Pushing Performance
Since 1945

Han 12Q-MI-CRT- Hybrid



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

Part number	09 12 012 3006
Specification	Han 12Q-MI-CRT- Hybrid
HARTING eCatalogue	https://harting.com/09120123006

Identification

Category	Inserts
Series	Han® Q
Identification	Hybrid

Version

Termination method	Crimp termination
Gender	Male
Size	3 A
Number of contacts	8
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® Please order data or coding element separately.
Details	Please contact your local HARTING subsidiary for selection of suitable angled hood or housing in case of application with data element.

Technical characteristics

Conductor cross-section (mm²)	0.14 ... 2.5 mm² Signal 0.14 ... 4 mm² Power
Conductor cross-section (AWG)	AWG 26 ... AWG 14 Signal AWG 26 ... AWG 12 Power
Rated current (signal)	10 A

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Technical characteristics

Rated voltage (signal)	250 V
Rated impulse voltage (signal)	4 kV
Pollution degree (signal)	3
Rated current (power)	20 A
Rated voltage (power)	600 V
Rated impulse voltage (power)	6 kV
Pollution degree (power)	3
Insulation resistance	$>10^{10}$ Ω
Limiting temperature	-40 ... +125 °C
Mating cycles	≥500

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	Nickel
Fire protection on railway vehicles	EN 45545-2 (2020-08) + A1 (2023-10)
Requirement set with Hazard Levels	R22 (HL 1-3) R23 (HL 1-3)

Specifications and approvals

Specifications	IEC 60664-1 IEC 61984

Commercial data

Packaging size	10
Net weight	9.6 g
Country of origin	China

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Commercial data

European customs tariff number	85366990
GTIN	5713140282711
eCl@ss	27440205 Contact insert for industrial connectors
ETIM	EC000438
UNSPSC 24.0	39121522

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