



Pushing Performance  
Since 1945

# Han Q 4/2-M-AS



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

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| Part number        | 09 12 006 2666                                                                        |
| Specification      | Han Q 4/2-M-AS                                                                        |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09120062666">https://b2b.harting.com/09120062666</a> |

## Identification

|                |                    |
|----------------|--------------------|
| Category       | Inserts            |
| Series         | Han <sup>®</sup> Q |
| Identification | 4/2                |

## Version

|                           |                          |
|---------------------------|--------------------------|
| Termination method        | Axial screw termination  |
| Gender                    | Male                     |
| Size                      | Han-Compact <sup>®</sup> |
| Number of contacts        | 6                        |
| Number of signal contacts | 2                        |
| Number of power contacts  | 4                        |
| PE contact                | Yes                      |
| Details                   | Without signal contacts  |

## Technical characteristics

|                                   |                          |
|-----------------------------------|--------------------------|
| Conductor cross-section           | 4 ... 10 mm <sup>2</sup> |
| Rated current                     | 40 A                     |
| Rated voltage conductor-earth     | 400 V                    |
| Rated voltage conductor-conductor | 690 V                    |
| Rated impulse voltage             | 6 kV                     |
| Pollution degree                  | 3                        |
| Insulation resistance             | >10 <sup>10</sup> Ω      |
| Contact resistance                | ≤0.3 mΩ                  |



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## Technical characteristics

|                      |                 |
|----------------------|-----------------|
| 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                     | 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol<br>Lead   |
| ECHA SCIP number                          | 5dbb3851-b94e-4e88-97a1-571845975242                   |
| California Proposition 65 substances      | Yes                                                    |
| California Proposition 65 substances      | Lead<br>Nickel<br>Naphthalene                          |
| Fire protection on railway vehicles       | EN 45545-2 (2020-08)                                   |
| Requirement set with Hazard Levels        | R22 (HL 1-3)<br>R23 (HL 1-3)                           |

## Specifications and approvals

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



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## Commercial data

|                                |                                                   |
|--------------------------------|---------------------------------------------------|
| Packaging size                 | 10                                                |
| Net weight                     | 43.8 g                                            |
| Country of origin              | Romania                                           |
| European customs tariff number | 85366990                                          |
| GTIN                           | 5713140017313                                     |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |