

Han HV module, 16A 5000V male



| Part number | 09 14 002 3021 |
|--------------------|-------------------------------------|
| Specification | Han HV module, 16A 5000V male |
| HARTING eCatalogue | https://b2b.harting.com/09140023021 |

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

Identification

| Category | Modules |
|---------------------------|--|
| Series | Han-Modular [®] |
| Type of module | Han [®] HV module |
| Size of the module | Double module |
| Description of the module | for Han E [®] crimp contacts |
| | |
| Version | |
| Termination method | Crimp termination |
| Gender | Male |
| Number of contacts | 2 |
| Details | Please order crimp contacts separately. |
| Pack contents | 1 module 2 locking sleeves 2 heat shrink tubes |
| Technical characteristics | |
| Conductor cross costion | $0.5 4 \text{ mm}^2$ |

| Conductor cross-section | 0.5 4 mm² |
|-----------------------------------|-----------|
| Rated current | 16 A |
| Rated voltage conductor-earth | 2,900 V |
| Rated voltage conductor-conductor | 5,000 V |
| Rated impulse voltage | 15 kV |
| Pollution degree | 3 |
| Rated current acc. to UL | 16 A |

Page 1 / 3 | Creation date 2024-04-26 | 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 Stiftung & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com



Technical characteristics

| Rated voltage acc. to UL | 5,000 V |
|--------------------------|---------------------|
| Insulation resistance | >10 ¹⁰ Ω |
| Limiting temperature | -40 +125 °C |
| Mating cycles | ≥500 |

Material properties

| Material (insert) | Polycarbonate / Teflon (PTFE) |
|---|--|
| Colour (insert) | RAL 7032 (pebble grey) |
| 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 | Not contained |
| REACH ANNEX XIV substances | Not contained |
| 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 | Lead Nickel |
| Fire protection on railway vehicles | EN 45545-2 (2020-08) |
| Requirement set with Hazard Levels | R22 (HL 1-3) R23 (HL 1-3) |

Specifications and approvals

| Specifications | IEC 60664-1 IEC 61984 EN 50124-1 IEC 60352-4 |
|-----------------|--|
| UL / CSA | UL 1977 ECBT2.E235076 CSA-C22.2 No. 182.3 ECBT8.E235076 |
| Approvals | DNV GL |
| Commercial data | |
| Packaging size | 1 |

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Commercial data

| Net weight | 56 g |
|--------------------------------|---|
| Country of origin | Germany |
| European customs tariff number | 85389099 |
| GTIN | 5713140019843 |
| ETIM | EC000438 |
| eCl@ss | 27440217 Module for industrial connectors (power/signals) |

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