

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 [®] Q |
| Identification | 12/0 |
| Specification | With Han-Quick Lock [®] 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 2024-02-10 | 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. HARTING Electric Stiftung & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com



Technical characteristics

| 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 94V-0RoHScompliant with exemptionRoHS exemptions6(c): Copper alloy containing up to 4 % lead by weightELV statuscompliant with exemptionChina RoHS50REACH Annex XVII substancesNot containedREACH ANNEX XIV substancesNot containedREACH SVHC substancesYesREACH SVHC substancesSdb3851-b94e-4e88-97a1-571845975242California Proposition 65 substancesLeadCalifornia Proposition 65 substancesLeadFire protection on railway vehiclesEN 45545-2 (2020-08)Requirement set with Hazard LevelsR22 (HL 1-3) R23 (HL 1-3) R21 (HL 1-3) | | |
|---|---|--|
| Material flammability class acc. to UL 94V-0RoHScompliant with exemptionRoHS exemptions6(c): Copper alloy containing up to 4 % lead by weightELV statuscompliant with exemptionChina RoHS50REACH Annex XVII substancesNot containedREACH ANNEX XIV substancesNot containedREACH SVHC substancesYesREACH SVHC substancesLeadECHA SCIP number5db3851-b94e-4e88-97a1-571845975242California Proposition 65 substancesYesFire protection on railway vehiclesEN 45545-2 (2020-08)Rezulirement set with Hazard LevelsR22 (HL 1-3) | Material (insert) | Polycarbonate (PC) |
| RoHScompliant with exemptionRoHS exemptions6(c): Copper alloy containing up to 4 % lead by weightELV statuscompliant with exemptionChina RoHS50REACH Annex XVII substancesNot containedREACH ANNEX XIV substancesNot containedREACH SVHC substancesYesREACH SVHC substancesLeadECHA SCIP number5dbb3851-b94e-4e88-97a1-571845975242California Proposition 65 substancesLeadFire protection on railway vehiclesEN 45545-2 (2020-08)Rez (HL 1-3)R22 (HL 1-3) | Colour (insert) | RAL 7032 (pebble grey) |
| RoHS exemptions6(c): Copper alloy containing up to 4 % lead by weightELV statuscompliant with exemptionChina RoHS50REACH Annex XVII substancesNot containedREACH ANNEX XIV substancesNot containedREACH SVHC substancesYesREACH SVHC substancesLeadECHA SCIP number5dbb3851-b94e-4e88-97a1-571845975242California Proposition 65 substancesYesCalifornia Proposition 65 substancesLeadFire protection on railway vehiclesEN 45545-2 (2020-08)Requirement set with Hazard LevelsR22 (HL 1-3) | Material flammability class acc. to UL 94 | V-0 |
| ELV statuscompliant with exemptionChina RoHS50REACH Annex XVII substancesNot containedREACH ANNEX XIV substancesNot containedREACH SVHC substancesYesREACH SVHC substancesLeadECHA SCIP number5dbb3851-b94e-4e88-97a1-571845975242California Proposition 65 substancesYesCalifornia Proposition 65 substancesLeadFire protection on railway vehiclesEN 45545-2 (2020-08)Requirement set with Hazard LevelsR22 (HL 1-3) | RoHS | compliant with exemption |
| China RoHS50REACH Annex XVII substancesNot containedREACH ANNEX XIV substancesNot containedREACH SVHC substancesYesREACH SVHC substancesLeadECHA SCIP number5dbb3851-b94e-4e88-97a1-571845975242California Proposition 65 substancesYesCalifornia Proposition 65 substancesLeadFire protection on railway vehiclesEN 45545-2 (2020-08)Requirement set with Hazard LevelsR22 (HL 1-3) | RoHS exemptions | 6(c): Copper alloy containing up to 4 % lead by weight |
| REACH Annex XVII substancesNot containedREACH ANNEX XIV substancesNot containedREACH SVHC substancesYesREACH SVHC substancesLeadECHA SCIP number5dbb3851-b94e-4e88-97a1-571845975242California Proposition 65 substancesYesCalifornia Proposition 65 substancesLeadFire protection on railway vehiclesEN 45545-2 (2020-08)Requirement set with Hazard LevelsR22 (HL 1-3) | ELV status | compliant with exemption |
| REACH ANNEX XIV substancesNot containedREACH SVHC substancesYesREACH SVHC substancesLeadECHA SCIP number5dbb3851-b94e-4e88-97a1-571845975242California Proposition 65 substancesYesCalifornia Proposition 65 substancesLeadFire protection on railway vehiclesEN 45545-2 (2020-08)Requirement set with Hazard LevelsR22 (HL 1-3) | China RoHS | 50 |
| REACH SVHC substancesYesREACH SVHC substancesLeadECHA SCIP number5dbb3851-b94e-4e88-97a1-571845975242California Proposition 65 substancesYesCalifornia Proposition 65 substancesLeadFire protection on railway vehiclesEN 45545-2 (2020-08)Requirement set with Hazard LevelsR22 (HL 1-3) | REACH Annex XVII substances | Not contained |
| 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) | REACH ANNEX XIV substances | Not contained |
| 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) | REACH SVHC substances | Yes |
| 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) | REACH SVHC substances | Lead |
| California Proposition 65 substances Lead Fire protection on railway vehicles EN 45545-2 (2020-08) Requirement set with Hazard Levels R22 (HL 1-3) | ECHA SCIP number | 5dbb3851-b94e-4e88-97a1-571845975242 |
| Fire protection on railway vehicles EN 45545-2 (2020-08) Requirement set with Hazard Levels R22 (HL 1-3) | California Proposition 65 substances | Yes |
| R22 (HL 1-3) | California Proposition 65 substances | Lead |
| Requirement set with Hazard Levels | Fire protection on railway vehicles | EN 45545-2 (2020-08) |
| | Requirement set with Hazard Levels | |

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 |
| Packaging size Net weight | 10 11.64 g |
| | |

Page 2 / 3 | Creation date 2024-02-10 | 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. HARTING Electric Stiftung & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com Product data sheet 09 12 012 3001 Han 12Q-SMC-MI-CRT-PE with QL



Commercial data

GTIN ETIM

eCl@ss

5713140018013 EC000438

27440205 Contact insert for industrial connectors

Page 3 / 3 | Creation date 2024-02-10 | 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. HARTING Electric Stiftung & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com