

Han Q1/0-M-axial screw



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

| | |
|--------------------|---|
| Part number | 09 12 001 2651 |
| Specification | Han Q1/0-M-axial screw |
| HARTING eCatalogue | https://b2b.harting.com/09120012651 |

Identification

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

Version

| | |
|--------------------|-------------------------|
| Termination method | Axial screw termination |
| Gender | Male |
| Size | 3 A |
| Number of contacts | 1 |

| | |
|---------|---|
| Details | 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! |
| | 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

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|-------------------------|---------------------------|
| 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 |



Pushing Performance

Technical characteristics

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|-----------------------|----------------------------|
| Pollution degree | 3 |
| Insulation resistance | $>10^{10} \Omega$ |
| Contact resistance | $\leq 0.3 \text{ m}\Omega$ |
| 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 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 | No |
| REACH ANNEX XIV substances | No |
| REACH SVHC substances | Yes |
| REACH SVHC substances | Lead Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate |
| ECHA SCIP number | 1e38d35d-d1be-4585-8e03-95faccd739bf |

Specifications and approvals

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

Commercial data

| | |
|--------------------------------|----------|
| Packaging size | 1 |
| Net weight | 37 g |
| Country of origin | Germany |
| European customs tariff number | 85366990 |



Pushing Performance

Commercial data

eCl@ss

27440205 Contact insert for industrial connectors