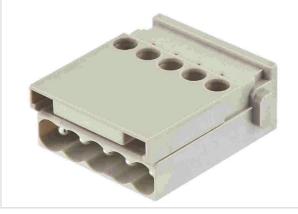


## Han E Screw module-M



| Part number        | 09 14 005 2601                      |
|--------------------|-------------------------------------|
| Specification      | Han E Screw module-M                |
| HARTING eCatalogue | https://b2b.harting.com/09140052601 |

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

#### Identification

| Category           | Modules                   |
|--------------------|---------------------------|
| Series             | Han-Modular <sup>®</sup>  |
| Type of module     | Han E <sup>®</sup> module |
| Size of the module | Single module             |

#### Version

| Termination method | Screw termination |
|--------------------|-------------------|
| Gender             | Male              |
| Number of contacts | 5                 |

### **Technical characteristics**

| Conductor cross-section           | 0.5 2.5 mm²         |
|-----------------------------------|---------------------|
| Wire outer diameter               | ≤5 mm               |
| Rated current                     | 16 A                |
| Rated voltage conductor-earth     | 230 V               |
| Rated voltage conductor-conductor | 400 V               |
| Rated impulse voltage             | 4 kV                |
| Pollution degree                  | 3                   |
| Insulation resistance             | >10 <sup>10</sup> Ω |
| Contact resistance                | ≤1 mΩ               |
| Stripping length                  | 7.5 mm              |
| Limiting temperature              | -40 +125 °C         |

Page 1 / 3 | Creation date 2024-10-24 | 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

