

## Han 100A axial module, female 38 mm<sup>2</sup>



|                    |   |
|--------------------|---|
| Part number        | 09 14 002 2750  |
| Specification      | Han 100A axial module, female 38 mm <sup>2</sup>                                      |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09140022750">https://b2b.harting.com/09140022750</a> |

### Identification

|                |                   |
|----------------|-------------------|
| Category       | Modules           |
| Series         | Han-Modular®      |
| Type of module | Han® 100 A module |

### Version

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

### Technical characteristics

|                          |                     |
|--------------------------|---------------------|
| Conductor cross-section  | 38 mm <sup>2</sup>  |
| Rated current            | 100 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         | 12 ... 14 mm        |
| Tightening torque        | 8 Nm                |
| Mating cycles            | ≥500                |

### Material properties

|                     |                        |
|---------------------|------------------------|
| Material (insert)   | Polycarbonate          |
| Colour (insert)     | RAL 7032 (pebble grey) |
| Material (contacts) | Copper alloy           |
| Surface (contacts)  | Silver plated          |



Pushing Performance

## Material properties

|   |  |
|---|--|
| Material flammability class acc. to UL 94 | V-0  |
| RoHS                                      | compliant with exemption   |
| RoHS exemptions                           | 6a: Lead as an alloying element in steel for machining purposes and in galvanised steel containing up to 0,35 % lead by weight<br>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                 | 1        |
| Net weight                     | 71.14 g  |
| Country of origin              | Germany  |
| European customs tariff number | 85366990 |