



Pushing Performance  
Since 1945

# Han 4A-F-QL



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 20 004 2733                                                                |
| Specification      | Han 4A-F-QL                                                                   |
| HARTING eCatalogue | <a href="https://harting.com/09200042733">https://harting.com/09200042733</a> |

## Identification

|          |                    |
|----------|--------------------|
| Category | Inserts            |
| Series   | Han A <sup>®</sup> |

## Version

|                    |                                                  |
|--------------------|--------------------------------------------------|
| Termination method | Han-Quick Lock <sup>®</sup> termination          |
| Gender             | Female                                           |
| Size               | 3 A                                              |
| Number of contacts | 4                                                |
| PE contact         | Yes                                              |
| Details            | Blue slide                                       |
| Details            | for stranded wire according to IEC 60228 Class 5 |

## Technical characteristics

|                                   |                     |
|-----------------------------------|---------------------|
| Conductor cross-section (mm²)     | 0.5 ... 2.5 mm²     |
| Rated current                     | 10 A                |
| Rated voltage conductor-earth     | 230 V               |
| Rated voltage conductor-conductor | 400 V               |
| Rated impulse voltage             | 4 kV                |
| Pollution degree                  | 3                   |
| Rated voltage acc. to UL          | 600 V               |
| Insulation resistance             | >10 <sup>10</sup> Ω |
| Limiting temperature              | -40 ... +125 °C     |



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## Technical characteristics

|               |      |
|---------------|------|
| Mating cycles | ≥500 |
|---------------|------|

## Material properties

|                                           |                                                        |
|-------------------------------------------|--------------------------------------------------------|
| Material (insert)                         | Polycarbonate (PC)                                     |
| Colour (insert)                           | RAL 7032 (pebble grey)                                 |
| Material (contacts)                       | Copper alloy                                           |
| Surface (contacts)                        | Silver plated                                          |
| 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) + A1 (2023-10)                    |
| 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        | 0.315 g |
| Country of origin | Romania |



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Commercial data

|                                |                                                   |
|--------------------------------|---------------------------------------------------|
| European customs tariff number | 85366990                                          |
| GTIN                           | 5713140039117                                     |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |
| ETIM                           | EC000438                                          |
| UNSPSC 24.0                    | 39121522                                          |