

Han K 8/0 Pos. Insert 100 Amp. 10-25mm



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

| | |
|--------------------|---|
| Part number | 09 38 008 2753 |
| Specification | Han K 8/0 Pos. Insert 100 Amp. 10-25mm |
| HARTING eCatalogue | https://b2b.harting.com/09380082753 |

Identification

| | |
|----------------|------------|
| Category | Inserts |
| Series | Han-Com® |
| Identification | Han® K 8/0 |

Version

| | |
|--------------------|-------------------------|
| Termination method | Axial screw termination |
| Gender | Female |
| Size | 24 B |
| Number of contacts | 8 |
| PE contact | Yes |

Technical characteristics

| | |
|---------------------------|---------------------------|
| Conductor cross-section | 10 ... 25 mm ² |
| Wire outer diameter | ≤11.4 mm |
| Rated current | 100 A |
| Rated voltage | 690 V |
| Rated impulse voltage | 8 kV |
| Pollution degree | 3 |
| Rated current acc. to UL | 82 A |
| Rated voltage acc. to UL | 600 V |
| Rated current acc. to CSA | 100 A |
| Rated voltage acc. to CSA | 600 V |
| Insulation resistance | >10 ¹⁰ Ω |

Page 1 / 3 | Creation date 2022-09-27 | 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-Hartung-Straße 1 | 32339 Espelkamp | Germany
Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com

Technical characteristics

| | |
|----------------------|---|
| Contact resistance | ≤0.5 mΩ |
| Stripping length | 13 ... 14 mm |
| Tightening torque | 6 Nm @ 10 mm ² 6 Nm @ 16 mm ² 7 Nm @ 25 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 |
| Approvals | DNV GL |

Specifications and approvals

| | |
|----------|--|
| UL / CSA | UL 1977 ECBT2.E235076 CSA-C22.2 No. 182.3 ECBT8.E235076 |
|----------|--|

Commercial data

| | |
|--------------------------------|---|
| Packaging size | 1 |
| Net weight | 323 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| GTIN | 5713140056336 |
| eCl@ss | 27440205 Contact insert for industrial connectors |