



Pushing Performance  
Since 1945

# Han 100A axial module, male 6-10 mm<sup>2</sup>



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 14 002 2655                                                                |
| Specification      | Han 100A axial module, male 6-10 mm <sup>2</sup>                              |
| HARTING eCatalogue | <a href="https://harting.com/09140022655">https://harting.com/09140022655</a> |

## Identification

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

## Version

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

## Technical characteristics

|                          |                          |
|--------------------------|--------------------------|
| Conductor cross-section  | 6 ... 10 mm <sup>2</sup> |
| Wire outer diameter      | ≤11.4 mm                 |
| 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                  |
| Stripping length         | 12 ... 14 mm             |
| Limiting temperature     | -40 ... +125 °C          |



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## Technical characteristics

|               |      |
|---------------|------|
| 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>CSA-C22.2 No. 182.3 ECBT8.E235076<br>UL 2237 PVVA2.E318390<br>CSA-C22.2 No. 182.3 PVVA8.E318390 |
| Approvals      | DNV GL                                                                                                                   |

## Commercial data

|                |      |
|----------------|------|
| Packaging size | 1    |
| Net weight     | 82 g |



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Commercial data

|                                |                                                           |
|--------------------------------|-----------------------------------------------------------|
| Country of origin              | Germany                                                   |
| European customs tariff number | 85389099                                                  |
| GTIN                           | 5713140019706                                             |
| eCl@ss                         | 27440217 Module for industrial connectors (power/signals) |
| ETIM                           | EC000438                                                  |
| UNSPSC 24.0                    | 39121552                                                  |