

Han Q 4/2-F insert with QL 2,5-6mm²



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

Identification

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

Version

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

Technical characteristics

Conductor cross-section	2.5 ... 6 mm ²
Electrical data acc. to IEC 61984	40 A 400/690 V 6 kV 3
Rated current	40 A
Rated voltage conductor-earth	400 V
Rated voltage conductor-conductor	690 V
Rated impulse voltage	6 kV
Pollution degree	3
Electrical data, signal	10 A 250 V 4 kV 3
Rated current (signal)	10 A
Rated voltage (signal)	250 V
Rated impulse voltage (signal)	4 kV
Pollution degree (signal)	3
Insulation resistance	≥10 ¹⁰ Ω
Contact resistance	≤0.3 mΩ



Pushing Performance

Technical characteristics

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	6c: 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
Customs tariff number	85366990