≥500

| 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 exemptionRoHS exemptions6(c): Copper alloy containing up to 4 % lead by weightELV statuscompliant with exemptionChina RoHS50REACH ANNEX XIV substancesNot containedREACH SVHC substancesVesREACH SVHC substancesVesREACH SVHC substancesYesCalifornia Proposition 65 substancesYesCalifornia Proposition 65 substancesEadFire protection on railway vehiclesEN 455452 (2020-08)Requirement set with Hazard LevelsR22 (HL 1.3)<br>R23 (HL 1.3)<br>R23 (HL 1.3) | Material properties                       |  |
|--|---|--|
| 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 Not contained   REACH ANNEX XIV substances Not contained   REACH SVHC substances Yes   REACH SVHC substances Lead   Collifornia Proposition 65 substances Yes   California Proposition 65 substances Lead   Fire protection on railway vehicles EN 45545-2 (2020-08)   Rez (HL 1-3) R22 (HL 1-3)  | Material (insert)                         | Polycarbonate (PC)                                     |
| 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   Not contained     REACH ANNEX XIV substances   Not contained     REACH SVHC substances   Yes     REACH SVHC substances   Lead     California Proposition 65 substances   Yes     California Proposition 65 substances   Lead     Fire protection on railway vehicles   EN 45545-2 (2020-08)     R22 (HL 1-3)   R22 (HL 1-3)                                | 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     California Proposition 65 substances   Yes     California Proposition 65 substances   Lead     Fire protection on railway vehicles   EN 45545-2 (2020-08)     Rez (HL 1-3)   R22 (HL 1-3)   | Material (contacts)                       | Copper alloy   |
| RoHScompliant with exemptionRoHS exemptions6(c): Copper alloy containing up to 4 % lead by weightELV statuscompliant with exemptionChina RoHS50REACH Annex XVII substancesNot containedREACH ANNEX XIV substancesNot containedREACH SVHC substancesYesREACH SVHC substancesLeadECHA SCIP number5dbb3851-b94e-4e88-97a1-571845975242California Proposition 65 substancesYesCalifornia Proposition 65 substancesEnadFire protection on railway vehiclesEN 45545-2 (2020-08)Reacuirmment set with Hazard LevalsR22 (HL 1-3)   | Surface (contacts)                        | Silver plated  |
| RoHS exemptions6(c): Copper alloy containing up to 4 % lead by weightELV statuscompliant with exemptionChina RoHS50REACH Annex XVII substancesNot containedREACH ANNEX XIV substancesNot containedREACH SVHC substancesYesREACH SVHC substancesLeadECHA SCIP number5dbb3851-b94e-4e88-97a1-571845975242California Proposition 65 substancesYesCalifornia Proposition 65 substancesLeadFire protection on railway vehiclesEN 45545-2 (2020-08)Requirement set with Hazard LevelsR22 (HL 1-3)  | Material flammability class acc. to UL 94 | V-0  |
| 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   Yes     Fire protection on railway vehicles   EN 45545-2 (2020-08)     Reacuirement set with Hazard Levels   R22 (HL 1-3)  | RoHS                                      | compliant with exemption                               |
| China RoHS50REACH Annex XVII substancesNot containedREACH ANNEX XIV substancesNot containedREACH SVHC substancesYesREACH SVHC substancesLeadREACH SCIP number5dbb3851-b94e-4e88-97a1-571845975242California Proposition 65 substancesYesCalifornia Proposition 65 substancesLeadFire protection on railway vehiclesEN 45545-2 (2020-08)R22 (HL 1-3)R22 (HL 1-3)  | RoHS exemptions                           | 6(c): Copper alloy containing up to 4 % lead by weight |
| 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   Yes     Fire protection on railway vehicles   EN 45545-2 (2020-08)     Reacuirement set with Hazard Levels   R22 (HL 1-3)  | ELV status                                | compliant with exemption                               |
| REACH ANNEX XIV substancesNot containedREACH SVHC substancesYesREACH SVHC substancesLeadECHA SCIP number5dbb3851-b94e-4e88-97a1-571845975242California Proposition 65 substancesYesCalifornia Proposition 65 substancesLeadNickelNickelFire protection on railway vehiclesEN 45545-2 (2020-08)R22 (HL 1-3)R22 (HL 1-3)   | China RoHS                                | 50   |
| REACH SVHC substancesYesREACH SVHC substancesLeadECHA SCIP number5dbb3851-b94e-4e88-97a1-571845975242California Proposition 65 substancesYesCalifornia Proposition 65 substancesLeadCalifornia Proposition 65 substancesLeadFire protection on railway vehiclesEN 45545-2 (2020-08)Requirement set with Hazard LevelsR22 (HL 1-3)  | REACH Annex XVII substances               | Not contained  |
| REACH SVHC substances   Lead     ECHA SCIP number   5dbb3851-b94e-4e88-97a1-571845975242     California Proposition 65 substances   Yes     California Proposition 65 substances   Lead     Nickel   Nickel     Fire protection on railway vehicles   EN 45545-2 (2020-08)     Requirement set with Hazard Levels   R22 (HL 1-3)   | REACH ANNEX XIV substances                | Not contained  |
| ECHA SCIP number   5dbb3851-b94e-4e88-97a1-571845975242     California Proposition 65 substances   Yes     California Proposition 65 substances   Lead     Nickel   Nickel     Fire protection on railway vehicles   EN 45545-2 (2020-08)     R22 (HL 1-3)   R22 (HL 1-3)  | REACH SVHC substances                     | Yes  |
| California Proposition 65 substances   Yes     California Proposition 65 substances   Lead<br>Nickel     Fire protection on railway vehicles   EN 45545-2 (2020-08)     Requirement set with Hazard Levels   R22 (HL 1-3)  | REACH SVHC substances                     | Lead   |
| California Proposition 65 substances   Lead<br>Nickel     Fire protection on railway vehicles   EN 45545-2 (2020-08)     Requirement set with Hazard Levels   R22 (HL 1-3)   | ECHA SCIP number                          | 5dbb3851-b94e-4e88-97a1-571845975242                   |
| California Proposition 65 substances   Nickel     Fire protection on railway vehicles   EN 45545-2 (2020-08)     Requirement set with Hazard Levels   R22 (HL 1-3)   | California Proposition 65 substances      | Yes  |
| Requirement set with Hazard Levels R22 (HL 1-3)  | California Proposition 65 substances      |  |
| Requirement set with Hazard Levels   | Fire protection on railway vehicles       | EN 45545-2 (2020-08)                                   |
|  | Requirement set with Hazard Levels        |  |

#### Specifications and approvals

| Specifications    | IEC 60664-1<br>IEC 61984  |
|-------------------|---|
| UL / CSA          | UL 1977 ECBT2.E235076<br>UL 2237 PVVA2.E318390<br>CSA-C22.2 No. 182.3 PVVA8.E318390 |
| Approvals         | DNV GL  |
| Commercial data   |   |
| Packaging size    | 2   |
| Net weight        | 10 g  |
| Country of origin | Romania   |

Page 2 / 3 | Creation date 2024-10-24 | 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 Product data sheet 09 14 005 2601 Han E Screw module-M



#### Commercial data

| European customs tariff number | 85389099  |
|--------------------------------|---|
| GTIN                           | 5713140020238   |
| ETIM                           | EC000438  |
| eCl@ss                         | 27440217 Module for industrial connectors (power/signals) |

Page 3 / 3 | Creation date 2024-10-24 | 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

# **Mouser Electronics**

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

HARTING:

09140052601