

# Han K4/4-F 6-16mm<sup>2</sup> Finger prot



Part number	09 38 008 2701
Specification	Han K4/4-F 6-16mm <sup>2</sup> Finger prot
HARTING eCatalogue	https://b2b.harting.com/09380082701
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Identification	
Category	Inserts
Series	Han-Com <sup>®</sup>
Identification	Han <sup>®</sup> K 4/4

### Version

Termination method	Axial screw termination / cage-clamp termination
Gender	Female
Size	10 B
Number of contacts	4
Additional contacts	+ 4 additional signal contacts
PE contact	Yes
Details	Finger safe

### **Technical characteristics**

Conductor cross-section	6 16 mm² 0.14 2.5 mm² Signal
Wire outer diameter	≤8.9 mm
Electrical data acc. to IEC 61984	63 A 690 V 8 kV 3
Rated current	63 A
Rated voltage	690 V
Rated impulse voltage	8 kV
Pollution degree	3
Electrical data, signal	16 A 250 V 4 kV 3
Rated current (signal)	16 A
Rated voltage (signal)	250 V
Rated impulse voltage (signal)	4 kV
Pollution degree (signal)	3
Rated current acc. to UL	63 A
Rated voltage acc. to UL	600 V

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## Technical characteristics Rated current acc. to UL (signal) Rated voltage acc. to UL (signal)

Rated voltage acc. to UL (signal)	230 V
Rated current acc. to CSA	63 A
Rated voltage acc. to CSA	600 V
Rated current acc. to CSA (signal)	16 A
Rated voltage acc. to CSA (signal)	230 V
Insulation resistance	≥10 <sup>10</sup> Ω
Contact resistance	≤0.5 mΩ
Contact resistance, signal area	≤3 mΩ
Limiting temperature	-40 +125 °C
Stripping length	11 12 mm 7 9 mm Signal
Tightening torque	2 Nm @ 6 mm² 3 Nm @ 10 mm² 4 Nm @ 16 mm²
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	<ul><li>6a: Lead as an alloying element in steel for machining purposes and in galvanised steel containing up to 0,35 % lead by weight</li><li>6c: Copper alloy containing up to 4 % lead by weight</li></ul>
ELV status	compliant with exemption
China RoHS	50
REACH Annex XVII substances	No
REACH ANNEX XIV substances	No
REACH SVHC substances	Yes
REACH SVHC substances	Lead
Specifications and approvals	

16 A

#### Specifications and approvals

Specifications

EN 60664-1

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### Specifications and approvals

	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	113.6 g
Country of origin	Germany
Customs tariff number	85366990