Pushing Performance
Since 1945

Han K 4/8 Pos. M Insert Screw

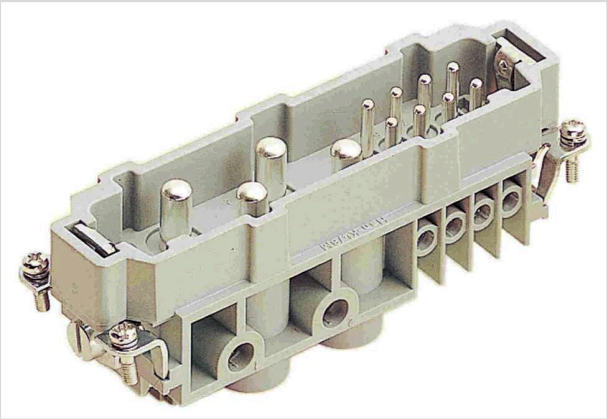


Image is for illustration purposes only. Please refer to product description.

Part number	09 38 012 2601
Specification	Han K 4/8 Pos. M Insert Screw
HARTING eCatalogue	https://harting.com/09380122601

Identification

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

Version

Termination method	Screw termination
Gender	Male
Size	24 B
Number of contacts	12
Number of signal contacts	8
Number of power contacts	4
PE contact	Yes

Technical characteristics

Conductor cross-section (mm²)	1.5 ... 16 mm² Power 0.5 ... 2.5 mm² Signal
Rated current (signal)	16 A
Rated voltage (signal)	400 V
Rated impulse voltage (signal)	6 kV
Pollution degree (signal)	3
Rated current (power)	80 A
Rated voltage (power)	400 V
Rated impulse voltage (power)	6 kV

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Technical characteristics

Pollution degree (power)	3
Rated current acc. to UL (signal)	16 A
Rated voltage acc. to UL (signal)	600 V
Rated current acc. to UL (Power)	80 A
Rated voltage acc. to UL (Power)	600 V
Rated current acc. to CSA (signal)	16 A
Rated voltage acc. to CSA (signal)	600 V
Rated current acc. to CSA (Power)	80 A
Rated voltage acc. to CSA (Power)	600 V
Insulation resistance	$>10^{10}$ 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 mm² 2 Nm @ 2.5 mm² 3 Nm @ 4 mm² 3 Nm @ 6 mm² 3 Nm @ 10 mm² 3 Nm @ 16 mm² 0.5 Nm Signal 0.5 Nm Fixing screws M3 3 Nm Contact screw M6 2 Nm PE screw M5
Recommended screw driver	Slotted 0.6 x 3.5 Slotted 0.8 x 4.5 PH2
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	HB
RoHS	compliant with exemption
RoHS exemptions	6(c): Copper alloy containing up to 4 % lead by weight

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Material properties

ELV status	compliant with exemption
China RoHS	50
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Yes
REACH SVHC substances	Lead
ECHA SCIP number	5dbb3851-b94e-4e88-97a1-571845975242
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead Nickel

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	100 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140056343
eCl@ss	27440205 Contact insert for industrial connectors
ETIM	EC000438
UNSPSC 24.0	39121522

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