Features

- Highest density of crimping contacts
- Coded insert
- Gold and silver contacts available

Technical characteristics

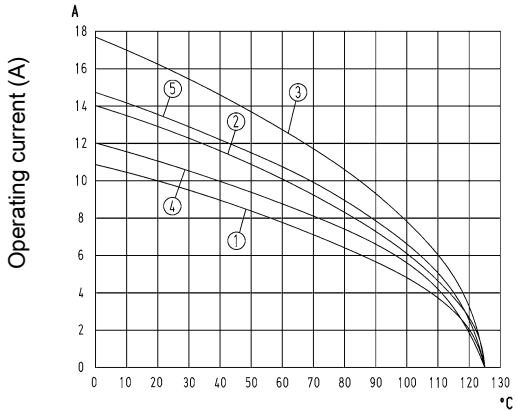
Number of contacts	40, 64
Rated current	16 A
Rated voltage	500 V
Rated impulse voltage	6 kV
Pollution degree	3
Insulation resistance	$>10^{10}$ Ω
Limiting temperature	-40 ... +125 °C
Mating cycles	≥500
Material (insert)	Polycarbonate (PC)
Colour (insert)	RAL 7032 (pebble grey)
Material flammability class acc. to UL 94	V-0
RoHS	compliant

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 Han® 64 EEE / 1.5 mm²
② Han® 64 EEE / 2.5 mm²
③ Han® 64 EEE / 4 mm²
④ Han® 40 EEE / 1.5 mm²
⑤ Han® 40 EEE / 2.5 mm²

Specifications and approvals

EN 60664-1
IEC 61984
UL 1977 ECBT2.E235076
CSA-C22.2 No. 182.3 ECBT8.E235076

Details

Internal use in the switch cabinet in conjunction with Han-Snap® (see chapter Han 11)

Suitable for hoods/housings of series Han® B, Han® M, Han® EMC, Han® HPR, Han® Easy Hood (see chapter Han 31)

Tightening torque 0.5 Nm

Tightening torque PE screw 1.2 Nm