

## Han K 4/0 Pin Female Insert



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

Part number	09 38 006 2711
Specification	Han K 4/0 Pin Female Insert
HARTING eCatalogue	<a href="https://b2b.harting.com/09380062711">https://b2b.harting.com/09380062711</a>

### Identification

Category	Inserts
Series	Han-Com <sup>®</sup>
Identification	Han <sup>®</sup> K 4/0

### Version

Termination method	Screw termination
Gender	Female
Size	16 B
Number of contacts	4
PE contact	Yes

### Technical characteristics

Conductor cross-section	1.5 ... 16 mm <sup>2</sup>
Rated current	80 A
Rated voltage	830 V
Rated impulse voltage	8 kV
Pollution degree	3
Rated current acc. to UL	80 A
Rated voltage acc. to UL	600 V
Rated current acc. to CSA	80 A
Rated voltage acc. to CSA	300 V
Insulation resistance	>10 <sup>10</sup> Ω
Contact resistance	≤0.3 mΩ



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## Technical characteristics

Stripping length	14 mm
Tightening torque	1.2 Nm @ 1.5 mm <sup>2</sup>
	2 Nm @ 2.5 mm <sup>2</sup>
	3 Nm @ 4 mm <sup>2</sup>
	3 Nm @ 6 mm <sup>2</sup>
	3 Nm @ 10 mm <sup>2</sup>
	3 Nm @ 16 mm <sup>2</sup>
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(a) / 6(a)-I: Lead as an alloying element in steel for machining purposes and in galvanised steel containing up to 0,35 % lead by weight / Lead as an alloying element in steel for machining purposes containing up to 0,35 % lead by weight and in batch hot dip galvanised steel components containing up to 0,2 % lead by weight
	6(c): Copper alloy containing up to 4 % lead by weight
ELV status	compliant with exemption
China RoHS	50
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Yes
REACH SVHC substances	Lead
ECHA SCIP number	5dbb3851-b94e-4e88-97a1-571845975242
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead Nickel
Fire protection on railway vehicles	EN 45545-2 (2020-08)
Requirement set with Hazard Levels	R22 (HL 1-3)
	R23 (HL 1-3)



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## Specifications and approvals

Specifications	IEC 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	111.57 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140056251
eCl@ss	27440205 Contact insert for industrial connectors