

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	
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
Electrical data acc. to IEC 61984	80 A 830 V 8 kV 3
Rated current	80 A
Rated voltage	830 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	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

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Technical characteristics

Rated current acc. to CSA	80 A
Rated voltage acc. to CSA	300 V
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 mm² 2 Nm @ 2.5 mm² 3 Nm @ 4 mm² 3 Nm @ 6 mm² 3 Nm @ 10 mm² 3 Nm @ 16 mm² 0.5 Nm Signal
Mating cycles	≥500
5.7	
Material properties	
	Polycarbonate
Material properties	Polycarbonate RAL 7032 (pebble grey)
Material properties Material (insert)	
Material properties Material (insert) Colour (insert)	RAL 7032 (pebble grey)
Material properties Material (insert) Colour (insert) Material (contacts)	RAL 7032 (pebble grey) Copper alloy
Material properties Material (insert) Colour (insert) Material (contacts) Surface (contacts)	RAL 7032 (pebble grey) Copper alloy Silver plated
Material properties Material (insert) Colour (insert) Material (contacts) Surface (contacts) Material flammability class acc. to UL 94	RAL 7032 (pebble grey) Copper alloy Silver plated V-0
Material properties Material (insert) Colour (insert) Material (contacts) Surface (contacts) Material flammability class acc. to UL 94 RoHS	RAL 7032 (pebble grey) Copper alloy Silver plated V-0 compliant with exemption 6a: Lead as an alloying element in steel for machining purposes and in galvanised steel containing up to 0,35 % lead by weight
Material properties Material (insert) Colour (insert) Material (contacts) Surface (contacts) Material flammability class acc. to UL 94 RoHS RoHS exemptions	RAL 7032 (pebble grey) Copper alloy Silver plated V-0 compliant with exemption 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
Material propertiesMaterial (insert)Colour (insert)Material (contacts)Surface (contacts)Material flammability class acc. to UL 94RoHSRoHS exemptionsELV status	RAL 7032 (pebble grey) Copper alloy Silver plated V-0 compliant with exemption 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 compliant with exemption
Material propertiesMaterial (insert)Colour (insert)Material (contacts)Surface (contacts)Material flammability class acc. to UL 94RoHSRoHS exemptionsELV statusChina RoHS	RAL 7032 (pebble grey) Copper alloy Silver plated V-0 compliant with exemption 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 compliant with exemption 50
Material propertiesMaterial (insert)Colour (insert)Material (contacts)Material (contacts)Surface (contacts)Material flammability class acc. to UL 94RoHSRoHS exemptionsELV statusChina RoHSREACH Annex XVII substances	RAL 7032 (pebble grey) Copper alloy Silver plated V-0 compliant with exemption 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 50 No

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Specifications and approvals

Specifications	EN 60664-1 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	118.4 g
Country of origin	Romania
Customs tariff number	85366990

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