

Han Q1/0-F-axial screw



| Part number | 09 12 001 2751 |
|--------------------|-------------------------------------|
| Specification | Han Q1/0-F-axial screw |
| HARTING eCatalogue | https://b2b.harting.com/09120012751 |

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

Identification

| Category | Inserts |
|----------------|--------------------|
| Series | Han [®] Q |
| Identification | 1/0 protected |

Version

| Termination method | Axial screw termination |
|--------------------|---|
| Gender | Female |
| Size | 3 A |
| Number of contacts | 1 |
| | The described connectors are connectors without breaking capacity (COC) according to IEC 61984 and must not be coupled or decoupled under electrical load during use as intended! |
| | Only cables with protection class 2 shall be used! |
| Details | The axial screw termination is suitable for fine stranded wires according to EN 60228 class 5. Using alternative cables have to be tested separately. |
| | For the assembly within bulkhead mounted housings the described installation conditions of the data and type sheets must be respected. |
| | Only the housings linked in the eShop shall be used! |
| | For the connection of the conductor into the axial screw contact use hex key with A/F 4. |

Technical characteristics

| Conductor cross-section | 16 25 mm² |
|-------------------------|-------------|
| Conductor cross-section | AWG 6 AWG 4 |
| Rated current | 100 A |
| Rated voltage | 400 V |
| Rated impulse voltage | 6 kV |

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Technical characteristics

| Pollution degree | 3 |
|-----------------------|---------------------|
| Insulation resistance | >10 ¹⁰ Ω |
| Contact resistance | ≤0.3 mΩ |
| Stripping length | 10 mm |
| Tightening torque | 6 7 Nm |
| Limiting temperature | -40 +125 °C |
| Mating cycles | ≥500 |

Material properties

| Material (insert) | Polycarbonate (PC) Polyamide (PA) |
|---|--------------------------------------|
| 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 |
| ELV status | compliant |
| China RoHS | e |
| REACH Annex XVII substances | Not contained |
| REACH ANNEX XIV substances | Not contained |
| REACH SVHC substances | Not contained |
| California Proposition 65 substances | Yes |
| California Proposition 65 substances | Nickel |

Specifications and approvals

| Specifications | EN 60664-1 |
|----------------|------------|
| Specifications | IEC 61984 |

Commercial data

| Packaging size | 1 |
|--------------------------------|---|
| Net weight | 36.9 g |
| Country of origin | Germany |
| European customs tariff number | 85366990 |
| eCl@ss | 27440205 Contact insert for industrial connectors |

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