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# Han E 16 Pos. F Insert Screw

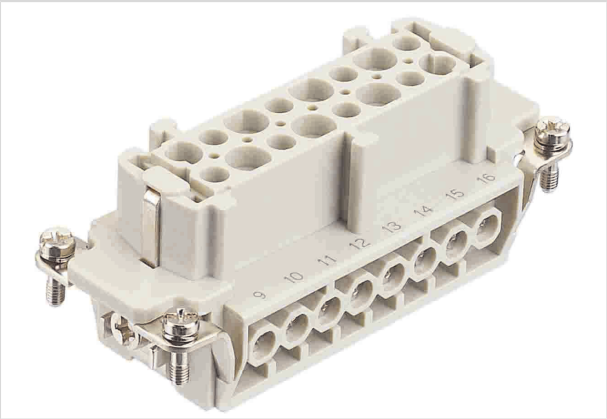



Image is for illustration purposes only. Please refer to product description.

| | |
|---|---|
| Part number | 09 33 016 2701 |
| Specification | Han E 16 Pos. F Insert Screw |
| HARTING eCatalogue | https://b2b.harting.com/09330162701 |

## Identification

| | |
|---|---|
| Category | Inserts |
| Series | Han E® |

## Version

| | |
|---|---|
| Termination method | Screw termination |
| Gender | Female |
| Size | 16 B |
| With wire protection | Yes |
| Number of contacts | 16 |
| PE contact | Yes |

## Technical characteristics

| | |
|---|---|
| Conductor cross-section | 0.75 ... 2.5 mm² |
| Conductor cross-section | AWG 18 ... AWG 14 |
| Rated current | 16 A |
| Rated voltage | 500 V |
| Rated impulse voltage | 6 kV |
| Pollution degree | 3 |
| Rated voltage acc. to UL | 600 V |
| Rated voltage acc. to CSA | 600 V |
| Insulation resistance | $>10^{10}$ Ω |
| Contact resistance | ≤1 mΩ |
| Stripping length | 7.5 mm |


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## Technical characteristics

| | |
|---|---|
| Tightening torque | 0.5 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) |
| 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>UL 2237 PVVA2.E318390<br>CSA-C22.2 No. 182.3 PVVA8.E318390 |

## Commercial data

| | |
|---|---|
| Packaging size | 1 |


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## Commercial data

| | |
|---|---|
| Net weight | 88.8 g |
| Country of origin | Germany |
| European customs tariff number | 85366990 |
| GTIN | 5713140051454 |
| eCl@ss | 27440205 Contact insert for industrial connectors |


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