

## 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	<a href="https://b2b.harting.com/09120063141">https://b2b.harting.com/09120063141</a>

### Identification

Category	Inserts
Series	Han <sup>®</sup> Q
Identification	4/2

### Version

Termination method	Crimp termination
Gender	Female
Size	Han-Compact <sup>®</sup>
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 <sup>2</sup> Power 0.14 ... 2.5 mm <sup>2</sup> Signal
Rated current (signal)	10 A
Rated voltage (signal)	250 V
Rated impulse voltage (signal)	4 kV
Pollution degree (signal)	3
Rated current (power)	40 A
Rated voltage (power)	400 V



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## Technical characteristics

Rated voltage conductor-earth (Power)	690 V
Rated impulse voltage (power)	6 kV
Pollution degree (power)	3
Rated voltage acc. to UL (signal)	250 V
Rated voltage acc. to UL (Power)	600 V
Rated voltage acc. to CSA (signal)	250 V
Rated voltage acc. to CSA (Power)	600 V
Insulation resistance	$>10^{10} \Omega$
Contact resistance, signal area	$<3 \text{ m}\Omega$
Limiting temperature	-40 ... +125 °C
Mating cycles	$\geq 500$

## 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
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



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## Specifications and approvals

Approvals	DNV GL
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## Commercial data

Packaging size	10
Net weight	13 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140017504
ETIM	EC000438
eCl@ss	27440205 Contact insert for industrial connectors