

### **Features**

Han D

- · High density of contacts
- for requirements up to 250 V / 10 A  $\,$
- Time saving rapid termination by use of crimping contacts
- Gold and silver contacts available
- Suitable for thermo- and 1 mm FO contacts

### Technical characteristics

Number of contacts 15, 25, 40, 50, 64, 80, 128 Rated current 10 A Rated voltage 250 V Rated impulse voltage 4 kV Pollution degree 3 600 V Rated voltage acc. to UL Rated voltage acc. to CSA 600 V Insulation resistance  $>10^{10} \Omega$ ≤3 mΩ Contact resistance Limiting temperature -40 ... +125 °C Mating cycles ≥500 Dimensions wire wrap post 1 x 1 mm Termination length 22 mm

Material (insert) Polycarbonate (PC) Colour (insert) RAL 7032 (pebble grey)

Material (contacts) Copper alloy

Material flammability class acc.

to UL 94

RoHS compliant, compliant with

exemption

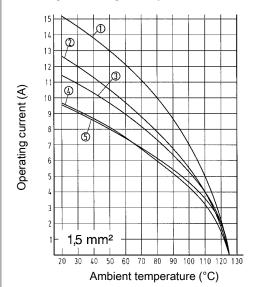
V-0

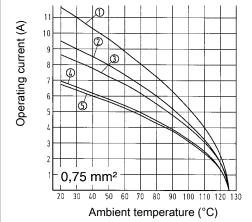
## **Derating**

#### **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





- 40 D ① Han® 7 D ② Han® 15 D ③ Han® 25 D ⑤ Han® 64 D

# Specifications and approvals

EN 60664-1 IEC 61984 EN 175301-801 UL 1977 ECBT2.E235076 CSA-C22.2 No. 182.3 ECBT8.E235076 DNV GL

## **Details**

ATTENTION! Guide pins and bushes are prescribed (see chapter Han 80).