

## 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	<a href="https://b2b.harting.com/09120062663">https://b2b.harting.com/09120062663</a>

### Identification

Category	Inserts
Series	Han <sup>®</sup> Q
Identification	4/2

### Version

Termination method	Axial screw termination
Gender	Male
Size	Han-Compact <sup>®</sup>
Number of contacts	6
Number of data contacts	2
Number of signal contacts	4
PE contact	Yes
Details	With Han-Quick Lock <sup>®</sup> signal contacts

### Technical characteristics

Conductor cross-section	4 ... 10 mm <sup>2</sup> 0.25 ... 1.5 mm <sup>2</sup> 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



Pushing Performance

## Technical characteristics

Rated voltage (signal)	250 V
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	$\geq 500$

## 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

## Specifications and approvals

Specifications	EN 60664-1 IEC 61984
Approvals	DNV GL



Pushing Performance

## Specifications and approvals

UL / CSA	UL 1977 ECBT2.E235076 CSA-C22.2 No. 182.3 ECBT8.E235076
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## Commercial data

Packaging size	10
Net weight	45.54 g
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27440205 Contact insert for industrial connectors