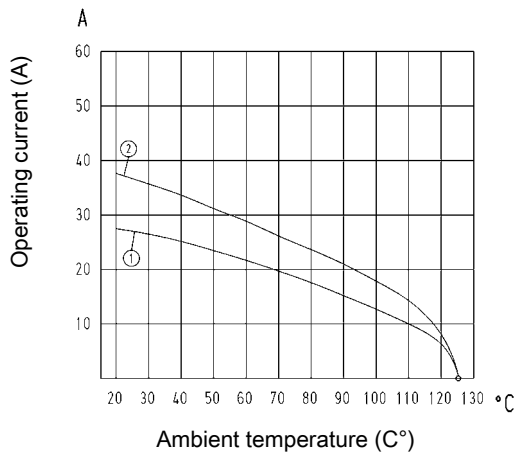## Features

- Suitable for Han® C crimp contacts
- Designed for a high working voltage up to 830 V
- Finger safe male and female contacts
- High density of contacts

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

Ambient temperature (C°)

① 24 B hoods/housings with 6 modules Wire cross section 4 mm²

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

Technical characteristics

Contacts	4
Electrical data acc. to IEC 61984	**40 A 830 V 8 kV 3**
Rated current	40 A
Rated voltage	830 V
Rated impulse voltage	8 kV
Pollution degree	3
Rated voltage acc. to UL	600 V
Insulation resistance	$\geq 10^{10}$ 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

Specifications and approvals

IEC 60664-1
IEC 61984

RU , **GL**

Details
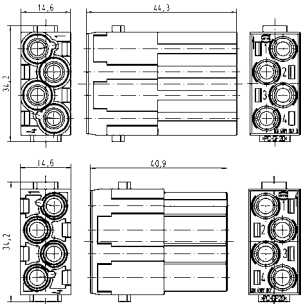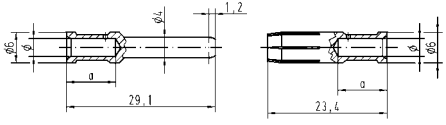
Crimping tools see chapter 90

Remarks on the crimp technique

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

Han-Modular

Number of contacts

4

830 V
40 A

Identification	Wire cross section (mm²)	Part number		Drawing Dimensions in mm
		male	female	
Han-Modular®, Han® CC Protected module, Crimp terminal		09 14 004 3041	09 14 004 3141	
Please order crimp contacts separately.				
Han® C, Crimp contact, silver plated contacts, **contact resistance ≤1 mOhm**	1.5 2.5 4 6	09 32 000 6104 09 32 000 6105 09 32 000 6107 09 32 000 6108	09 32 000 6204 09 32 000 6205 09 32 000 6207 09 32 000 6208	

Wire gauge		∅	Stripping length
1.5 mm²	AWG 16	1.75	9.5 mm
2.5 mm²	AWG 14	2.25	9.5 mm
4 mm²	AWG 12	2.85	9.5 mm
6 mm²	AWG 10	3.5	9.5 mm
10 mm²	AWG 8	4.3	12 mm