Pushing Performance
Since 1945

# Han Q 2/0-sti 2,5-6 mm²



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

| | |
|---|---|
| Part number | 09 12 002 2653 |
| Specification | Han Q 2/0-sti 2,5-6 mm² |
| HARTING eCatalogue | https://harting.com/09120022653 |

## Identification

| | |
|---|---|
| Category | Inserts |
| Series | Han® Q |
| Identification | 2/0 |
| Features | Finger safe contacts |

## Version

| | |
|---|---|
| Termination method | Axial screw termination |
| Gender | Male |
| Size | 3 A |
| Number of contacts | 2 |
| PE contact | Yes |

## Technical characteristics

| | |
|---|---|
| Conductor cross-section (mm²) | 2.5 ... 6 mm² |
| Rated current | 40 A |
| Rated voltage | 400 V |
| Rated impulse voltage | 6 kV |
| Pollution degree | 3 |
| Rated voltage acc. to UL | 400 V |
| Rated voltage acc. to CSA | 400 V |
| Insulation resistance | $>10^{10}$ Ω |
| Contact resistance | ≤1 mΩ |
| Tightening torque | 1.8 Nm |


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## Technical characteristics

| | |
|---|---|
| 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<br>Nickel |
| Fire protection on railway vehicles | EN 45545-2 (2020-08) + A1 (2023-10) |
| Requirement set with Hazard Levels | R22 (HL 1-3)<br>R23 (HL 1-3) |

## Specifications and approvals

| | |
|---|---|
| Specifications | IEC 60664-1<br>IEC 61984 |
| UL / CSA | UL 1977 ECBT2.E235076<br>CSA-C22.2 No. 182.3 ECBT8.E235076 |
| Approvals | DNV GL |

## Commercial data

| | |
|---|---|
| Packaging size | 1 |
| Net weight | 20 g |


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## Commercial data

| | |
|---|---|
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| GTIN | 5713140016569 |
| eCl@ss | 27440205 Contact insert for industrial connectors |
| ETIM | EC000438 |
| UNSPSC 24.0 | 39121522 |


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