

# Han 12Q-SMC-MI-CRT-PE with QL



Part number	09 12 012 3001
Specification	Han 12Q-SMC-MI-CRT-PE with QL
HARTING eCatalogue	https://b2b.harting.com/09120123001

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

## Identification

Category	Inserts
Series	Han <sup>®</sup> Q
Identification	12/0
Specification	With Han-Quick Lock <sup>®</sup> PE contact

### Version

Termination method	Crimp termination
Gender	Male
Size	3 A
Number of contacts	12
PE contact	Yes
Details	Blue slide (PE: 0.5 2.5 mm²) Please order crimp contacts separately.
Details	for stranded wire according to IEC 60228 Class 5

#### Technical characteristics

Conductor cross-section	0.14 2.5 mm²
Rated current	10 A
Rated voltage	400 V
Rated impulse voltage	6 kV
Pollution degree	3
Rated voltage acc. to UL	600 V
Rated voltage acc. to CSA	600 V

Page 1 / 3 | Creation date 2023-06-02 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.

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## Technical characteristics

Insulation resistance	>10 <sup>10</sup> 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 with exemption
RoHS exemptions	6(c): Copper alloy containing up to 4 % lead by weight
ELV status	compliant with exemption
China RoHS	50
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Yes
REACH SVHC substances	Lead
ECHA SCIP number	5dbb3851-b94e-4e88-97a1-571845975242
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead
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
Approvals	DNV GL

#### Commercial data

Packaging size	10
Net weight	11.64 g
Country of origin	Romania
European customs tariff number	85366990

Page 2 / 3 | Creation date 2023-06-02 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.

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# Commercial data

GTIN	5713140018013
eCl@ss	27440205 Contact insert for industrial connectors