

Han K 3/2 Pos. Male Insert Screw



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|--------------------|---|
| Part number | 09 38 005 2601 |
| Specification | Han K 3/2 Pos. Male Insert Screw |
| HARTING eCatalogue | https://b2b.harting.com/09380052601 |

Identification

| | |
|----------------|------------|
| Category | Inserts |
| Series | Han-Com® |
| Identification | Han® K 3/2 |
| Specification | Straight |

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 mm² |
| | 0.5 ... 2.5 mm² Signal |
| | 16 ... 35 mm² 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 |
| 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 |



Pushing Performance

Technical characteristics

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|------------------------------------|----------------------------|
| 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 | $\geq 10^{10} \Omega$ |
| 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 ² |
| | 9 Nm @ 50 mm ² |
| | 10 Nm @ 70 mm ² |
| | 0.5 Nm Signal contacts |
| | 6 Nm PE contact |
| Mating cycles | ≥ 500 |

Material properties

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|---|--|
| 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 | 6a: Lead as an alloying element in steel for machining purposes and in galvanised steel containing up to 0,35 % lead by weight |
| | 6c: Copper alloy containing up to 4 % lead by weight |
| ELV status | compliant with exemption |
| China RoHS | 50 |
| REACH Annex XVII substances | No |
| REACH ANNEX XIV substances | No |
| REACH SVHC substances | Yes |
| REACH SVHC substances | Lead |



Pushing Performance

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

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|--------------------------------|----------|
| Packaging size | 1 |
| Net weight | 338.6 g |
| Country of origin | Germany |
| European customs tariff number | 85366990 |