Pushing Performance
Since 1945

Han F+B Hybrid female



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

Part number	09 15 512 3102
Specification	Han F+B Hybrid female
HARTING eCatalogue	https://harting.com/09155123102

Identification

Category	Inserts
Series	Han® F+B

Version

Termination method	Crimp termination
Gender	Female
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® 4x Han D® 4x M12 for data element incl. Ethernet element

Technical characteristics

Conductor cross-section (mm²)	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

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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	$>10^{10}$ 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	23.8 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140186736
eCl@ss	27440205 Contact insert for industrial connectors
ETIM	EC000438

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