

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	https://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	<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 AF 4.</p>

Technical characteristics

Conductor cross-section	16 ... 25 mm ²
Conductor cross-section [AWG]	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	$>10^{10} \Omega$
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
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	IEC 60664-1 IEC 61984
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Commercial data

Packaging size	1
Net weight	31.31 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140186521



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ETIM	EC000438
eCl@ss	27440205 Contact insert for industrial connectors