

Han 70A axial module, female 6-16 mm²



| Part number | 09 14 002 2741 |
|--------------------|---|
| Specification | Han 70A axial module, female 6-16 mm ² |
| HARTING eCatalogue | https://b2b.harting.com/09140022741 |

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

Identification

| laentineation | |
|---------------------------|---|
| Category | Modules |
| Series | Han-Modular [®] |
| Type of module | Han [®] 70 A module |
| Version | |
| Termination method | Axial screw termination |
| Gender | Female |
| Number of contacts | 2 |
| Technical characteristics | |
| Conductor cross-section | 6 16 mm² |
| Rated current | 70 A |
| Rated voltage | 1,000 V |
| Rated impulse voltage | 8 kV |
| Pollution degree | 3 |
| Insulation resistance | >10 ¹⁰ Ω |
| Contact resistance | ≤0.5 mΩ |
| Stripping length | 11 12 mm |
| Tightening torque | 2 Nm @ 6 mm ² 3 Nm @ 10 mm ² 4 Nm @ 14 mm ² 4 Nm @ 16 mm ² |
| Limiting temperature | -40 +125 °C |

Page 1 / 2 | Creation date 2021-05-17 | 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. HARTING Electric GmbH & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com



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 |
| 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 |

Specifications and approvals

| Specifications | EN 60664-1 IEC 61984 |
|----------------|---|
| Approvals | DNV GL |
| UL / CSA | UL 1977 ECBT2.E235076 UL 2237 PVVA2.E318390 CSA-C22.2 No. 182.3 PVVA8.E318390 |

Commercial data

| Packaging size | 2 |
|--------------------------------|---|
| Net weight | 29 g |
| Country of origin | Germany |
| European customs tariff number | 85366990 |
| eCl@ss | 27440217 Module for industrial connectors (power/signals) |

Page 2 / 2 | Creation date 2021-05-17 | 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. HARTING Electric GmbH & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com