

Number of contacts

5+

16 A 230/400 V 4 kV 3

High Temp

Technical characteristics

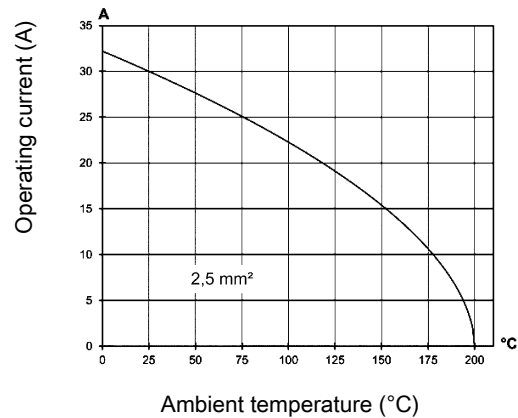
Number of contacts	5
Rated current	16 A
Rated voltage conductor-earth	230 V
Rated voltage conductor-conductor	400 V
Rated impulse voltage	4 kV
Pollution degree	3
Insulation resistance	$>10^{10} \Omega$
Limiting temperature	-40 ... +200 °C With Han® High Temp components
Mating cycles	≥ 500
Material (insert)	Liquid crystal polymer (LCP)
Colour (insert)	Black
Material flammability class acc. to UL 94	V-0

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



Specifications and approvals

EN 60664-1
IEC 61984

Identification	Conductor cross-section (mm ²)	Part number		Drawing (dimensions in mm)
		Male	Female	
Han® Q High Temp, 5/0, Crimp termination Please order crimp contacts separately. Coding pins on request	0.14 ... 2.5	09 12 805 3004	09 12 805 3104	