

## Han K 3/2 Pos. Male Insert Screw Term. A



Part number	09 38 005 2602
Specification	Han K 3/2 Pos. Male Insert Screw Term. A
HARTING eCatalogue	<a href="https://b2b.harting.com/09380052602">https://b2b.harting.com/09380052602</a>

### Identification

Category	Inserts
Series	Han-Com <sup>®</sup>
Identification	Han <sup>®</sup> K 3/2
Specification	Angled

### Version

Termination method	Axial screw termination / screw termination
Gender	Male
Size	24 B
Number of contacts	3
Additional contacts	+ 2 additional signal contacts
PE contact	Yes

### Technical characteristics

Conductor cross-section	35 ... 70 mm <sup>2</sup> 0.5 ... 2.5 mm <sup>2</sup> Signal 16 ... 35 mm <sup>2</sup> PE
Rated current	200 A
Rated voltage conductor-earth	1,150 V
Rated voltage conductor-conductor	2,000 V
Rated impulse voltage	8 kV
Pollution degree	3
Rated current (signal)	16 A
Rated voltage (signal)	400 V



Pushing Performance

## Technical characteristics

Rated impulse voltage (signal)	6 kV
Pollution degree (signal)	3
Rated current acc. to UL	200 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	160 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	$>10^{10} \Omega$
Contact resistance	$\leq 0.2 \text{ m}\Omega$
Contact resistance, signal area	$\leq 1 \text{ m}\Omega$
Limiting temperature	-40 ... +125 °C
Stripping length	22 mm
	7 mm Signal contacts
	14 mm PE contact
Tightening torque	8 Nm @ 35 mm <sup>2</sup>
	9 Nm @ 50 mm <sup>2</sup>
	10 Nm @ 70 mm <sup>2</sup>
	0.5 Nm Signal contacts
	6 Nm PE contact
Mating cycles	$\geq 500$

## 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



Pushing Performance

## Material properties

China RoHS	50
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	441 g
Country of origin	Germany
European customs tariff number	85366990
eCl@ss	27440205 Contact insert for industrial connectors