Pushing Performance
Since 1945

Han Q High Density -F-



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

Part number	09 12 021 3101
Specification	Han Q High Density -F-
HARTING eCatalogue	https://harting.com/09120213101

Identification

Category	Inserts
Series	Han® Q
Identification	High Density

Version

Termination method	Crimp termination
Gender	Female
Size	3 A
Number of contacts	21
Details	Please order crimp contacts separately.

Technical characteristics

Conductor cross-section (mm²)	0.09 ... 0.56 mm²
Rated current	6.5 A
Rated voltage	50 V
Rated voltage	50 V AC 120 V DC
Rated impulse voltage	0.8 kV
Pollution degree	3
Insulation resistance	$>10^{10}$ Ω
Limiting temperature	-40 ... +125 °C
Mating cycles	≥500

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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
UL / CSA	UL 1977 ECBT2.E235076 CSA-C22.2 No. 182.3 ECBT8.E235076
Approvals	DNV GL

Commercial data

Packaging size	10
Net weight	8 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140018136
eCl@ss	27440205 Contact insert for industrial connectors
ETIM	EC000438
UNSPSC 24.0	39121522

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