Pushing Performance

Han K 4/8 Pos. M Insert Screw

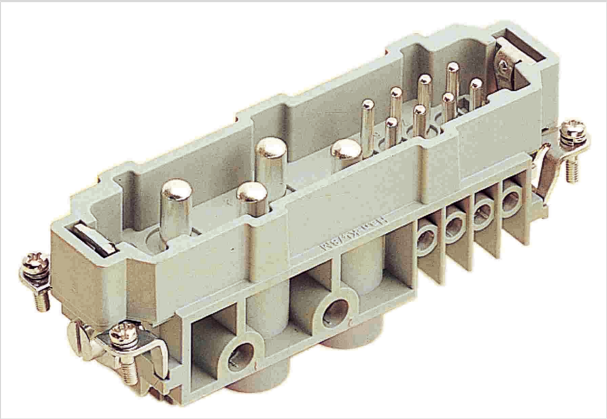

Image is for illustration purposes only. Please refer to product description.

Part number	09 38 012 2601
Specification	Han K 4/8 Pos. M Insert Screw
HARTING eCatalogue	https://b2b.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	4
Additional contacts	+ 8 additional signal contacts
PE contact	Yes

Technical characteristics

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

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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	$>10^{10}$ Ω
Contact resistance	≤0.3 mΩ
Contact resistance, signal area	≤1 mΩ
Limiting temperature	-40 ... +125 °C
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
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(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

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

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