

## Han 3A M Insert Screw



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 20 003 2611                                                                |
| Specification      | Han 3A M Insert Screw                                                         |
| HARTING eCatalogue | <a href="https://harting.com/09200032611">https://harting.com/09200032611</a> |

### Identification

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

### Version

|                    |                   |
|--------------------|-------------------|
| Termination method | Screw termination |
| Gender             | Male              |
| Size               | 3 A               |
| Number of contacts | 3                 |
| PE contact         | Yes               |

### Technical characteristics

|                                            |                                        |
|--------------------------------------------|----------------------------------------|
| Conductor cross-section (mm <sup>2</sup> ) | 0.75 ... 1.5 mm <sup>2</sup>           |
| 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                    |
| Stripping length                           | 2.5 ... 5.5 mm                         |
| Tightening torque                          | 0.25 Nm Contact screw M3               |
| Recommended screw driver                   | Slotted 0.4 x 2.5<br>Slotted 0.6 x 3.5 |



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## Technical characteristics

|                      |                 |
|----------------------|-----------------|
| 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                          | 564b7d75-7bf6-4cfb-acb1-2168eb61b675                   |
| 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     | 14.24 g |



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Commercial data

|                                |                                                   |
|--------------------------------|---------------------------------------------------|
| Country of origin              | Romania                                           |
| European customs tariff number | 85366990                                          |
| GTIN                           | 5713140038820                                     |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |
| ETIM                           | EC000438                                          |
| UNSPSC 24.0                    | 39121522                                          |