



Pushing Performance
Since 1945

Han Q 4/2-M insert with QL 2,5-6mm²



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

| | |
|--------------------|---|
| Part number | 09 12 006 2662 |
| Specification | Han Q 4/2-M insert with QL 2,5-6mm ² |
| HARTING eCatalogue | https://harting.com/09120062662 |

Identification

| | |
|----------------|--------------------|
| Category | Inserts |
| Series | Han [®] Q |
| Identification | 4/2 |

Version

| | |
|---------------------------|--|
| Termination method | Axial screw termination |
| Gender | Male |
| Size | Han-Compact [®] |
| Number of contacts | 6 |
| Number of signal contacts | 2 |
| Number of power contacts | 4 |
| PE contact | Yes |
| Details | With Han-Quick Lock [®] signal contacts |

Technical characteristics

| | |
|---------------------------------------|--|
| Conductor cross-section | 2.5 ... 6 mm ² 0.25 ... 1.5 mm ² Signal |
| Rated current (signal) | 10 A |
| Rated voltage (signal) | 250 V |
| Rated impulse voltage (signal) | 4 kV |
| Pollution degree (signal) | 3 |
| Rated current (power) | 40 A |
| Rated voltage conductor-earth (Power) | 400 V |



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Technical characteristics

| | |
|---|---------------------|
| Rated voltage conductor-conductor (Power) | 690 V |
| Rated impulse voltage (power) | 6 kV |
| Pollution degree (power) | 3 |
| Insulation resistance | >10 ¹⁰ Ω |
| Contact resistance | ≤0.3 mΩ |
| Contact resistance, signal area | <3 mΩ |
| Tightening torque | 1.8 Nm |
| 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 Naphthalene |
| Fire protection on railway vehicles | EN 45545-2 (2020-08) |
| Requirement set with Hazard Levels | R22 (HL 1-3) R23 (HL 1-3) |



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Specifications and approvals

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

Commercial data

| | |
|--------------------------------|---|
| Packaging size | 10 |
| Net weight | 46.34 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| GTIN | 5713140017283 |
| ETIM | EC000438 |
| eCl@ss | 27440205 Contact insert for industrial connectors |