

# Han Q 4/2-F insert with QL 2,5-6mm<sup>2</sup>



Part number	09 12 006 2762
Specification	Han Q 4/2-F insert with QL 2,5-6mm <sup>2</sup>
HARTING eCatalogue	https://b2b.harting.com/09120062762

#### Identification

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

#### Version

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

## **Technical characteristics**

Conductor cross-section	2.5 6 mm² 0.25 1.5 mm² 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
Rated impulse voltage (signal)	4 kV

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#### Technical characteristics

Pollution degree (signal)	3
Insulation resistance	>10 <sup>10</sup> Ω
Contact resistance	≤0.3 mΩ
Contact resistance, signal area	<3 mΩ
Limiting temperature	-40 +125 °C
Tightening torque	1.8 Nm
Mating cycles	≥500

### Material properties

Material (insert)	Polycarbonate
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

## 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
Net weight	39.4 g
Country of origin	Germany

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Commercial data

European customs tariff number

eCl@ss

85366990

27440205 Contact insert for industrial connectors

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