

## Han F+B Hybrid male



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

Part number	09 15 512 3002
Specification	Han F+B Hybrid male
HARTING eCatalogue	<a href="https://harting.com/09155123002">https://harting.com/09155123002</a>

### Identification

Category	Inserts
Series	Han® F+B

### Version

Termination method	Crimp termination
Gender	Male
Number of contacts	12
Number of data contacts	4
Number of signal contacts	4
Number of power contacts	4
PE contact	Yes
	Please order crimp contacts separately. 4x Han E® 4x Han D® 4x M12 for data element incl. Ethernet element
Details	

### Technical characteristics

Conductor cross-section	0.14 ... 4 mm <sup>2</sup>
Rated current (signal)	10 A
Rated voltage (signal)	250 V
Rated impulse voltage (signal)	4 kV
Pollution degree (signal)	3
Rated current (power)	20 A

## Technical characteristics

Rated voltage (power)	400 V
Rated impulse voltage (power)	6 kV
Pollution degree (power)	3
Transmission characteristics	Cat. 5 Class D up to 100 MHz
Data rate	10 Mbit/s 100 Mbit/s
Insulation resistance	>10 <sup>10</sup> Ω
Limiting temperature	-40 ... +125 °C
Mating cycles	≥3,000
Note on the mating cycles	Mating cycles with other HMC components

## 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	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead Nickel

## Commercial data

Packaging size	1
Net weight	22 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140186729
eCl@ss	27440205 Contact insert for industrial connectors
ETIM	EC000438

## Commercial data

UNSPSC 24.0

39121522