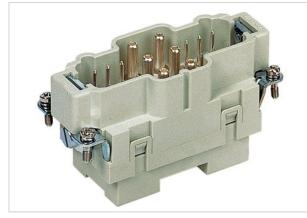


# Han K 6/12 POS. M INSERT



Part number	09 38 018 2601
Specification	Han K 6/12 POS. M INSERT
HARTING eCatalogue	https://b2b.harting.com/09380182601

## Identification

Category	Inserts
Series	Han-Com <sup>®</sup>
Identification	Han <sup>®</sup> 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	2.5 8 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 Product data sheet 09 38 018 2601 Han K 6/12 POS. M INSERT



### Technical characteristics

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 <sup>10</sup> Ω
Contact resistance	≤0.5 mΩ
Contact resistance, signal area	≤3 mΩ
Limiting temperature	-40 +125 °C
Stripping length	5 6 mm @ 2.5 mm <sup>2</sup> 5 6 mm @ 4 mm <sup>2</sup> 8 9 mm @ 6 mm <sup>2</sup> 7.5 mm Signal
Tightening torque	1.5 Nm @ 2.5 mm <sup>2</sup> 1.5 Nm @ 4 mm <sup>2</sup> 2 Nm @ 6 mm <sup>2</sup> 0.5 Nm Signal
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	6(c): 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

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 Product data sheet 09 38 018 2601 Han K 6/12 POS. M INSERT



Material properties	
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	1
Net weight	147.1 g
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27440205 Contact insert for industrial connectors