

# Han Q 4/2-M Insert AS 2,5-6mm<sup>2</sup>

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

### Version

Termination method	Axial screw termination
Gender	Male
Size	Han-Compact <sup>®</sup>
Number of contacts	4
Additional contacts	+ 2 additional signal contacts
PE contact	Yes
Details	Without signal contacts

## **Technical characteristics**

Conductor cross-section	2.5 6 mm²
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 <sup>10</sup> Ω
Contact resistance	≤0.3 mΩ

Page 1 / 2 | Creation date 2018-09-04 | 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 Electric GmbH & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com



#### Technical characteristics

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	44.38 g
Country of origin	Germany
Customs tariff number	85366990

Page 2 / 2 | Creation date 2018-09-04 | 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 Electric GmbH & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com