

## Han 70A axial module, male 6-16mm<sup>2</sup>



|                    |   |
|--------------------|---|
| Part number        | 09 14 002 2641  |
| Specification      | Han 70A axial module, male 6-16mm <sup>2</sup>  |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09140022641">https://b2b.harting.com/09140022641</a> |

### Identification

|                |                              |
|----------------|------------------------------|
| Category       | Modules                      |
| Series         | Han-Modular <sup>®</sup>     |
| Type of module | Han <sup>®</sup> 70 A module |

### Version

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

### Technical characteristics

|                         |   |
|-------------------------|---|
| Conductor cross-section | 6 ... 16 mm <sup>2</sup>  |
| Rated current           | 70 A  |
| Rated voltage           | 1,000 V   |
| Rated impulse voltage   | 8 kV  |
| Pollution degree        | 3   |
| Insulation resistance   | >10 <sup>10</sup> Ω   |
| Contact resistance      | ≤0.5 mΩ   |
| Limiting temperature    | -40 ... +125 °C   |
| Stripping length        | 11 ... 12 mm  |
| Tightening torque       | 2 Nm @ 6 mm <sup>2</sup><br>3 Nm @ 10 mm <sup>2</sup><br>4 Nm @ 14 mm <sup>2</sup><br>4 Nm @ 16 mm <sup>2</sup> |



Pushing Performance

## 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(a) / 6(a)-I: Lead as an alloying element in steel for machining purposes and in galvanised steel containing up to 0,35 % lead by weight / Lead as an alloying element in steel for machining purposes containing up to 0,35 % lead by weight and in batch hot dip galvanised steel components containing up to 0,2 % lead by weight<br>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<br>IEC 61984   |
| Approvals      | DNV GL  |
| UL / CSA       | UL 1977 ECBT2.E235076<br>UL 2237 PVVA2.E318390<br>CSA-C22.2 No. 182.3 PVVA8.E318390 |

## Commercial data

|                                |   |
|--------------------------------|---|
| Packaging size                 | 2   |
| Net weight                     | 30.9 g  |
| Country of origin              | Germany   |
| European customs tariff number | 85366990  |
| eCl@ss                         | 27440217 Module for industrial connectors (power/signals) |