

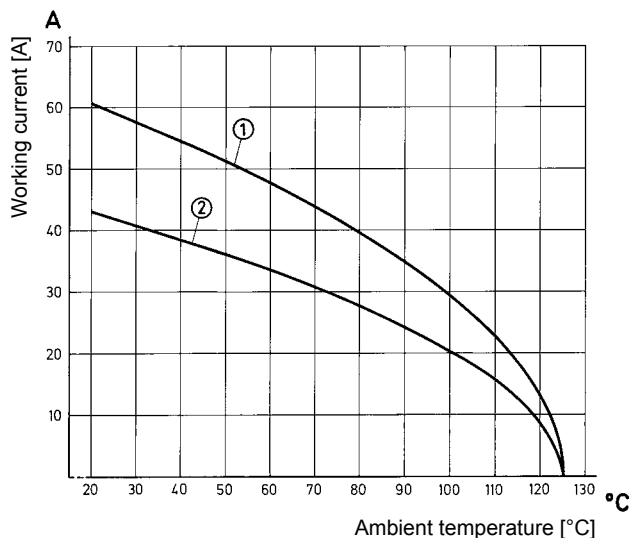
Features

- Crimp termination
- Plug compatible with Han® 40 A module axial screw termination

Technical characteristics

Specifications	DIN EN 60 664-1 DIN EN 61 984
Inserts	
Number of contacts	2
Electrical data acc. to DIN EN 61 984	40 A 1000 V 8 kV 3
Rated current	40 A
Rated voltage	1000 V
Rated impulse voltage	8 kV
Pollution degree	3
Insulation resistance	≥ 10 ¹⁰ Ω
Material	Polycarbonate
Limiting temperatures	-40 °C ... +125 °C
Flammability acc. to UL 94	V 0
Mechanical working life	≥ 500 mating cycles
Contacts	
Power contacts	
Material	Copper alloy
Surface	
- hard-silver plated	3 μm Ag
Contact resistance	≤ 0.3 mΩ
Crimp terminal	
- mm ²	1,5 - 10 mm ²
- AWG	16 ... 8

Current Carrying Capacity



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 according to DIN EN 60 512-5

① 24 B Hood/housing with 6 modules, wire gauge: 10 mm²

② 24 B Hood/housing with 6 modules, wire gauge: 6 mm²

Number of contacts

2



40 A module with crimp termination

Identification	Part-Number		Drawings	Dimensions in mm
	Male insert (M)	Female insert (F)		
Han® 40 A module crimp terminal	09 14 002 3002		M	
		09 14 002 3102	F	

Identification	Wire gauge mm ²	Part-Number		Drawings	Dimensions in mm
		Male contacts (M)	Female contacts (F)		
Crimp contacts silver plated					
	1.5	09 32 000 6104	09 32 000 6204		
	2.5	09 32 000 6105	09 32 000 6205		
	4	09 32 000 6107	09 32 000 6207		
	6	09 32 000 6108	09 32 000 6208		
	10	09 32 000 6109	09 32 000 6209		

Wire gauge		ø	Stripping length of stranded wire
1.5 mm ²	AWG 16	1.75 mm	9.0 mm
2.5 mm ²	AWG 14	2.25 mm	9.0 mm
4.0 mm ²	AWG 12	2.85 mm	9.6 mm
6.0 mm ²	AWG 10	3.50 mm	9.6 mm
10 mm ²	AWG 8	4.30 mm	15 mm

Stripping length a = 15 mm for cable ≥ 5mm
Stripping length a = 18 mm for cable > 6.4mm