

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



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 12 012 3101                                                                |
| Specification      | Han 12Q-SMC-FI-CRT-PE with QL                                                 |
| HARTING eCatalogue | <a href="https://harting.com/09120123101">https://harting.com/09120123101</a> |

### 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             | Female                                                                                   |
| Size               | 3 A                                                                                      |
| Number of contacts | 12                                                                                       |
| PE contact         | Yes                                                                                      |
| Details            | Blue slide (PE: 0.5 ... 2.5 mm <sup>2</sup> )<br>Please order crimp contacts separately. |
| Details            | for stranded wire according to IEC 60228 Class 5                                         |

### Technical characteristics

|                           |                              |
|---------------------------|------------------------------|
| Conductor cross-section   | 0.14 ... 2.5 mm <sup>2</sup> |
| 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                        |



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## Technical characteristics

|                       |                   |
|-----------------------|-------------------|
| Insulation resistance | $>10^{10} \Omega$ |
| 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 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<br>Nickel                                         |
| Fire protection on railway vehicles       | EN 45545-2 (2020-08)                                   |
| Requirement set with Hazard Levels        | R22 (HL 1-3)<br>R23 (HL 1-3)                           |

## Specifications and approvals

|                |                                                            |
|----------------|------------------------------------------------------------|
| Specifications | IEC 60664-1<br>IEC 61984                                   |
| UL / CSA       | UL 1977 ECBT2.E235076<br>CSA-C22.2 No. 182.3 ECBT8.E235076 |
| Approvals      | DNV GL                                                     |

## Commercial data

|                   |         |
|-------------------|---------|
| Packaging size    | 10      |
| Net weight        | 9 g     |
| Country of origin | Romania |



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Commercial data

|                                |                                                   |
|--------------------------------|---------------------------------------------------|
| European customs tariff number | 85366990                                          |
| GTIN                           | 5713140018044                                     |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |
| ETIM                           | EC000438                                          |
| UNSPSC 24.0                    | 39121522                                          |