

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
HARTING eCatalogue	https://harting.com/09120062663

Identification

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

Version

Termination method	Axial screw termination
Gender	Male
Size	Han-Compact [®]
Number of contacts	6
Number of signal contacts	2
Number of power contacts	4
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 (signal)	10 A
Rated voltage (signal)	250 V
Rated impulse voltage (signal)	4 kV
Pollution degree (signal)	3
Rated current (power)	40 A
Rated voltage conductor-earth (Power)	400 V



Pushing Performance
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Technical characteristics

Rated voltage conductor-conductor (Power)	690 V
Rated impulse voltage (power)	6 kV
Pollution degree (power)	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	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Yes
REACH SVHC substances	Lead
ECHA SCIP number	5dbb3851-b94e-4e88-97a1-571845975242
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead
Fire protection on railway vehicles	EN 45545-2 (2020-08) + A1 (2023-10)
Requirement set with Hazard Levels	R22 (HL 1-3) R23 (HL 1-3)

Specifications and approvals

Specifications	IEC 60664-1 IEC 61984
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Specifications and approvals

UL / CSA	UL 1977 ECBT2.E235076
	CSA-C22.2 No. 182.3 ECBT8.E235076
Approvals	DNV GL

Commercial data

Packaging size	10
Net weight	45.54 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140017290
eCl@ss	27440205 Contact insert for industrial connectors
ETIM	EC000438
UNSPSC 24.0	39121522