Mechanical working life  
- mating cycles **≥ 500**

### Contacts

Material **copper alloy**  
Surface  
- hard-silver plated **3 μm Ag**  
Contact resistance **≤ 1 mΩ**  
Screw terminal  
- Wire gauge<sup>1)</sup> **6 mm<sup>2</sup>**  
- AWG **10**  
- Tightening torque **1.2 Nm**

### Hoods/Housings

Material **aluminium die-cast**  
Surface **powder-coated**  
**RAL 7037**  
Locking element **Han-Easy Lock®**  
Hoods/Housings sealing **NBR**  
Limiting temperatures **-40 °C ... +125 °C**  
Degree of protection acc. to  
DIN EN 60 529 **IP 65**  
for coupled connector  
Further selection of hoods/housings see chapter 31

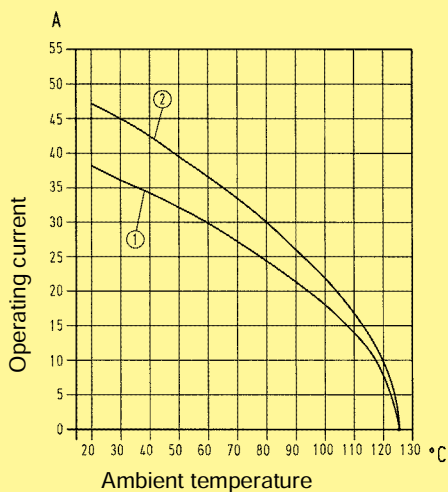
### Accessories

Cable clamps **chapter 95**  
Coding of hoods/housings **chapter 95**  
Label acc. to CSA-approval **chapter 95**  
Han-Snap® **chapter 11**

### 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 according to  
DIN EN 60 512-5-2



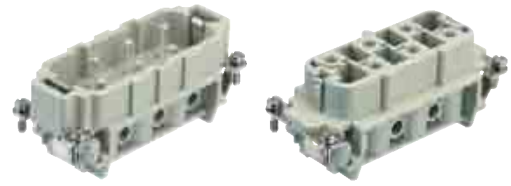
① wire gauge: 4 mm<sup>2</sup>

② wire gauge: 6 mm<sup>2</sup>

<sup>1)</sup> geometric wire gauge

Number of contacts

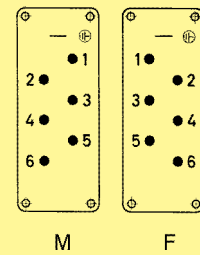
6 +



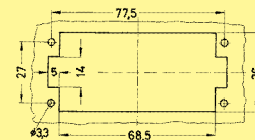
Identification	Series	Part number		Drawing	Dimensions in mm
		Male insert (M)	Female insert (F)		
Screw terminal	Han® HsB				
	1-6	<b>09 31 006 2601</b>	<b>09 31 006 2701</b>		

1) Distance for contact max. 21 mm

Contact arrangement (view from termination side)



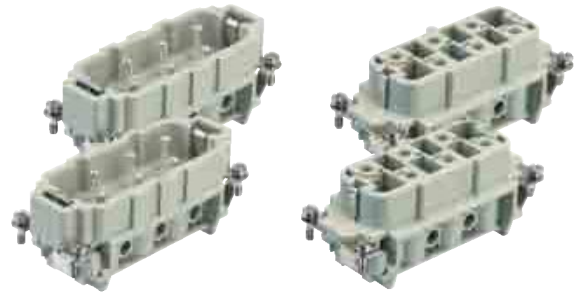
Panel cut out for inserts  
for use without hoods/housings



Han  
HsB

Number of contacts

12 +



Han  
HsB

Part number

Identification      Series      Male insert (M)      Female insert (F)      Drawing      Dimensions in mm

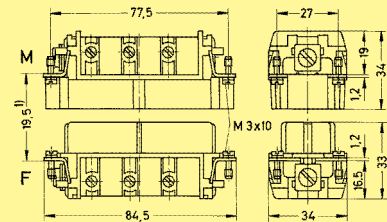
Screw terminal

Han®  
HsB

1-6  
7-12

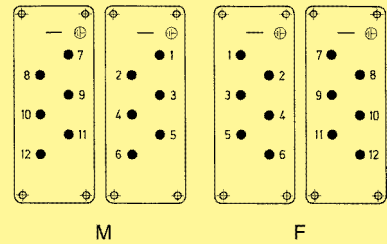
**09 31 006 2601**  
**09 31 006 2611**

**09 31 006 2701**  
**09 31 006 2711**



1) Distance for contact max. 21 mm

Contact arrangement (view from termination side)



Panel cut out for inserts  
for use without hoods/housings

