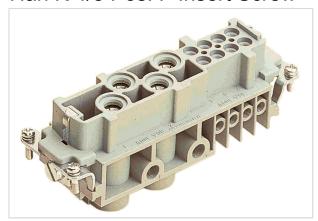


# Han K 4/8 Pos. F Insert Screw



Part number	09 38 012 2701
Specification	Han K 4/8 Pos. F Insert Screw
HARTING eCatalogue	https://b2b.harting.com/09380122701

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

### Identification

Category	Inserts
Series	Han-Com <sup>®</sup>
Identification	Han <sup>®</sup> K 4/8

#### Version

Termination method	Screw termination
Gender	Female
Size	24 B
Number of contacts	4
further contacts	+ 8 additional signal contacts
PE contact	Yes

## Technical characteristics

1.5 16 mm² 0.5 2.5 mm² Signal
80 A
400 V
6 kV
3
16 A
400 V
6 kV
3



### Technical characteristics

Rated current acc. to UL	80 A
Rated voltage acc. to UL	600 V
Rated current acc. to UL (signal)	16 A
Rated voltage acc. to UL (signal)	600 V
Rated current acc. to CSA	80 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 <sup>10</sup> Ω
Contact resistance	≤0.3 mΩ
Contact resistance, signal area	≤1 mΩ
Stripping length	14 mm 7.5 mm Signal
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> 0.5 Nm Signal
Limiting temperature	-40 +125 °C
Mating cycles	≥500

## Material properties

Material (insert)	Polyamide (PA)
Colour (insert)	RAL 7032 (pebble grey)
Material (contacts)	Copper alloy
Surface (contacts)	Silver plated
Material flammability class acc. to UL 94	НВ
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



## Material properties

REACH Annex XVII substances	No
REACH ANNEX XIV substances	No
REACH SVHC substances	Yes
REACH SVHC substances	Lead
ECHA SCIP number	5dbb3851-b94e-4e88-97a1-571845975242

## 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	147 g
Country of origin	Romania
European customs tariff number	85366990
eCl@ss	27440205 Contact insert for industrial connectors