

Features

- Crimp- and Axial module are compatible modules
- Contacts can be unlocked from the mating side

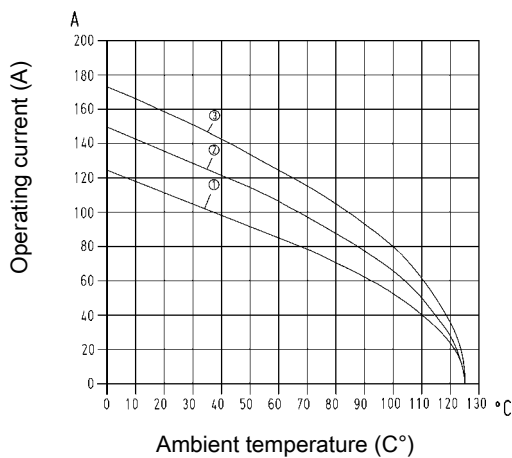
Derating

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

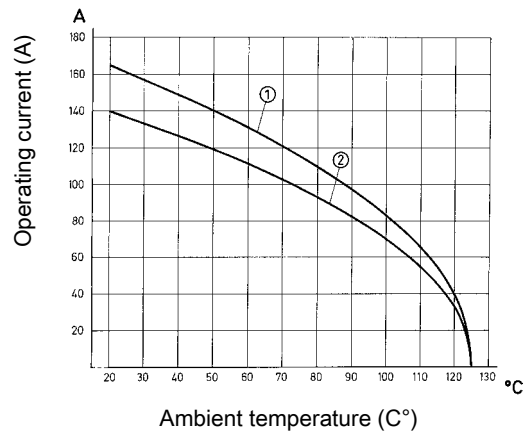
Crimp terminal



- ① 24 B hoods/housings with 3 modules Wire cross section 16 mm²
- ② 24 B hoods/housings with 3 modules Wire cross section 25 mm²
- ③ 24 B hoods/housings with 3 modules Wire cross section 35 mm²

Derating

Axial screw termination



- ① 24 B hoods/housings with 3 modules Wire cross section 35 mm²
- ② 24 B hoods/housings with 3 modules Wire cross section 25 mm²

Technical characteristics

Contacts	2
Electrical data acc. to IEC 61984	100 A 1000 V 8 kV 3
Rated current	100 A
Rated voltage	1000 V
Rated impulse voltage	8 kV
Pollution degree	3
Rated voltage acc. to UL	600 V
Insulation resistance	≥10 ¹⁰ 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
Hex key	SW 4

Specifications and approvals

IEC 60664-1
IEC 61984



Details

Crimping tools see chapter 90


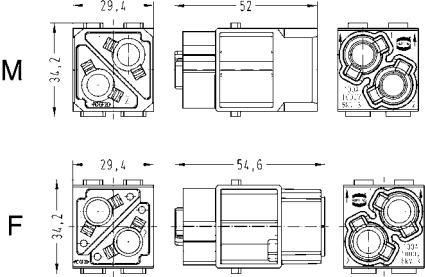

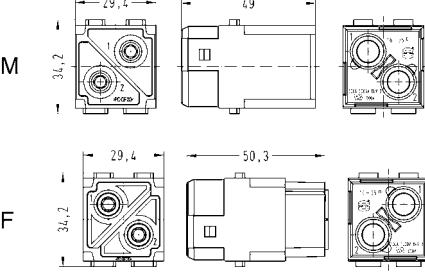

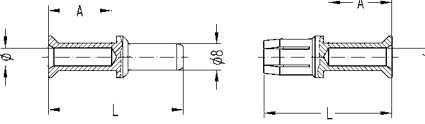
Remarks on the crimp technique

The wire gauges mentioned in the catalogue refer to geometric wire gauges of cables.

Number of contacts

2

1000 V
100 A

Identification	Wire cross section (mm ²)	Part number		Drawing Dimensions in mm															
		male	female																
Han-Modular®, Han® 100 A Crimp module, Crimp terminal, silver plated contacts  Please order crimp contacts separately.		09 14 002 3051	09 14 002 3151																
Han-Modular®, Han® 200 A Crimp module, Axial screw terminal, silver plated contacts, contact resistance ≤0.3 mOhm 	10 – 25 16 – 35 38	09 14 002 2653 09 14 002 2651 09 14 002 2650	09 14 002 2753 09 14 002 2751 09 14 002 2750																
Crimp contact, TC 100, silver plated contacts, contact resistance ≤0.3 mOhm 	10 16 25 35	09 11 000 6114 09 11 000 6116 09 11 000 6125 09 11 000 6135	09 11 000 6214 09 11 000 6216 09 11 000 6225 09 11 000 6235	 <table border="1"> <thead> <tr> <th>Wire gauge</th> <th>Ø</th> <th>Stripping length A</th> </tr> </thead> <tbody> <tr> <td>10 mm²</td> <td>4.3</td> <td>19 mm</td> </tr> <tr> <td>16 mm²</td> <td>5.5</td> <td>19 mm</td> </tr> <tr> <td>25 mm²</td> <td>7</td> <td>19 mm</td> </tr> <tr> <td>35 mm²</td> <td>8.2</td> <td>16 mm</td> </tr> </tbody> </table> for stranded wire according to IEC 60 228 Class 5	Wire gauge	Ø	Stripping length A	10 mm ²	4.3	19 mm	16 mm ²	5.5	19 mm	25 mm ²	7	19 mm	35 mm ²	8.2	16 mm
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Han-Modular