

# Han F+B Hybrid Male



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

Part number 09 15 512 3001
Specification Han F+B Hybrid Male

# Identification

Category	Inserts
Series	Han <sup>®</sup> 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
Details	Please order crimp contacts separately.  4x Han E <sup>®</sup>
	4x Han D <sup>®</sup>
	4x M12 for data element

# Technical characteristics

Conductor cross-section	0.14 4 mm²
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
Rated voltage (power)	400 V

Page 1 / 2 | Creation date 2023-01-27 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.

HARTING Stiftung & Co. KG | Marienwerderstr. 3 | 32339 Espelkamp | Germany



#### Technical characteristics

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	≥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

#### Commercial data

Packaging size	1
Net weight	15.75 g
Country of origin	Germany
European customs tariff number	85389099
eCl@ss	27440205 Contact insert for industrial connectors