

# Han C axial module, male 6-10mm<sup>2</sup>



| Part number        | 09 14 003 2602                               |
|--------------------|--|
| Specification      | Han C axial module, male 6-10mm <sup>2</sup> |
| HARTING eCatalogue | https://b2b.harting.com/09140032602          |

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

#### Identification

| Category           | Modules                   |
|--------------------|---------------------------|
| Series             | Han-Modular <sup>®</sup>  |
| Type of module     | Han <sup>®</sup> C module |
| Size of the module | Single module             |

#### Version

| Termination method | Axial screw termination |
|--------------------|-------------------------|
| Gender             | Male                    |
| Number of contacts | 3                       |

# **Technical characteristics**

| Conductor cross-section  | 6 10 mm²                       |
|--------------------------|--------------------------------|
| Rated current            | 40 A                           |
| Rated voltage            | 690 V                          |
| Rated impulse voltage    | 8 kV                           |
| Pollution degree         | 3                              |
| Rated current acc. to UL | 40 A                           |
| Rated voltage acc. to UL | 600 V                          |
| Insulation resistance    | >10 <sup>10</sup> Ω            |
| Contact resistance       | ≤0.3 mΩ                        |
| Stripping length         | 8 mm @ 6 mm²<br>11 mm @ 10 mm² |

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#### Technical characteristics

| Tightening torque    | 2 Nm @ 6 mm²<br>2 Nm @ 10 mm² |
|----------------------|-------------------------------|
| 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)                                   |
| 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>UL 2237 PVVA2.E318390<br>CSA-C22.2 No. 182.3 PVVA8.E318390 |
| Approvals      | DNV GL  |

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Product data sheet 09 14 003 2602 Han C axial module, male 6-10mm<sup>2</sup>



#### Commercial data

| Packaging size                 | 2   |
|--------------------------------|---|
| Net weight                     | 32.6 g  |
| Country of origin              | Germany   |
| European customs tariff number | 85389099  |
| GTIN                           | 5713140020009   |
| eCl@ss                         | 27440217 Module for industrial connectors (power/signals) |

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