

Han K 4/2 Pin Female Insert



Part number	09 38 006 2701
Specification	Han K 4/2 Pin Female Insert
HARTING eCatalogue	https://b2b.harting.com/09380062701
Identification	
Identification	
Category	Inserts
Series	Han-Com [®]
Identification	Han [®] K 4/2

Version

Termination method	Screw termination
Gender	Female
Size	16 B
Number of contacts	4
Additional contacts	+ 2 additional signal contacts
PE contact	Yes

Technical characteristics

Conductor cross-section	1.5 16 mm² 0.5 2.5 mm² Signal
Rated current	80 A
Rated voltage	830 V
Rated impulse voltage	8 kV
Pollution degree	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	80 A
Rated voltage acc. to UL	600 V
Rated current acc. to UL (signal)	16 A
Rated voltage acc. to UL (signal)	600 V
Rated current acc. to CSA	80 A
Rated voltage acc. to CSA	300 V

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Technical characteristics

Rated current acc. to CSA (signal)	16 A
Rated voltage acc. to CSA (signal)	300 V
Insulation resistance	≥10 ¹⁰ Ω
Contact resistance	≤0.3 mΩ
Contact resistance, signal area	≤1 mΩ
Limiting temperature	-40 +125 °C
Stripping length	14 mm 7.5 mm Signal
Tightening torque	1.2 Nm @ 1.5 mm ² 2 Nm @ 2.5 mm ² 3 Nm @ 4 mm ² 3 Nm @ 6 mm ² 3 Nm @ 10 mm ² 3 Nm @ 16 mm ² 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
RoHS exemptions	6a: Lead as an alloying element in steel for machining purposes and in galvanised 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

Specifications and approvals

REACH SVHC substances

Specifications	EN 60664-1
	IEC 61984

Lead

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Specifications and approvals

Approvals	DNV GL
UL / CSA	UL 1977 ECBT2.E235076 CSA-C22.2 No. 182.3 ECBT8.E235076
Commercial data	
Packaging size	1
Net weight	118.4 g
Country of origin	Romania
European customs tariff number	85366990

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