

## Han K4/4-M 6-16mm<sup>2</sup>



Part number	09 38 008 2611
Specification	Han K4/4-M 6-16mm <sup>2</sup>
HARTING eCatalogue	<a href="https://b2b.harting.com/09380082611">https://b2b.harting.com/09380082611</a>

### 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	Male
Size	10 B
Number of contacts	4
Additional contacts	+ 4 additional signal contacts
PE contact	Yes
Details	Not finger safe

### Technical characteristics

Conductor cross-section	6 ... 16 mm <sup>2</sup> 0.14 ... 2.5 mm <sup>2</sup> Signal
Wire outer diameter	≤8.9 mm
Rated current	63 A
Rated voltage	690 V
Rated impulse voltage	8 kV
Pollution degree	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
Rated current acc. to UL (signal)	16 A
Rated voltage acc. to UL (signal)	230 V



Pushing Performance

## Technical characteristics

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	$\geq 10^{10} \Omega$
Contact resistance	$\leq 0.5 \text{ m}\Omega$
Contact resistance, signal area	$\leq 3 \text{ m}\Omega$
Limiting temperature	-40 ... +125 °C
Stripping length	11 ... 12 mm
	7 ... 9 mm Signal
Tightening torque	2 Nm @ 6 mm <sup>2</sup>
	3 Nm @ 10 mm <sup>2</sup>
	4 Nm @ 16 mm <sup>2</sup>
Mating cycles	$\geq 500$

## 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	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
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

Specifications	EN 60664-1
	IEC 61984
Approvals	DNV GL



Pushing Performance

## Specifications and approvals

UL / CSA	UL 1977 ECBT2.E235076 CSA-C22.2 No. 182.3 ECBT8.E235076
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## Commercial data

Packaging size	1
Net weight	122.4 g
Country of origin	Germany
European customs tariff number	85366990