

Han Q 4/2-M Insert AS 2,5-6mm²



Part number	09 12 006 2665
Specification	Han Q 4/2-M Insert AS 2,5-6mm ²
HARTING eCatalogue	https://b2b.harting.com/09120062665

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

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 signal contacts	2
Number of power contacts	4
PE contact	Yes
Details	Without signal contacts

Technical characteristics

Conductor cross-section	2.5 6 mm²
Rated current (power)	40 A
Rated voltage conductor-earth (Power)	400 V
Rated voltage conductor-conductor (Power)	690 V
Rated impulse voltage (power)	6 kV
Pollution degree (power)	3
Insulation resistance	>10 ¹⁰ Ω
Contact resistance	≤0.3 mΩ

Page 1 / 3 | Creation date 2023-01-27 | 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. HARTING Stiftung & Co. KG | Marienwerderstr. 3 | 32339 Espelkamp | Germany



Technical characteristics

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	be45dcda-0f90-459a-a8bc-78fb7986a295
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)

Specifications and approvals

Specifications	IEC 60664-1
	IEC 61984
Approvals	DNV GL
UL / CSA	UL 1977 ECBT2.E235076
	CSA-C22.2 No. 182.3 ECBT8.E235076

Page 2 / 3 | Creation date 2023-01-27 | 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. HARTING Stiftung & Co. KG | Marienwerderstr. 3 | 32339 Espelkamp | Germany

Product data sheet 09 12 006 2665 Han Q 4/2-M Insert AS 2,5-6mm²



Commercial data

Packaging size	10
Net weight	44.38 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140017306
eCl@ss	27440205 Contact insert for industrial connectors

Page 3 / 3 | Creation date 2023-01-27 | 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. HARTING Stiftung & Co. KG | Marienwerderstr. 3 | 32339 Espelkamp | Germany