

Features

- for extreme temperatures up to 200 °C
- All piece parts (contacts, insert material, hoods and housings, seals and grounding elements) are designed in a temperature resistant way

Technical characteristics

Number of contacts	6, 10, 16, 24
Rated current	16 A
Rated voltage	500 V
Rated impulse voltage	6 kV
Pollution degree	3
Insulation resistance	>10 ¹⁰ Ω
Contact resistance	≤1 mΩ
Limiting temperature	-40 ... +200 °C With Han® High Temp components
Mating cycles	≥500
Material (insert)	Liquid crystal polymer (LCP)
Material (contacts)	Copper alloy
Material flammability class acc. to UL 94	V-0
RoHS	compliant, compliant with exemption

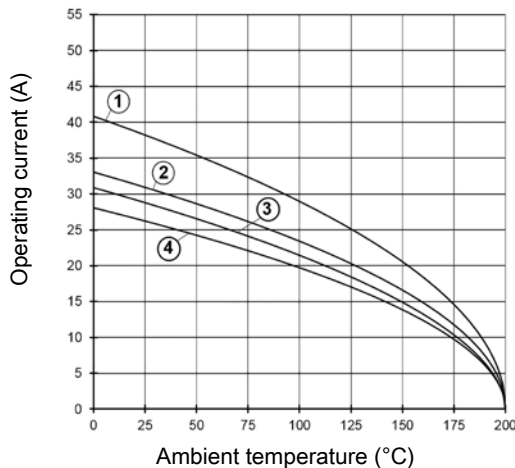
Derating

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

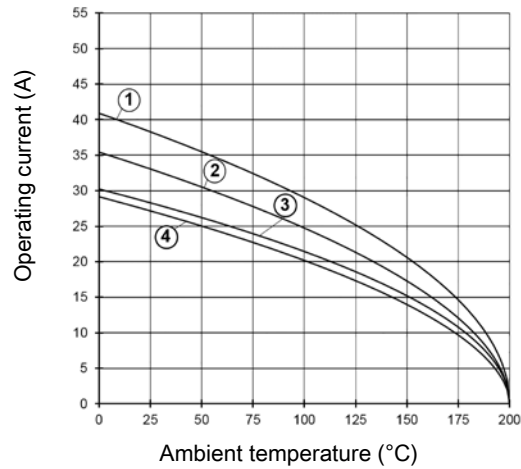
Crimp termination



- ① Han® 6 E High Temp 2,5 mm²
- ② Han® 10 E High Temp 2,5 mm²
- ③ Han® 16 E High Temp 2,5 mm²
- ④ Han® 24 E High Temp 2,5 mm²

Derating

Screw termination



- ① Han® 6 E High Temp 2.5 mm²
- ② Han® 10 E High Temp 2.5 mm²
- ③ Han® 16 E High Temp 2.5 mm²
- ④ Han® 24 E High Temp 2.5 mm²

Specifications and approvals

EN 60664-1
IEC 61984
UL 1977 ECBT2.E235076
DNV GL

Details

Han® High Temp crimp inserts are only for use with the special Han® High Temp crimp contacts.

Tightening torque 0.5 Nm

Tightening torque PE screw 1.2 Nm