

Features

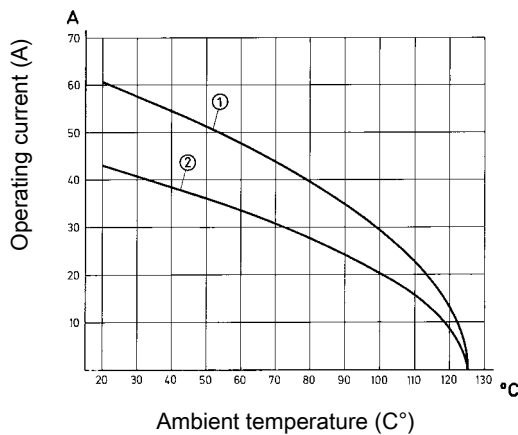
- Crimp or axial screw termination available
- No special tools required for axial-screw termination

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 24 B hoods/housings with 6 modules Wire cross section 10 mm²
- ② 24 B hoods/housings with 6 modules Wire cross section 6 mm²

Technical characteristics

Contacts	2
Electrical data acc. to IEC 61984	40 A 1000 V 8 kV 3
Rated current	40 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 2

Specifications and approvals

IEC 60664-1
IEC 61984



Details

Crimping tools see chapter 90

Remarks on the crimp technique


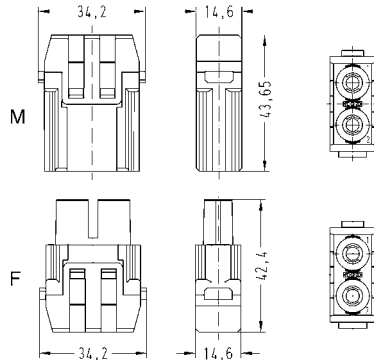

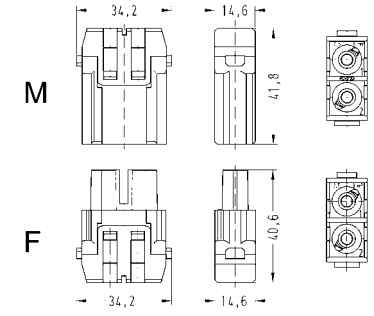

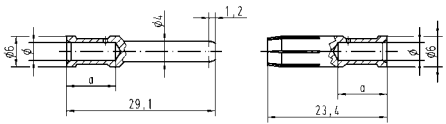
The wire gauges mentioned in the catalogue refer to geometric wire gauges of cables.

Number of contacts

2

1000 V
40 A

Han-Modular

Identification	Wire cross section (mm ²)	Part number		Drawing Dimensions in mm																				
		male	female																					
Han-Modular®, Han® 40 A Crimp module, Crimp terminal  Please order crimp contacts separately.		09 14 002 3002	09 14 002 3102	 Contact arrangement (view from termination side)																				
Han-Modular®, Han® 40 A Axial module, Axial screw terminal, silver plated contacts, contact resistance ≤0.3 mOhm 	2.5–8 6–10	09 14 002 2601 09 14 002 2602	09 14 002 2701 09 14 002 2702	 Contact arrangement (view from termination side) Stripping length <table border="1" data-bbox="1157 1534 1460 1590"> <tr> <td>mm²</td> <td>2,5</td> <td>4</td> <td>6</td> <td>10</td> </tr> <tr> <td>mm</td> <td>5⁺¹</td> <td>5⁺¹</td> <td>8⁺¹</td> <td>11⁺¹</td> </tr> </table> Tightening torque <table border="1" data-bbox="1157 1612 1460 1668"> <tr> <td>mm²</td> <td>2,5</td> <td>4</td> <td>6</td> <td>10</td> </tr> <tr> <td>Nm</td> <td>1,5</td> <td>1,5</td> <td>2</td> <td>2</td> </tr> </table>	mm ²	2,5	4	6	10	mm	5 ⁺¹	5 ⁺¹	8 ⁺¹	11 ⁺¹	mm ²	2,5	4	6	10	Nm	1,5	1,5	2	2
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