



Pushing Performance
Since 1945

Han K4/4-F 6-16mm² Finger prot



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

Part number	09 38 008 2701
Specification	Han K4/4-F 6-16mm² Finger prot
HARTING eCatalogue	https://harting.com/09380082701

Identification

Category	Inserts
Series	Han-Com®
Identification	Han® K 4/4

Version

Termination method	Axial screw termination / cage-clamp termination
Gender	Female
Size	10 B
Number of contacts	8
Number of signal contacts	4
Number of power contacts	4
PE contact	Yes
Details	Finger safe

Technical characteristics

Conductor cross-section (mm²)	6 ... 16 mm² Power 0.14 ... 2.5 mm² Signal
Wire outer diameter	≤8.9 mm
Rated current (signal)	16 A
Rated voltage (signal)	250 V
Rated impulse voltage (signal)	4 kV
Pollution degree (signal)	3
Rated current (power)	63 A



Pushing Performance
Since 1945

Technical characteristics

Rated voltage (power)	690 V
Rated impulse voltage (power)	8 kV
Pollution degree (power)	3
Rated current acc. to UL (signal)	16 A
Rated voltage acc. to UL (signal)	230 V
Rated current acc. to UL (Power)	63 A
Rated voltage acc. to UL (Power)	600 V
Rated current acc. to CSA (signal)	16 A
Rated voltage acc. to CSA (signal)	230 V
Rated current acc. to CSA (Power)	63 A
Rated voltage acc. to CSA (Power)	600 V
Insulation resistance	$>10^{10} \Omega$
Contact resistance	$\leq 0.5 \text{ m}\Omega$
Contact resistance, signal area	$\leq 3 \text{ m}\Omega$
Stripping length	11 ... 12 mm 7 ... 9 mm Signal
Tightening torque	2 Nm @ 6 mm² 3 Nm @ 10 mm² 4 Nm @ 16 mm²
Recommended screw driver	Slotted 0.8 x 4.5 PH2
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(c): Copper alloy containing up to 4 % lead by weight
ELV status	compliant with exemption
China RoHS	50
REACH Annex XVII substances	Not contained



Pushing Performance
Since 1945

Material properties

REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Yes
REACH SVHC substances	Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate Lead
ECHA SCIP number	1e38d35d-d1be-4585-8e03-95faccd739bf
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead Nickel
Fire protection on railway vehicles	EN 45545-2 (2020-08) + A1 (2023-10)
Requirement set with Hazard Levels	R22 (HL 1-3) R23 (HL 1-3)

Specifications and approvals

Specifications	IEC 60664-1 IEC 61984
UL / CSA	UL 1977 ECBT2.E235076 CSA-C22.2 No. 182.3 ECBT8.E235076
Approvals	DNV GL

Commercial data

Packaging size	1
Net weight	40 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140056312
eCl@ss	27440205 Contact insert for industrial connectors
ETIM	EC000438
UNSPSC 24.0	39121522