

Han 100A axial module, female 38 mm²



| Part number | 09 14 002 2750 |
|--------------------|--------------------------------------|
| Specification | Han 100A axial module, female 38 mm² |
| HARTING eCatalogue | https://b2b.harting.com/09140022750 |

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

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 | 22 38 mm² |
|--------------------------|---------------------|
| 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 ¹⁰ Ω |
| Contact resistance | ≤0.3 mΩ |
| Stripping length | 12 14 mm |
| Tightening torque | 6 8 Nm |
| Limiting temperature | -40 +125 °C |
| Mating cycles | ≥500 |

Page 1 / 3 | Creation date 2021-09-08 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.

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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 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 | |
| ECHA SCIP number | 5dbb3851-b94e-4e88-97a1-571845975242 | |
| California Proposition 65 substances | Yes | |
| California Proposition 65 substances | Nickel 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 | 1 |
|--------------------------------|----------|
| Net weight | 71.14 g |
| Country of origin | Germany |
| European customs tariff number | 85366990 |

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Product data sheet 09 14 002 2750 Han 100A axial module, female 38 mm²



Commercial data

| -010 | 07440047 Madula familiado atrial acomo atama | (|
|--------|--|-----------------|
| eCl@ss | 27440217 Module for industrial connectors | (power/signals) |