

Han K 4/0 Pin Female Insert



| Part number | 09 38 006 2711 |
|--------------------|-------------------------------------|
| Specification | Han K 4/0 Pin Female Insert |
| HARTING eCatalogue | https://b2b.harting.com/09380062711 |

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

Identification

| Category | Inserts |
|----------------|------------------------|
| Series | Han-Com [®] |
| Identification | Han [®] K 4/0 |

Version

| Termination method | Screw termination |
|--------------------|-------------------|
| Gender | Female |
| Size | 16 B |
| Number of contacts | 4 |
| PE contact | Yes |

Technical characteristics

| Conductor cross-section | 1.5 16 mm² |
|---------------------------|---------------------|
| Rated current | 80 A |
| Rated voltage | 830 V |
| Rated impulse voltage | 8 kV |
| Pollution degree | 3 |
| Rated current acc. to UL | 80 A |
| Rated voltage acc. to UL | 600 V |
| Rated current acc. to CSA | 80 A |
| Rated voltage acc. to CSA | 300 V |
| Insulation resistance | >10 ¹⁰ Ω |
| Contact resistance | ≤0.3 mΩ |

Page 1 / 3 | Creation date 2024-05-10 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electric Stiftung & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com



Technical characteristics

| Stripping length | 14 mm |
|---|--|
| Tightening torque | 1.2 Nm @ 1.5 mm ² 2 Nm @ 2.5 mm ² 3 Nm @ 4 mm ² 3 Nm @ 6 mm ² 3 Nm @ 10 mm ² 3 Nm @ 16 mm ² |
| 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 |
| 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 |
| Fire protection on railway vehicles | EN 45545-2 (2020-08) |
| 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 |

Page 2 / 3 | Creation date 2024-05-10 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electric Stiftung & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com Product data sheet 09 38 006 2711 Han K 4/0 Pin Female Insert



Specifications and approvals

| Approvals | DNV GL |
|--------------------------------|---|
| Commercial data | |
| Packaging size | 1 |
| Net weight | 102 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| GTIN | 5713140056251 |
| ETIM | EC000438 |
| eCl@ss | 27440205 Contact insert for industrial connectors |

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