

Han K 4/2 Pin Male Insert



Part number	09 38 006 2601
Specification	Han K 4/2 Pin Male Insert
HARTING eCatalogue	https://b2b.harting.com/09380062601

Image is for illustration purposes only. Please refer to product description.

Identification

Category	Inserts
Series	Han-Com [®]
Identification	Han [®] K 4/2

Version

Termination method	Screw termination
Gender	Male
Size	16 B
Number of contacts	4
further 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

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Technical characteristics

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
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
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
Limiting temperature	-40 +125 °C
Mating cycles	≥500

Material properties

Material (insert)	Polycarbonate (PC)
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	6(c): 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

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Material properties

REACH SVHC substances	Lead
ECHA SCIP number	5dbb3851-b94e-4e88-97a1-571845975242
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead
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	116 g
Country of origin	Romania
European customs tariff number	85366990
eCl@ss	27440205 Contact insert for industrial connectors