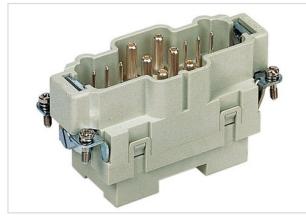


Han K 6/12 Pos. M Insert (6-10mm2)



-	
Part number	09 38 018 2602
Specification	Han K 6/12 Pos. M Insert (6-10mm2)
HARTING eCatalogue	https://b2b.harting.com/09380182602

Identification

Category	Inserts
Series	Han-Com [®]
Identification	Han [®] K 6/12

Version

Termination method	Axial screw termination / screw termination
Gender	Male
Size	16 B
Number of contacts	6
Additional contacts	+ 12 additional signal contacts
PE contact	Yes

Technical characteristics

Conductor cross-section	6 10 mm² 0.2 2.5 mm² Signal
Wire outer diameter	≤6.1 mm
Rated current	40 A
Rated voltage	690 V
Rated impulse voltage	8 kV
Pollution degree	3
Rated current (signal)	10 A
Rated voltage conductor-earth (signal)	230 V
Rated voltage conductor-conductor (signal)	400 V
Rated impulse voltage (signal)	4 kV

Page 1 / 3 | Creation date 2019-07-09 | 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

REACH SVHC substances

REACH SVHC substances

Pollution degree (signal)	3
Rated current acc. to UL	40 A
Rated voltage acc. to UL	600 V
Rated current acc. to UL (signal)	10 A
Rated voltage acc. to UL (signal)	600 V
Rated current acc. to CSA	40 A
Rated voltage acc. to CSA	300 V
Rated current acc. to CSA (signal)	10 A
Rated voltage acc. to CSA (signal)	300 V
Insulation resistance	>10 ¹⁰ Ω
Contact resistance	≤0.5 mΩ
Contact resistance, signal area	≤3 mΩ
Limiting temperature	-40 +125 °C
Stripping length	8 9 mm 7.5 mm Signal
Tightening torque	2 Nm 0.5 Nm Signal
Mating cycles	≥500
Material properties	
	Polycorbonato
Material (insert)	Polycarbonate RAL 7032 (pebble grey)
Colour (insert)	
Material (contacts) Surface (contacts)	Copper alloy 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 REACH Annex XVII substances	50 No
	No
REACH ANNEX XIV substances	No

Page 2 / 3 | Creation date 2019-07-09 | 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

Yes

Lead

Product data sheet 09 38 018 2602 Han K 6/12 Pos. M Insert (6-10mm2)



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	1
Net weight	145.7 g
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27440205 Contact insert for industrial connectors