

Han Q 4/2 male insert with Quick Lock



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

Part number	09 12 006 2663
Specification	Han Q 4/2 male insert with Quick Lock

Identification

Category	Inserts
Series	Han [®] Q
Identification	4/2

Version

Termination method	Axial screw termination
Gender	Male
Size	Han-Compact [®]
Number of contacts	4
further contacts	+ 2 additional signal contacts
PE contact	Yes
Details	With Han-Quick Lock [®] signal contacts

Technical characteristics

Conductor cross-section	4 ... 10 mm ² 0.25 ... 1.5 mm ² Signal
Rated current	40 A
Rated voltage conductor-earth	400 V
Rated voltage conductor-conductor	690 V
Rated impulse voltage	6 kV
Pollution degree	3
Rated current (signal)	10 A
Rated voltage (signal)	250 V



Technical characteristics

Rated impulse voltage (signal)	4 kV
Pollution degree (signal)	3
Insulation resistance	$>10^{10} \Omega$
Contact resistance	$\leq 0.3 \text{ m}\Omega$
Contact resistance, signal area	$< 3 \text{ m}\Omega$
Tightening torque	1.8 Nm
Limiting temperature	-40 ... +125 °C
Mating cycles	≥ 500

Material properties

Material (insert)	Polycarbonate (PC)
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
ECHA SCIP number	5dbb3851-b94e-4e88-97a1-571845975242

Specifications and approvals

Specifications	EN 60664-1 IEC 61984
Approvals	DNV GL
UL / CSA	UL 1977 ECBT2.E235076 CSA-C22.2 No. 182.3 ECBT8.E235076

Commercial data

Packaging size	10
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Pushing Performance

Commercial data

Net weight	45.54 g
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27440205 Contact insert for industrial connectors