

# 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 <sup>®</sup>

#### 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

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#### **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 <sup>10</sup> 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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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

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## 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

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