

Han K 6/6 Pos. M Insert



Part number	09 38 012 2651
Specification	Han K 6/6 Pos. M Insert
HARTING eCatalogue	https://b2b.harting.com/09380122651
Identification	
Category	Inserts
Series	Han-Com [®]
Identification	Han [®] K 6/6

Version

Termination method	Axial screw termination / screw termination
Gender	Male
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

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Technical characteristics

Rated current acc. to CSA 1 Rated voltage acc. to CSA 6 Rated current acc. to CSA (signal) 1 Rated voltage acc. to CSA (signal) 6 Insulation resistance ≥ Contact resistance ≤ Contact resistance, signal area ≤ Limiting temperature -4 Stripping length 1	300 V 100 A 500 V 15 A 500 V ≥10 ¹⁰ Ω ≤0.5 mΩ ≤3 mΩ
Rated voltage acc. to CSA 6 Rated current acc. to CSA (signal) 1 Rated voltage acc. to CSA (signal) 6 Insulation resistance ≥ Contact resistance ≤ Contact resistance, signal area ≤ Limiting temperature -4 Stripping length 1	500 V 15 A 500 V ≥10 ¹⁰ Ω ≤0.5 mΩ ≤3 mΩ
Rated current acc. to CSA (signal) 1 Rated voltage acc. to CSA (signal) 6 Insulation resistance ≥ Contact resistance ≤ Contact resistance, signal area ≤ Limiting temperature -4 Stripping length 1	15 A 600 V ≥10 ¹⁰ Ω ≤0.5 mΩ ≤3 mΩ
Rated voltage acc. to CSA (signal) 6 Insulation resistance ≥ Contact resistance ≤ Contact resistance, signal area ≤ Limiting temperature -4 Stripping length 1	500 ∨ ≥10 ¹⁰ Ω ≤0.5 mΩ ≤3 mΩ
Insulation resistance ≥ Contact resistance ≤ Contact resistance, signal area ≤ Limiting temperature -4 Stripping length 1	≥10 ¹⁰ Ω ≤0.5 mΩ ≤3 mΩ
Contact resistance ≤ Contact resistance, signal area ≤ Limiting temperature -4 Stripping length 1	≤0.5 mΩ ≤3 mΩ
Contact resistance, signal area Limiting temperature -4 Stripping length 1	≤3 mΩ
Limiting temperature -4	
Stripping length	40 +125 °C
Stripping length	
	I3 14 mm 7.5 mm Signal
Tightening torque78	5 Nm @ 10 mm² 7 Nm @ 25 mm² 3 Nm @ 35 mm² 0.5 Nm Signal
Mating cycles ≥	≥500
Material properties Material (insert) P	Polycarbonate
	RAL 7032 (pebble grey)
	Copper alloy
	Silver plated
	/-0
RoHS ca	compliant with exemption
RoHS exemptions st	Sa: Lead as an alloying element in steel for machining purposes and in galvanised steel containing up to 0,35 % lead by weight Sc: Copper alloy containing up to 4 % lead by weight
ELV status co	compliant with exemption
China RoHS 5	50
REACH Annex XVII substances N	No
REACH ANNEX XIV substances	No
REACH SVHC substances Y	/es
REACH SVHC substances	Lead
Specifications and approvals	
Specifications E	EN 60664-1

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Specifications and approvals

	IEC 61984	
Approvals	DNV GL	
UL / CSA	UL 1977 ECBT2.E235076 CSA-C22.2 No. 182.3 ECBT8.E235076	
Commercial data		

Commercial data

Packaging size	1
Net weight	281 g
Country of origin	Germany
Customs tariff number	85366990