



Pushing Performance  
Since 1945

# Han 40A axial module, female 6-10 mm²



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 14 002 2702                                                                |
| Specification      | Han 40A axial module, female 6-10 mm²                                         |
| HARTING eCatalogue | <a href="https://harting.com/09140022702">https://harting.com/09140022702</a> |

## Identification

|                    |                  |
|--------------------|------------------|
| Category           | Modules          |
| Series             | Han-Modular®     |
| Type of module     | Han® 40 A module |
| Size of the module | Single module    |

## Version

|                    |                         |
|--------------------|-------------------------|
| Termination method | Axial screw termination |
| Gender             | Female                  |
| Number of contacts | 2                       |

## Technical characteristics

|                               |                                |
|-------------------------------|--------------------------------|
| Conductor cross-section (mm²) | 6 ... 10 mm²                   |
| Wire outer diameter           | ≤10.5 mm                       |
| Rated current                 | 40 A                           |
| Rated voltage                 | 1,000 V                        |
| Rated impulse voltage         | 8 kV                           |
| Pollution degree              | 3                              |
| 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    |
|                      | 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) + A1 (2023-10)                    |
| Requirement set with Hazard Levels        | R22 (HL 1-3)                                           |
|                                           | R23 (HL 1-3)                                           |

## Specifications and approvals

|                |                                   |
|----------------|-----------------------------------|
| Specifications | IEC 60664-1                       |
|                | IEC 61984                         |
|                | IEC 61373 Category 1 Class B      |
| UL / CSA       | UL 1977 ECBT2.E235076             |
|                | CSA-C22.2 No. 182.3 ECBT8.E235076 |
|                | UL 2237 PVVA2.E318390             |
|                | CSA-C22.2 No. 182.3 PVVA8.E318390 |
| Approvals      | DNV GL                            |



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## Commercial data

|                                |                                                           |
|--------------------------------|-----------------------------------------------------------|
| Packaging size                 | 2                                                         |
| Net weight                     | 24.185 g                                                  |
| Country of origin              | Germany                                                   |
| European customs tariff number | 85389099                                                  |
| GTIN                           | 5713140019720                                             |
| eCl@ss                         | 27440217 Module for industrial connectors (power/signals) |
| ETIM                           | EC000438                                                  |
| UNSPSC 24.0                    | 39121552                                                  |