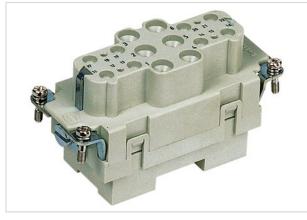


Han K 6/12 Pos. F Insert (6-10mm2)



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

Version

Termination method	Axial screw termination / screw termination
Gender	Female
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
Electrical data acc. to IEC 61984	40 A 690 V 8 kV 3
Rated current	40 A
Rated voltage	690 V
Rated impulse voltage	8 kV
Pollution degree	3
Electrical data, signal	10 A 230/400 V 4 kV 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
Pollution degree (signal)	3
Rated current acc. to UL	40 A
Rated voltage acc. to UL	600 V

Page 1 / 3 | 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

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

Material (insert)PolycarbonateColour (insert)RAL 7032 (pebble grey)Material (contacts)Copper alloySurface (contacts)Silver platedMaterial flammability class acc. to UL 94V-0RoHScompliant with exemptionRoHS exemptions6c: Copper alloy containing up to 4 % lead by weightELV statuscompliant with exemptionChina RoHS50REACH ANNEX XIV substancesNoREACH ANNEX XIV substancesYesREACH SVHC substancesLead		
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Material flammability class acc. to UL 94V-0RoHScompliant with exemptionRoHS exemptions6c: Copper alloy containing up to 4 % lead by weightELV statuscompliant with exemptionChina RoHS50REACH Annex XVII substancesNoREACH ANNEX XIV substancesNoREACH SVHC substancesYes	Material (contacts)	Copper alloy
RoHScompliant with exemptionRoHS exemptions6c: Copper alloy containing up to 4 % lead by weightELV statuscompliant with exemptionChina RoHS50REACH Annex XVII substancesNoREACH ANNEX XIV substancesNoREACH SVHC substancesYes	Surface (contacts)	Silver plated
RoHS exemptions6c: Copper alloy containing up to 4 % lead by weightELV statuscompliant with exemptionChina RoHS50REACH Annex XVII substancesNoREACH ANNEX XIV substancesNoREACH SVHC substancesYes	Material flammability class acc. to UL 94	V-0
ELV statuscompliant with exemptionChina RoHS50REACH Annex XVII substancesNoREACH ANNEX XIV substancesNoREACH SVHC substancesYes	RoHS	compliant with exemption
China RoHS50REACH Annex XVII substancesNoREACH ANNEX XIV substancesNoREACH SVHC substancesYes	RoHS exemptions	6c: Copper alloy containing up to 4 % lead by weight
REACH Annex XVII substances No REACH ANNEX XIV substances No REACH SVHC substances Yes	ELV status	compliant with exemption
REACH ANNEX XIV substances No REACH SVHC substances Yes	China RoHS	50
REACH SVHC substances Yes	REACH Annex XVII substances	No
	REACH ANNEX XIV substances	No
REACH SVHC substances Lead	REACH SVHC substances	Yes
	REACH SVHC substances	Lead

Specifications and approvals

Specifications	EN 60664-1 IEC 61984
Approvals	DNV GL

Page 2 / 3 | 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 Product data sheet 09 38 018 2702 Han K 6/12 Pos. F Insert (6-10mm2)



Specifications and approvals

UL / CSA	UL 1977 ECBT2.E235076
	CSA-C22.2 No. 182.3 ECBT8.E235076
Commercial data	
Packaging size	1
Net weight	149.2 g
Country of origin	Germany
Customs tariff number	85366990

Page 3 / 3 | 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