

## Han Q 5/0 Insert male quick lock 1,5mm<sup>2</sup>



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

|                    |   |
|--------------------|---|
| Part number        | 09 12 005 2634  |
| Specification      | Han Q 5/0 Insert male quick lock 1,5mm <sup>2</sup>                                   |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09120052634">https://b2b.harting.com/09120052634</a> |

### Identification

|                |                    |
|----------------|--------------------|
| Category       | Inserts            |
| Series         | Han <sup>®</sup> Q |
| Identification | 5/0                |

### Version

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

### Technical characteristics

|                                   |                              |
|-----------------------------------|------------------------------|
| Conductor cross-section           | 0.25 ... 1.5 mm <sup>2</sup> |
| Rated current                     | 16 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                        |
| Rated voltage acc. to CSA         | 600 V                        |
| Insulation resistance             | >10 <sup>10</sup> Ω          |



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## Technical characteristics

|                      |                 |
|----------------------|-----------------|
| Contact resistance   | ≤1 mΩ           |
| Stripping length     | 10 mm           |
| 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<br>Naphthalene                          |
| 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                                   |
| Approvals      | DNV GL   |
| UL / CSA       | UL 1977 ECBT2.E235076<br>CSA-C22.2 No. 182.3 ECBT8.E235076 |



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## Commercial data

|                                |   |
|--------------------------------|---|
| Packaging size                 | 10  |
| Net weight                     | 18.54 g   |
| Country of origin              | Romania   |
| European customs tariff number | 85366990  |
| GTIN                           | 5713140017221                                     |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |