

Han C axial module female 2,5-8mm²



| Part number | 09 14 003 2701 |
|--------------------|--|
| Specification | Han C axial module female 2,5-8mm ² |
| HARTING eCatalogue | https://b2b.harting.com/09140032701 |

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

Identification

| Category | Modules |
|---------------------------|---------------------------|
| Series | Han-Modular [®] |
| Type of module | Han [®] C module |
| | |
| Version | |
| Termination method | Axial screw termination |
| Gender | Female |
| Number of contacts | 3 |
| | |
| Technical characteristics | |
| Conductor cross-section | 2.5 8 mm² |
| Rated current | 40 A |
| Rated voltage | 690 V |
| Rated impulse voltage | 8 kV |
| Pollution degree | 3 |
| Rated current acc. to UL | 40 A |
| Rated voltage acc. to UL | 600 V |
| Insulation resistance | >10 ¹⁰ Ω |
| Contact resistance | ≤0.3 mΩ |

 5 mm @ 2.5 mm²

 Stripping length
 5 mm @ 4 mm²

 8 mm @ 6 mm²

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Technical characteristics

| Tightening torque 1.5 Nm @ 2.5 mm ³ 1.5 Nm @ 4 mm ³ 2 Nm @ 6 mm ³ Limiting temperature -40 +125 °C Mating cycles >500 Material properties | | |
|---|---|--|
| 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 XIV substances No REACH ANNEX XIV substances Ves REACH SVHC substances Lead ECHA SCIP number 5db3851-b94e-4e88-97a1-571845975242 California Proposition 65 substances Yes California Proposition 65 substances Nickel | Tightening torque | 1.5 Nm @ 4 mm ² |
| 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 Yes REACH SVHC substances Yes REACH SVHC substances Yes California Proposition 65 substances Yes California Proposition 65 substances Nickel | Limiting temperature | -40 +125 °C |
| Material (insert)Polycarbonate (PC)Colour (insert)RAL 7032 (pebble grey)Material (contacts)Copper alloySurface (contacts)Silver platedMaterial flammability class acc. to UL 94V-0RoHScompliant with exemptionRoHS6(c): Copper alloy containing up to 4 % lead by weightELV statuscompliant with exemptionChina RoHS50REACH ANNEX XIV substancesNoREACH ANNEX XIV substancesVesREACH SVHC substancesLeadREACH SVHC substancesSdbb3851-b94e-4e88-97a1-571845975242California Proposition 65 substancesNickel | Mating cycles | ≥500 |
| Colour (insert)RAL 7032 (pebble grey)Material (contacts)Copper alloySurface (contacts)Silver platedMaterial flammability class acc. to UL 94V-0RoHScompliant with exemptionRoHS exemptions6(c): Copper alloy containing up to 4 % lead by weightELV statuscompliant with exemptionChina RoHS50REACH ANNEX XIV substancesNoREACH ANNEX XIV substancesVesREACH SVHC substancesLeadECHA SCIP number5db3851-b94e-4e88-97a1-571845975242California Proposition 65 substancesNickel | Material properties | |
| Material (contacts)Copper alloySurface (contacts)Silver platedMaterial flammability class acc. to UL 94V-0RoHScompliant with exemptionRoHS exemptions6(c): Copper alloy containing up to 4 % lead by weightELV statuscompliant with exemptionChina RoHS50REACH ANNEX XIV substancesNoREACH ANNEX XIV substancesYesREACH SVHC substancesLeadECHA SCIP number5dbb3851-b94e-4e88-97a1-571845975242California Proposition 65 substancesNickel | Material (insert) | Polycarbonate (PC) |
| Surface (contacts)Silver platedMaterial flammability class acc. to UL 94V-0RoHScompliant with exemptionRoHS exemptions6(c): Copper alloy containing up to 4 % lead by weightELV statuscompliant with exemptionChina RoHS50REACH Annex XVII substancesNoREACH ANNEX XIV substancesYesREACH SVHC substancesLeadREACH SVHC substancesSofb3851-b94e-4e88-97a1-571845975242California Proposition 65 substancesNickel | Colour (insert) | RAL 7032 (pebble grey) |
| Material flammability class acc. to UL 94V-0RoHScompliant with exemptionRoHS exemptions6(c): Copper alloy containing up to 4 % lead by weightELV statuscompliant with exemptionChina RoHS50REACH Annex XVII substancesNoREACH ANNEX XIV substancesNoREACH SVHC substancesYesREACH SVHC substancesLeadECHA SCIP number5dbb3851-b94e-4e88-97a1-571845975242California Proposition 65 substancesNickel | Material (contacts) | Copper alloy |
| RoHScompliant with exemptionRoHS exemptions6(c): Copper alloy containing up to 4 % lead by weightELV statuscompliant with exemptionELV statuscompliant with exemptionChina RoHS50REACH Annex XVII substancesNoREACH ANNEX XIV substancesNoREACH SVHC substancesYesREACH SVHC substancesLeadECHA SCIP number5dbb3851-b94e-4e88-97a1-571845975242California Proposition 65 substancesYesNickelNickel | Surface (contacts) | Silver plated |
| RoHS exemptions6(c): Copper alloy containing up to 4 % lead by weightELV statuscompliant with exemptionChina RoHS50REACH Annex XVII substancesNoREACH ANNEX XIV substancesNoREACH SVHC substancesYesREACH SVHC substancesLeadECHA SCIP number5db3851-b94e-4e88-97a1-571845975242California Proposition 65 substancesNickel | Material flammability class acc. to UL 94 | V-0 |
| ELV statuscompliant with exemptionChina RoHS50REACH Annex XVII substancesNoREACH ANNEX XIV substancesNoREACH SVHC substancesYesREACH SVHC substancesLeadECHA SCIP number5dbb3851-b94e-4e88-97a1-571845975242California Proposition 65 substancesYesNickelNickel | RoHS | compliant with exemption |
| China RoHS50REACH Annex XVII substancesNoREACH ANNEX XIV substancesNoREACH SVHC substancesYesREACH SVHC substancesLeadCHA SCIP number5dbb3851-b94e-4e88-97a1-571845975242California Proposition 65 substancesYesNickelNickel | RoHS exemptions | 6(c): Copper alloy containing up to 4 % lead by weight |
| REACH Annex XVII substancesNoREACH ANNEX XIV substancesNoREACH SVHC substancesYesREACH SVHC substancesLeadECHA SCIP number5dbb3851-b94e-4e88-97a1-571845975242California Proposition 65 substancesYesCalifornia Proposition 65 substancesNickel | ELV status | compliant with exemption |
| REACH ANNEX XIV substancesNoREACH SVHC substancesYesREACH SVHC substancesLeadECHA SCIP number5dbb3851-b94e-4e88-97a1-571845975242California Proposition 65 substancesYesCalifornia Proposition 65 substancesNickel | China RoHS | 50 |
| 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 | REACH Annex XVII substances | No |
| REACH SVHC substancesLeadECHA SCIP number5dbb3851-b94e-4e88-97a1-571845975242California Proposition 65 substancesYesCalifornia Proposition 65 substancesNickel | REACH ANNEX XIV substances | No |
| ECHA SCIP number 5dbb3851-b94e-4e88-97a1-571845975242 California Proposition 65 substances Yes California Proposition 65 substances Nickel | REACH SVHC substances | Yes |
| California Proposition 65 substances Yes California Proposition 65 substances Nickel | REACH SVHC substances | Lead |
| California Proposition 65 substances | ECHA SCIP number | 5dbb3851-b94e-4e88-97a1-571845975242 |
| California Proposition 65 substances | California Proposition 65 substances | Yes |
| | California Proposition 65 substances | |

Specifications and approvals

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

Commercial data

| Packaging size | 2 |
|----------------|------|
| Net weight | 31 g |

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Commercial data

| Country of origin | Germany |
|--------------------------------|---|
| European customs tariff number | 85366990 |
| eCl@ss | 27440217 Module for industrial connectors (power/signals) |

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