

Han K 4/8 Pos. F Insert Screw



| Part number | 09 38 012 2701 |
|--------------------|-------------------------------------|
| Specification | Han K 4/8 Pos. F Insert Screw |
| HARTING eCatalogue | https://b2b.harting.com/09380122701 |

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

Identification

| Category | Inserts |
|----------------|------------------------|
| Series | Han-Com [®] |
| Identification | Han [®] K 4/8 |

Version

| Termination method | Screw termination |
|---------------------------|-------------------|
| Gender | Female |
| Size | 24 B |
| Number of contacts | 12 |
| Number of signal contacts | 8 |
| Number of power contacts | 4 |
| PE contact | Yes |

Technical characteristics

| Conductor cross-section | 1.5 16 mm² Power 0.5 2.5 mm² Signal |
|--------------------------------|--|
| Rated current | 80 A |
| Rated voltage | 400 V |
| Rated impulse voltage | 6 kV |
| Pollution degree | 3 |
| Rated current (signal) | 16 A |
| Rated voltage (signal) | 400 V |
| Rated impulse voltage (signal) | 6 kV |



Technical characteristics

| Pollution degree (signal) | 3 |
|------------------------------------|---|
| Rated current acc. to UL | 80 A |
| Rated voltage acc. to UL | 600 V |
| Rated current acc. to UL (signal) | 16 A |
| Rated voltage acc. to UL (signal) | 600 V |
| Rated current acc. to CSA | 80 A |
| Rated voltage acc. to CSA | 600 V |
| Rated current acc. to CSA (signal) | 16 A |
| Rated voltage acc. to CSA (signal) | 600 V |
| Insulation resistance | >10 ¹⁰ Ω |
| Contact resistance | ≤0.3 mΩ |
| Contact resistance, signal area | ≤1 mΩ |
| Stripping length | 14 mm 7.5 mm Signal |
| Tightening torque | 1.2 Nm @ 1.5 mm ² 2 Nm @ 2.5 mm ² 3 Nm @ 4 mm ² 3 Nm @ 6 mm ² 3 Nm @ 10 mm ² 3 Nm @ 16 mm ² 0.5 Nm Signal |
| Limiting temperature | -40 +125 °C |
| Mating cycles | ≥500 |
| | |

Material properties

| Material (insert) | Polyamide (PA) |
|---|--|
| Colour (insert) | RAL 7032 (pebble grey) |
| Material (contacts) | Copper alloy |
| Surface (contacts) | Silver plated |
| Material flammability class acc. to UL 94 | НВ |
| 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 |



Material properties

| 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 Nickel |

Specifications and approvals

| Specifications | IEC 60664-1 IEC 61984 |
|----------------|--|
| UL / CSA | UL 1977 ECBT2.E235076 CSA-C22.2 No. 182.3 ECBT8.E235076 |
| Approvals | DNV GL |

Commercial data

| Packaging size | 1 |
|--------------------------------|---|
| Net weight | 147 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| GTIN | 5713140056381 |
| ETIM | EC000438 |
| eCl@ss | 27440205 Contact insert for industrial connectors |