

Han K 6/6 Pos. F Insert Combi with crimp



Part number	09 38 012 2751
Specification	Han K 6/6 Pos. F Insert Combi with crimp
HARTING eCatalogue	https://b2b.harting.com/09380122751
Identification	
Category	Inserts
Series	Han-Com [®]
Identification	Han [®] K 6/6

Version

Termination method	Axial screw termination / screw termination
Gender	Female
Size	24 B
Number of contacts	6
Additional contacts	+ 6 additional signal contacts
PE contact	Yes

Technical characteristics

Conductor cross-section	16 35 mm² 0.2 2.5 mm² Signal
Wire outer diameter	≤11.4 mm
Electrical data acc. to IEC 61984	100 A 690 V 8 kV 3
Rated current	100 A
Rated voltage	690 V
Rated impulse voltage	8 kV
Pollution degree	3
Electrical data, signal	16 A 400 V 6 kV 3
Rated current (signal)	16 A
Rated voltage (signal)	400 V
Rated impulse voltage (signal)	6 kV
Pollution degree (signal)	3
Rated current acc. to UL	100 A
Rated voltage acc. to UL	600 V
Rated current acc. to UL (signal)	16 A

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 voltage acc. to UL (signal) 300 V Rated current acc. to CSA 100 A Rated voltage acc. to CSA 600 V Rated current acc. to CSA (signal) 15 A Rated voltage acc. to CSA (signal) 600 V ≥10¹⁰ Ω Insulation resistance Contact resistance ≤0.5 mΩ Contact resistance, signal area ≤3 mΩ Limiting temperature -40 ... +125 °C 13 ... 14 mm Stripping length 7.5 mm Signal 6 Nm @ 10 mm² 7 Nm @ 25 mm² **Tightening torque** 8 Nm @ 35 mm² 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 6a: Lead as an alloying element in steel for machining purposes and in galvanised **RoHS** exemptions steel containing up to 0,35 % lead by weight 6c: 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 **REACH SVHC substances** Yes **REACH SVHC substances** Lead Specifications and approvals

Specifications EN 60664-1

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



Specifications and approvals

	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	298 g
Country of origin	Germany
Customs tariff number	85366990