

## Han 40A axial module, female 6-10 mm<sup>2</sup>



|                    |   |
|--------------------|---|
| Part number        | 09 14 002 2702  |
| Specification      | Han 40A axial module, female 6-10 mm <sup>2</sup>                                     |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09140022702">https://b2b.harting.com/09140022702</a> |

### Identification

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

### Version

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

### Technical characteristics

|                                   |  |
|-----------------------------------|--|
| Conductor cross-section           | 6 ... 10 mm <sup>2</sup>                               |
| Electrical data acc. to IEC 61984 | 40 A 1,000 V 8 kV 3                                    |
| 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  |
| Limiting temperature              | -40 ... +125 °C  |
| Stripping length                  | 8 mm @ 6 mm <sup>2</sup><br>11 mm @ 10 mm <sup>2</sup> |
| Tightening torque                 | 2 Nm @ 6 mm <sup>2</sup><br>2 Nm @ 10 mm <sup>2</sup>  |
| Mating cycles                     | ≥500   |

### Material properties

|                   |                        |
|-------------------|------------------------|
| Material (insert) | Polycarbonate          |
| Colour (insert)   | RAL 7032 (pebble grey) |



Pushing Performance

## Material properties

|   |  |
|---|--|
| Material (contacts)                       | Copper alloy   |
| Surface (contacts)                        | Silver plated  |
| Material flammability class acc. to UL 94 | V-0  |
| RoHS                                      | compliant with exemption                             |
| RoHS exemptions                           | 6c: Copper alloy containing up to 4 % lead by weight |
| ELV status                                | compliant with exemption                             |
| China RoHS                                | 50   |
| REACH Annex XVII substances               | No   |
| REACH ANNEX XIV substances                | No   |
| REACH SVHC substances                     | Yes  |
| REACH SVHC substances                     | Lead   |

## Specifications and approvals

|                |  |
|----------------|--|
| Specifications | EN 60664-1<br>IEC 61984  |
| Approvals      | DNV GL   |
| UL / CSA       | UL 1977 ECBT2.E235076<br>CSA-C22.2 No. 182.3 ECBT8.E235076<br>UL 2237 PVVA2.E318390<br>CSA-C22.2 No. 182.3 PVVA8.E318390 |

## Commercial data

|                       |          |
|-----------------------|----------|
| Packaging size        | 2        |
| Net weight            | 24.2 g   |
| Country of origin     | Germany  |
| Customs tariff number | 85366990 |