

Features

- Crimp or axial screw termination available
- Unlock of contacts with a screw driver from mating side
- Connect PE contact with special cable shoe
- Separate axial screw contacts can be terminated without any special tools directly to the wire

Technical characteristics

Contacts	1
Electrical data acc. to IEC 61984	100 A 830 V 8 kV 3
Rated current	100 A
Rated voltage	830 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 axial screw technique

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


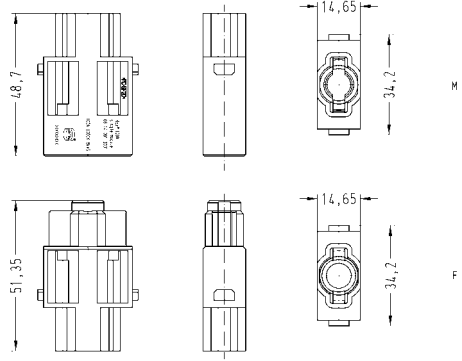

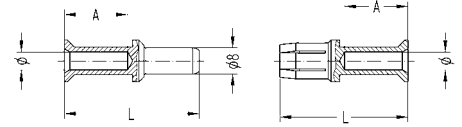

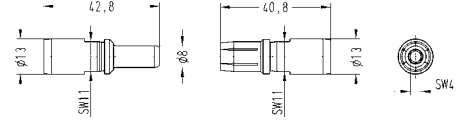
Remarks on the crimp technique

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

Number of contacts

1

830 V
100 A

Identification	Wire cross section (mm ²)	Part number		Drawing Dimensions in mm															
		male	female																
Han-Modular®, Han® 100 A Single module, contact resistance ≤0.3 mOhm  Please order contacts separately.		09 14 001 3031	09 14 001 3131																
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
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																	
Axial screw contact, silver plated contacts, contact resistance ≤0.3 mOhm 	10–25 16–35	09 11 000 6112 09 11 000 6113	09 11 000 6212 09 11 000 6213	 Stripping length 13 mm Tightening torque <table border="1"> <thead> <tr> <th>mm²</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> </tr> </thead> <tbody> <tr> <td>Nm</td> <td>6</td> <td>6</td> <td>7</td> <td>8</td> </tr> </tbody> </table>	mm ²	10	16	25	35	Nm	6	6	7	8					
mm ²	10	16	25	35															
Nm	6	6	7	8															

Han-Modular