

## Han K4/4-F 10-22mm<sup>2</sup> berührsicher



Part number	09 38 008 2702
Specification	Han K4/4-F 10-22mm <sup>2</sup> berührsicher
HARTING eCatalogue	<a href="https://b2b.harting.com/09380082702">https://b2b.harting.com/09380082702</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	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	10 ... 22 mm <sup>2</sup> 0.14 ... 2.5 mm <sup>2</sup> Signal
Wire outer diameter	≤8.9 mm ≤11 mm @ 22 mm <sup>2</sup>
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



Pushing Performance

## Technical characteristics

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
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
	13 ... 14 mm @ 22 mm <sup>2</sup>
	7 ... 9 mm Signal
Tightening torque	3 Nm @ 10 mm <sup>2</sup>
	4 Nm @ 16 mm <sup>2</sup>
	4 Nm @ 22 mm <sup>2</sup>
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	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



Pushing Performance

## Material properties

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

## Commercial data

Packaging size	1
Net weight	114.8 g
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27440205 Contact insert for industrial connectors