

Han Q1/0-F-axial screw



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

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 |
| Details | ATTENTION! Only to be used with specified hoods and housings! |

Technical characteristics

| | |
|-------------------------|---------------------------|
| Conductor cross-section | 16 ... 25 mm ² |
| Conductor cross-section | AWG 6 ... AWG 4 |
| Rated current | 100 A |
| Rated voltage | 400 V |
| Rated impulse voltage | 6 kV |
| Pollution degree | 3 |
| Insulation resistance | ≥10 ¹⁰ Ω |
| Contact resistance | ≤0.3 mΩ |
| Limiting temperature | -40 ... +125 °C |
| Stripping length | 10 mm |
| Tightening torque | 6 ... 7 Nm |
| Mating cycles | ≥500 |

Material properties

| | |
|-------------------|----------------------------|
| Material (insert) | Polycarbonate Polyamide |
| Colour (insert) | RAL 7032 (pebble grey) |



Pushing Performance

Material properties

| | |
|-------------------------------------------|---------------|
| 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 | No |
| REACH ANNEX XIV substances | No |
| REACH SVHC substances | No |

Specifications and approvals

| | |
|----------------|-------------------------|
| Specifications | EN 60664-1 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 |