

# Han F+B 4/4-M



Part number	09 15 508 3001
Specification	Han F+B 4/4-M
HARTING eCatalogue	https://b2b.harting.com/09155083001

Image is for illustration purposes only. Please refer to product description.

#### Identification

Category	Inserts
Series	Han <sup>®</sup> F+B

### Version

Termination method	Crimp termination
Gender	Male
Number of contacts	4
Additional contacts	+ 4 additional signal contacts
PE contact	Yes
Details	Please order crimp contacts separately. 4x Han E <sup>®</sup> 4x Han D <sup>®</sup>
Details	The connector series Han <sup>®</sup> F+B equipped with all contacts may be used for voltages up to 400 V, pollution degree 3. A modified contact loading arrangement permits use up to 500 V also in the same pollution degree.

## **Technical characteristics**

Conductor cross-section	0.14 4 mm²
Rated current	20 A
Rated voltage	400 V
Rated impulse voltage	6 kV
Pollution degree	3
Rated current (signal)	10 A
Rated voltage (signal)	250 V

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### Technical characteristics

Rated impulse voltage (signal)	4 kV
Pollution degree (signal)	3
Insulation resistance	>10 <sup>10</sup> Ω
Limiting temperature	-40 +125 °C
Mating cycles	≥500
Mating cycles with other HMC components	≥3,000

#### Material properties

Material (insert)	Polycarbonate (PC)
Colour (insert)	RAL 7032 (pebble grey)
Material flammability class acc. to UL 94	V-0
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	No
REACH ANNEX XIV substances	No
REACH SVHC substances	No

### Specifications and approvals

UL 2237 PVVA2.E318390

#### Commercial data

Packaging size	1
Net weight	10.88 g
Country of origin	Germany
European customs tariff number	85389099
eCl@ss	27440205 Contact insert for industrial connectors

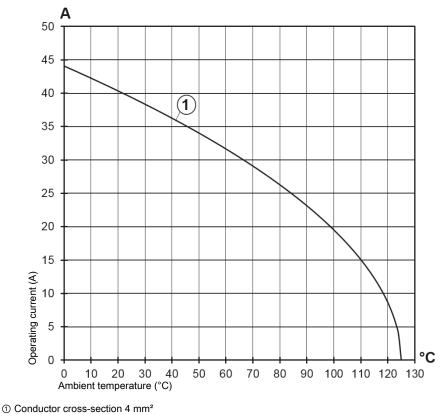
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#### Current carrying capacity

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 (nonintermittent) through each contact element of the connector evenly, without exceeding the allowed maximum temperature.

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



Current rating of the Han  $E^{(0)}$  contacts

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