

## Han Q 4/2-F insert with QL 2,5-6mm<sup>2</sup>



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

|                    |   |
|--------------------|---|
| Part number        | 09 12 006 2762  |
| Specification      | Han Q 4/2-F insert with QL 2,5-6mm <sup>2</sup>                               |
| HARTING eCatalogue | <a href="https://harting.com/09120062762">https://harting.com/09120062762</a> |

### Identification

|                |                    |
|----------------|--------------------|
| Category       | Inserts            |
| Series         | Han <sup>®</sup> Q |
| Identification | 4/2                |

### Version

|                           |  |
|---------------------------|--|
| Termination method        | Axial screw termination                          |
| Gender                    | Female   |
| Size                      | Han-Compact <sup>®</sup>                         |
| Number of contacts        | 6  |
| Number of signal contacts | 2  |
| Number of power contacts  | 4  |
| PE contact                | Yes  |
| Details                   | With Han-Quick Lock <sup>®</sup> signal contacts |

### Technical characteristics

|                                       |  |
|---------------------------------------|--|
| Conductor cross-section               | 2.5 ... 6 mm <sup>2</sup><br>0.25 ... 1.5 mm <sup>2</sup> Signal |
| Rated current (signal)                | 10 A   |
| Rated voltage (signal)                | 250 V  |
| Rated impulse voltage (signal)        | 4 kV   |
| Pollution degree (signal)             | 3  |
| Rated current (power)                 | 40 A   |
| Rated voltage conductor-earth (Power) | 400 V  |



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## Technical characteristics

|   |                     |
|---|---------------------|
| Rated voltage conductor-conductor (Power) | 690 V               |
| Rated impulse voltage (power)             | 6 kV                |
| Pollution degree (power)                  | 3                   |
| Insulation resistance                     | >10 <sup>10</sup> Ω |
| Contact resistance                        | ≤0.3 mΩ             |
| Contact resistance, signal area           | <3 mΩ               |
| Tightening torque                         | 1.8 Nm              |
| Limiting temperature                      | -40 ... +125 °C     |
| 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 |
|----------------|--------------------------|



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## Specifications and approvals

|           |  |
|-----------|--|
| 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                     | 39.4 g  |
| Country of origin              | Romania   |
| European customs tariff number | 85366990  |
| GTIN                           | 5713140017382                                     |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |
| ETIM                           | EC000438  |
| UNSPSC 24.0                    | 39121522  |