

## 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	<a href="https://b2b.harting.com/09120062762">https://b2b.harting.com/09120062762</a>

### 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 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
Rated voltage (signal)	250 V
Rated impulse voltage (signal)	4 kV



Pushing Performance

## Technical characteristics

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

## 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



Pushing Performance

## Commercial data

European customs tariff number 85366990

eCl@ss 27440205 Contact insert for industrial connectors