

## Han Q1/0-F-axial screw



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

Part number	09 12 001 2751
Specification	Han Q1/0-F-axial screw
HARTING eCatalogue	<a href="https://b2b.harting.com/09120012751">https://b2b.harting.com/09120012751</a>

### 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	<p>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!</p> <p>Only cables with protection class 2 shall be used!</p> <p>The axial screw termination is suitable for fine stranded wires according to EN 60228 class 5. Using alternative cables have to be tested separately.</p> <p>For the assembly within bulkhead mounted housings the described installation conditions of the data and type sheets must be respected.</p> <p>Only the housings linked in the eShop shall be used!</p> <p>For the connection of the conductor into the axial screw contact use hex key with A/F 4.</p>

### Technical characteristics

Conductor cross-section	16 ... 25 mm <sup>2</sup>
Conductor cross-section	AWG 6 ... AWG 4
Rated current	100 A
Rated voltage	400 V
Rated impulse voltage	6 kV



Pushing Performance

## Technical characteristics

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	$\geq 500$

## 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	No
REACH ANNEX XIV substances	No
REACH SVHC substances	No

## Specifications and approvals

Specifications	EN 60664-1 IEC 61984
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## 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