Han DD[®] HMC

Han

HMC

Features

- · High density of contacts
- · Time saving rapid termination by use of crimping contacts
- for requirements up to 250 V / 10 A
- · for hoods/housings in the Han® B HMC series
- Han D® HMC contacts available with special HMC gold plating ٠ for 10,000 mating cycles

Technical characteristics

Number of contacts Rated current Rated voltage Rated impulse voltage Pollution degree Rated voltage acc. to UL Rated voltage acc. to CSA Insulation resistance Limiting temperature Mating cycles with other HMC components Material (insert) Colour (insert) Material flammability class acc. to UL 94 RoHS

24, 42, 72, 108 10 A 250 V 4 kV 3 600 V 600 V >10¹⁰ Ω -40 ... +125 °C ≥10000 Polycarbonate (PC)

RAL 7032 (pebble grey) V-0

compliant

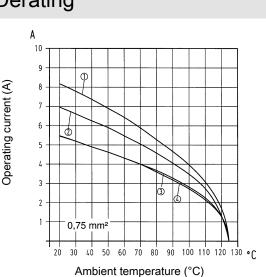
Derating

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

A 18 16 Operating current (A) 14 1 12 2 10 8 3) 6 6 4 1,5 mm² 20 30 40 50 60 70 80 90 100 110 120 130 • Ambient temperature (°C)

- ① Han[®] 24 DD HMC
- 2 Han[®] 42 DD HMC Han[®] 72 DD HMC
- 3 (4) Han[®] 108 DD HMC



Han[®] 24 DD HMC 1

- 2 3 Han® 42 DD HMC
- Han[®] 72 DD HMC (4) Han[®] 108 DD HMC

Specifications and approvals

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

Derating