

## Han 40A axial module, male 2,5-8mm<sup>2</sup>

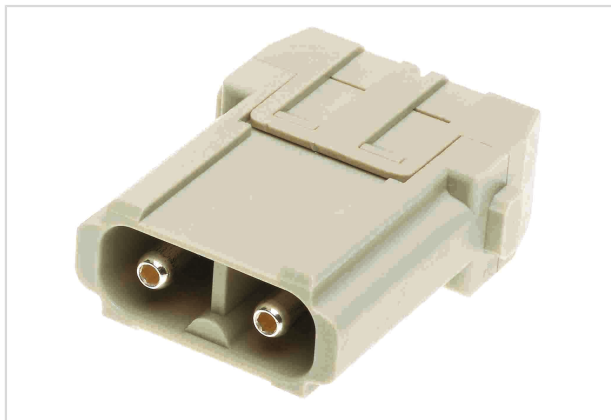


Image is for illustration purposes only. Please refer to product description.

|                    |   |
|--------------------|---|
| Part number        | 09 14 002 2601  |
| Specification      | Han 40A axial module, male 2,5-8mm <sup>2</sup>                                       |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09140022601">https://b2b.harting.com/09140022601</a> |

### Identification

|                |                              |
|----------------|------------------------------|
| Category       | Modules                      |
| Series         | Han-Modular <sup>®</sup>     |
| Type of module | Han <sup>®</sup> 40 A module |

### Version

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

### Technical characteristics

|                           |                           |
|---------------------------|---------------------------|
| Conductor cross-section   | 2.5 ... 8 mm <sup>2</sup> |
| Rated current             | 40 A                      |
| Rated voltage             | 1,000 V                   |
| Rated impulse voltage     | 8 kV                      |
| Pollution degree          | 3                         |
| Rated current acc. to UL  | 16 A @ AWG 14             |
|                           | 27 A @ AWG 12             |
|                           | 34 A @ AWG 10             |
| Rated voltage acc. to UL  | 600 V                     |
| Rated current acc. to CSA | 16 A @ AWG 14             |
|                           | 27 A @ AWG 12             |
|                           | 34 A @ AWG 10             |
| Insulation resistance     | >10 <sup>10</sup> Ω       |
| Contact resistance        | ≤0.3 mΩ                   |



Pushing Performance

## Technical characteristics

|                      |                              |
|----------------------|------------------------------|
| Stripping length     | 5 mm @ 2.5 mm <sup>2</sup>   |
|                      | 5 mm @ 4 mm <sup>2</sup>     |
|                      | 8 mm @ 6 mm <sup>2</sup>     |
| Tightening torque    | 1.5 Nm @ 2.5 mm <sup>2</sup> |
|                      | 1.5 Nm @ 4 mm <sup>2</sup>   |
|                      | 2 Nm @ 6 mm <sup>2</sup>     |
| 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               | No   |
| REACH ANNEX XIV substances                | No   |
| REACH SVHC substances                     | Yes  |
| REACH SVHC substances                     | Lead   |

## Specifications and approvals

|                |                                   |
|----------------|-----------------------------------|
| Specifications | EN 60664-1                        |
|                | IEC 61984                         |
| Approvals      | DNV GL                            |
| 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 |

## Commercial data

|                   |         |
|-------------------|---------|
| Packaging size    | 2       |
| Net weight        | 25.3 g  |
| Country of origin | Germany |



Pushing Performance

## Commercial data

European customs tariff number 85366990

eCl@ss 27440217 Module for industrial connectors (power/signals)