

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



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Part number	09 38 018 2702
Specification	Han K 6/12 Pos. F Insert (6-10mm2)
HARTING eCatalogue	https://b2b.harting.com/09380182702

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

Identification

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

Version

Termination method	Axial screw termination / screw termination
Gender	Female
Size	16 B
Number of contacts	18
Number of signal contacts	12
Number of power contacts	6
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

Page 1 / 3 | Creation date 2022-09-27 | 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 Electric Stiftung & 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 2702 Han K 6/12 Pos. F Insert (6-10mm2)



Technical characteristics

	00 V kV
	kV
Pollution degree (signal) 3	
Rated current acc. to UL 40	0 A
Rated voltage acc. to UL 60	00 V
Rated current acc. to UL (signal) 10	0 A
Rated voltage acc. to UL (signal) 60	00 V
Rated current acc. to CSA 40	0 A
Rated voltage acc. to CSA 30	00 V
Rated current acc. to CSA (signal) 10	0 A
Rated voltage acc. to CSA (signal) 30	00 V
Insulation resistance >1	10 ¹⁰ Ω
Contact resistance <0	:0.5 mΩ
Contact resistance, signal area	3 mΩ
Stripping length	9 mm .5 mm Signal
Tightening torque	Nm .5 Nm Signal
Limiting temperature -4	40 +125 °C
Mating cycles ≥5	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

Page 2 / 3 | Creation date 2022-09-27 | 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 Electric Stiftung & 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 2702 Han K 6/12 Pos. F Insert (6-10mm2)



Material properties

GTIN

eCl@ss

REACH SVHC substances	Lead
ECHA SCIP number	5dbb3851-b94e-4e88-97a1-571845975242
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead Nickel
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
Commercial data	
Packaging size	1
Net weight	149.2 g
Country of origin	Romania
European customs tariff number	85366990

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27440205 Contact insert for industrial connectors

Page 3 / 3 | Creation date 2022-09-27 | 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 Electric Stiftung & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com