

## Features

- 40 / 64 contacts with crimp termination
- Up to 64 Han E® contacts in hoods/housings type Han® 24 B
- Polarised insert
- Contacts available with either hard silver plated or hard gold plated surface
- Suitable for hoods/housings of series Han® B, Han® EMV, Han® HPR, Han® M

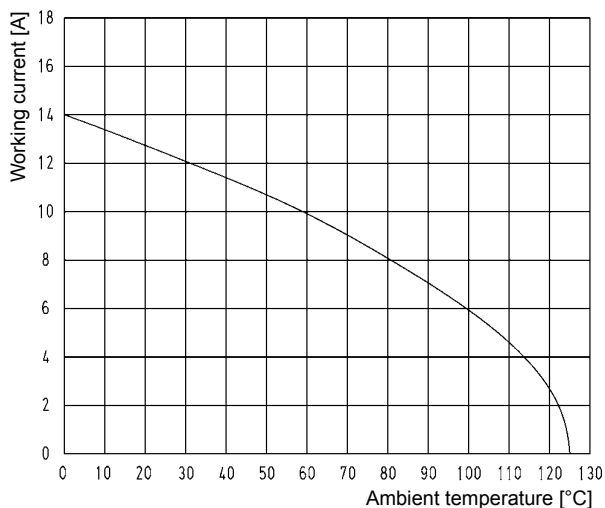
## Technical characteristics

Specifications	DIN EN 60 664-1 DIN EN 61 984
<b>Inserts</b>	
Number of contacts	40, 64 + PE
Electrical data acc. to DIN EN 61 984	<b>16 A 500 V 6 kV 3</b>
Rated current	16 A
Rated voltage	500 V
Rated impulse voltage	3 kV
Pollution degree	3
Insulation resistance	≥ 10 <sup>10</sup> Ω
Material	Polycarbonate
Limiting temperatures	-40 °C ... +125 °C
Flammability acc. to UL 94	V 0
Mechanical working life	≥ 500 mating cycles
<b>Contacts</b>	
Material	Copper alloy
Surface	
- hard silver plated	3 µm Ag
- hard gold plated	2 µm Au over 3 µm Ni
Contact resistance	≤ 1 mΩ
Crimp termination	
- mm <sup>2</sup>	0.14 – 4.0 mm <sup>2</sup>
- AWG	26 – 12

## 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 according to DIN EN 60 512-5.

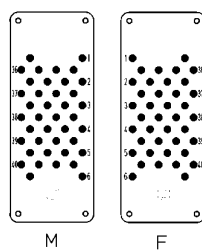
Wire gauge: 2.5 mm<sup>2</sup>



## Contact arrangement

View from termination side

Han® 40 EEE



Han® 64 EEE

