

Features

- for left or right hand applications available
- PE and connecting terminal for contact no.1 are at the top in both types of installation
- Mountable in standard bulkhead mounted housings and on standard rails by using of fixing elements
- Screw termination with wire protection

Technical characteristics

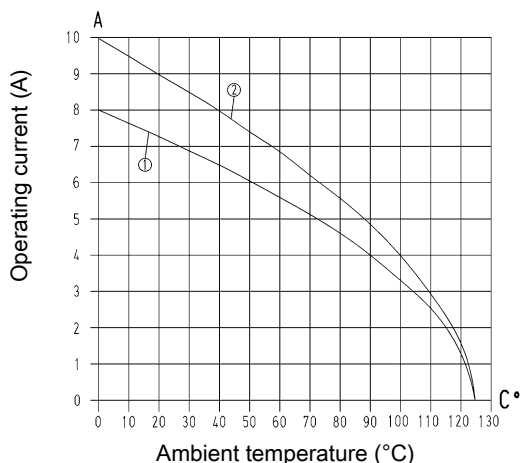
Number of contacts	40, 64
Rated current	10 A
Rated voltage	250 V
Rated impulse voltage	4 kV
Pollution degree	3
Rated voltage acc. to UL	600 V
Insulation resistance	$>10^{10} \Omega$
Contact resistance	$\leq 4 \text{ m}\Omega$
Limiting temperature	$-40 \dots +125 \text{ }^\circ\text{C}$
Mating cycles	≥ 500
Material (insert)	Polycarbonate (PC)
Colour (insert)	RAL 7032 (pebble grey)
Material (contacts)	Copper alloy
Material flammability class acc. to UL 94	V-0
RoHS	compliant

Derating

Current carrying capacity

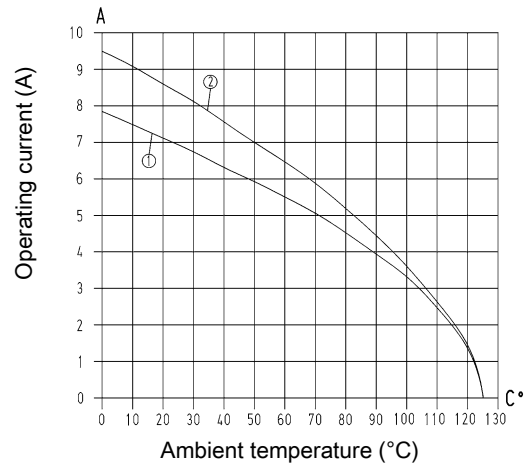
The current carrying capacity of the connectors is limited by the thermal load capability of the contact element material including the connections and the insulating parts. The derating curve is therefore valid for currents which flow constantly (non-intermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.

Measuring and testing techniques acc. to IEC 60512-5-2



- ① Han® 40 D AV Conductor cross-section 0.75 mm^2
 ② Han® 40 D AV Conductor cross-section 1.5 mm^2

Derating



- ① Han® 64 D AV Conductor cross-section 0.75 mm^2
 ② Han® 64 D AV Conductor cross-section 1.5 mm^2

Specifications and approvals

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

Details

Stripping length 8 ... 11 mm

Tightening torque 0.5 Nm

Hoods/Housings see chapter Han 31

Identification

The individual terminals have the same identification as on the mating face. In addition each circuit may be separately labelled with identification strips fitted in the adjacent slots.

Identification strips

Multi contour (MK) the following identification strips may be used

- ♦ HARTING – 09 21 000 9971
- ♦ Murrplastik – KPX 5/10-5
- ♦ Weidmüller – DEK 5
- ♦ Phoenix – 4 K – DST 5
- ♦ Phoenix – DS 5
- ♦ Phoenix – ZB 5
- ♦ WAGO – WSB 5

Single contour (SK) the following identification strips may be used

- ♦ Murrplastik – KWI 5/10
- ♦ Murrplastik – KWI 5/10-5
- ♦ Murrplastik – KWI 8.6-5
- ♦ Wieland – 9705 A 5/10
- ♦ WAGO – Mini - WSB