



Pushing Performance
Since 1945

Han Q 4/2 F-c



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

Part number	09 12 006 3141
Specification	Han Q 4/2 F-c
HARTING eCatalogue	https://b2b.harting.com/09120063141

Identification

Category	Inserts
Series	Han [®] Q
Identification	4/2

Version

Termination method	Crimp termination
Gender	Female
Size	Han-Compact [®]
Number of contacts	6
Number of signal contacts	2
Number of power contacts	4
PE contact	Yes
Details	Please order crimp contacts separately.

Technical characteristics

Conductor cross-section	1.5 ... 6 mm ² Power 0.14 ... 2.5 mm ² Signal
Rated current	40 A
Rated voltage conductor-earth	400 V
Rated voltage conductor-conductor	690 V
Rated impulse voltage	6 kV
Pollution degree	3
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 voltage acc. to UL	600 V
Rated voltage acc. to UL (signal)	250 V
Rated voltage acc. to CSA	600 V
Rated voltage acc. to CSA (signal)	250 V
Insulation resistance	$>10^{10} \Omega$
Contact resistance, signal area	$<3 \text{ m}\Omega$
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	Not contained
Fire protection on railway vehicles	EN 45545-2 (2020-08)
Requirement set with Hazard Levels	R22 (HL 1-3) R23 (HL 1-3)

Specifications and approvals

Specifications	IEC 60664-1 IEC 61984
Approvals	DNV GL



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Specifications and approvals

UL / CSA	UL 1977 ECBT2.E235076
	CSA-C22.2 No. 182.3 ECBT8.E235076
	UL 2237 PVVA2.E318390
	CSA-C22.2 No. 182.3 PVVA8.E318390

Commercial data

Packaging size	10
Net weight	13.47 g
Country of origin	Germany
European customs tariff number	85389099
GTIN	5713140017504
eCl@ss	27440205 Contact insert for industrial connectors