

Han K 3/2 Pos. Female Insert Screw



Part number	09 38 005 2701
Specification	Han K 3/2 Pos. Female Insert Screw
HARTING eCatalogue	https://b2b.harting.com/09380052701
Identification	
Category	Inserts
Series	Han-Com [®]
Identification	Han [®] K 3/2
Specification	Straight

Version

Termination method	Axial screw termination / screw termination
Gender	Female
Size	24 B
Number of contacts	3
Additional contacts	+ 2 additional signal contacts
PE contact	Yes

Technical characteristics

Conductor cross-section	35 70 mm² 0.5 2.5 mm² Signal 16 35 mm² PE
Rated current	200 A
Rated voltage conductor-earth	1,150 V
Rated voltage conductor-conductor	2,000 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	200 A
Rated voltage acc. to UL	600 V
Rated current acc. to UL (signal)	16 A

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Technical characteristics

Rated voltage acc. to UL (signal)	600 V
Rated current acc. to CSA	160 A
Rated voltage acc. to CSA	600 V
Rated current acc. to CSA (signal)	16 A
Rated voltage acc. to CSA (signal)	600 V
Insulation resistance	≥10 ¹⁰ Ω
Contact resistance	≤0.2 mΩ
Contact resistance, signal area	≤1 mΩ
Limiting temperature	-40 +125 °C
Stripping length	22 mm 7 mm Signal contacts 14 mm PE contact
Tightening torque	8 Nm @ 35 mm² 9 Nm @ 50 mm² 10 Nm @ 70 mm² 0.5 Nm Signal contacts 6 Nm PE contact
Mating cycles	≥500
Material properties	
Material properties Material (insert)	Polycarbonate
	Polycarbonate RAL 7032 (pebble grey)
Material (insert)	
Material (insert) Colour (insert)	RAL 7032 (pebble grey)
Material (insert) Colour (insert) Material (contacts)	RAL 7032 (pebble grey) Copper alloy
Material (insert) Colour (insert) Material (contacts) Surface (contacts)	RAL 7032 (pebble grey) Copper alloy Silver plated
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 (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 (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 (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 compliant with exemption
Material (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 (insert)Colour (insert)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 compliant with exemption 50 No
Material (insert) Colour (insert) Material (contacts) Surface (contacts) Material flammability class acc. to UL 94 RoHS RoHS exemptions ELV status China RoHS REACH Annex XVII substances REACH ANNEX XIV 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 compliant with exemption 50 No 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	280 g

Net weight	200 g
Country of origin	Germany
European customs tariff number	85366990

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