Product data sheet
09 12 006 2662
Han Q 4/2-M insert with QL 2,5-6mm²

HARTING ®

Pushing Performance
Since 1945

Han Q 4/2-M insert with QL 2,5-6mm²

Image is for illustration purposes only. Please refer to product description.

Part number	09 12 006 2662
Specification	Han Q 4/2-M insert with QL 2,5-6mm²
HARTING eCatalogue	https://b2b.harting.com/09120062662

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 data contacts	2
Number of signal contacts	4
PE contact	Yes
Details	With Han-Quick Lock® 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

Page 1 / 3 | Creation date 2022-08-11 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.
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Technical characteristics

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
Contact resistance, signal area	<3 mΩ
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	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol Lead
ECHA SCIP number	5dbb3851-b94e-4e88-97a1-571845975242
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead Nickel Naphthalene
Fire protection on railway vehicles	EN 45545-2 (2020-08)
Requirement set with Hazard Levels	R22 (HL 1-3) R23 (HL 1-3)

Page 2 / 3 | Creation date 2022-08-11 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.
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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	46.34 g
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140017283
eCl@ss	27440205 Contact insert for industrial connectors

Page 3 / 3 | Creation date 2022-08-11 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.
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