

Contents

Page

Han® HsB.....

**07.2**

## Features

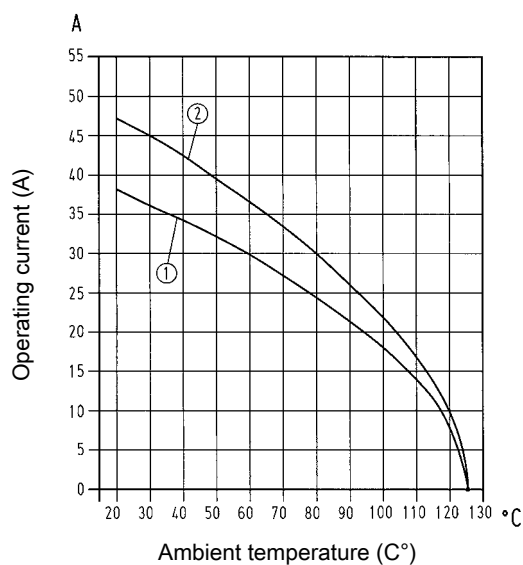
- Screw termination with wire protection
- Suitable for power supply applications
- Termination with standard screw driver

## 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 Wire cross section 4 mm<sup>2</sup>  
 ② Wire cross section 6 mm<sup>2</sup>

## Technical characteristics

Contacts	6, 12
Electrical data acc. to IEC 61984	<b>35 A 400/690 V 6 kV 3</b>
Rated current	35 A
Rated voltage conductor - ground	400 V
Rated voltage conductor - conductor	690 V
Rated impulse voltage	6 kV
Pollution degree	3
alternative electrical data	<b>35 A 500 V 6 kV 3</b>
Rated voltage acc. to UL	600 V
Rated voltage acc. to CSA	600 V
Insulation resistance	≥10 <sup>10</sup> Ohm
Limiting temperatures	-40 °C ... 125 °C
Flammability (insert) acc. to UL 94	V 0
Mating cycles	≥500
Material (insert)	polycarbonate
Colour (insert)	RAL 7032 (light grey)
Material (contact)	copper alloy

## Specifications and approvals


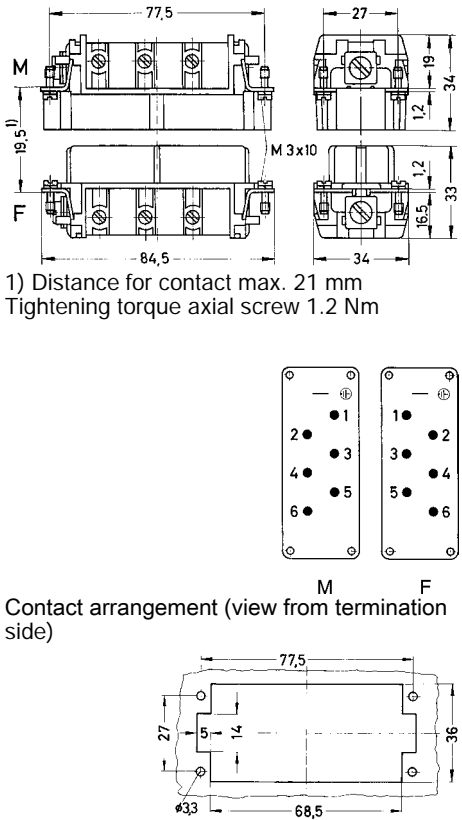
IEC 60664-1  
 IEC 61984



Number of contacts

6+

400/690 V  
35 A

Identification	Wire cross section (mm²)	Part number male                  female		Drawing Dimensions in mm
<p>Han® HsB, Screw terminal, silver plated contacts, contact resistance ≤1 mOhm</p> 	<p>1.5 – 6</p>	<p>09 31 006 2601</p>	<p>09 31 006 2701</p>	 <p>1) Distance for contact max. 21 mm Tightening torque axial screw 1.2 Nm</p> <p>M                  F</p> <p>Panel cut out for inserts for use without hoods/housings</p>

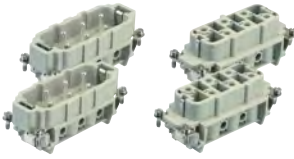
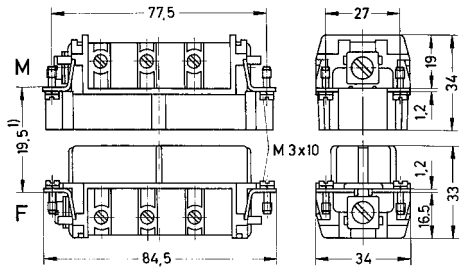

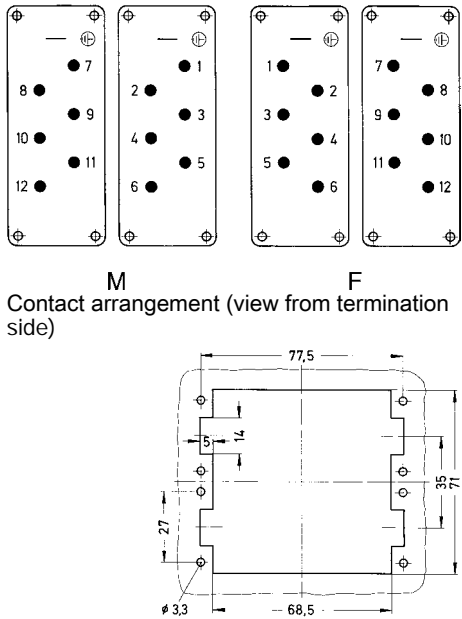
Han  
HsB

Number of contacts

12+

400/690 V  
35 A

Han  
HsB

Identification	Wire cross section (mm <sup>2</sup> )	Part number male female		Drawing Dimensions in mm
<p>Han® HsB, Screw terminal, 1 - 6, silver plated contacts, contact resistance ≤1 mOhm</p>  <p>Please order two inserts for a complete assembly!</p>	1.5-6	09 31 006 2601	09 31 006 2701	 <p>1) Distance for contact max. 21 mm Tightening torque axial screw 1.2 Nm</p>
<p>Han® HsB, Screw terminal, 7 - 12, silver plated contacts, contact resistance ≤1 mOhm</p>  <p>Please order two inserts for a complete assembly!</p>	1.5-6	09 31 006 2611	09 31 006 2711	 <p>M F Contact arrangement (view from termination side)</p> <p>Panel cut out for inserts for use without hoods/housings</p>