Please do not use this product for new DesignIns anymore. Please contact your local distribution partner.

Pushing Performance
Since 1945

# Han 3A F Insert Screw



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

| | |
|---|---|
| Part number | 09 20 003 2711 |
| Specification | Han 3A F Insert Screw |
| HARTING eCatalogue | https://harting.com/09200032711 |

## Identification

| | |
|---|---|
| Category | Inserts |
| Series | Han A® |

## Version

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

## Technical characteristics

| | |
|---|---|
| Conductor cross-section (mm²) | 0.75 ... 1.5 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 | $>10^{10}$ 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 |


HARTING Electric Stiftung & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany
Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com

Pushing Performance
Since 1945

## 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 |
| PFAS | Yes |
| PFAS substances | Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate |
| 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 | CE<br>UKCA<br>DNV GL |


HARTING Electric Stiftung & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany
Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com

Pushing Performance
Since 1945

## Commercial data

| | |
|---|---|
| Packaging size | 10 |
| Net weight | 0.6 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| GTIN | 5713140038851 |
| eCl@ss | 27440205 Contact insert for industrial connectors |
| ETIM | EC000438 |
| UNSPSC 24.0 | 39121522 |


HARTING Electric Stiftung & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany
Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com