

H3-faston module



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

| | |
|--------------------|---|
| Part number | 02 54 903 1301 |
| Specification | H3-faston module |
| HARTING eCatalogue | https://harting.com/02549031301 |

Identification

| | |
|----------------------------|------------------|
| Category | Connectors |
| Series | har-modular® |
| Identification | H3 module |
| Element | Cable connector |
| Specification | Female connector |
| Description of the contact | Straight |

Version

| | |
|---------------------|--------------|
| Width of the module | 10.16 mm |
| Termination method | Faston |
| Connection type | PCB to cable |
| Number of contacts | 3 |

Technical characteristics

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|-----------------------|--|
| Rated current | 15 A |
| Clearance distance | 4 mm in the module 4 mm to module edge 5.5 mm to touchable surface |
| Creepage distance | 4 mm in the module 4 mm to module edge 6.4 mm to touchable surface |
| Insulation resistance | >10 ¹¹ Ω |
| Limiting temperature | -55 ... +125 °C |
| Mating cycles | ≥500 |

Technical characteristics

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|--|---|
| Degree of protection acc. to IEC 60529 | IP20 |
| Test voltage $U_{r.m.s.}$ | 1.55 kV (contact-contact) 2.21 kV (Contact - accessible surfaces of cable connector) acc. to IEC 61984 |
| Isolation group | I (600 \leq CTI) |
| Hot plugging | No |

Material properties

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|---|------------------------------|
| Material (insert) | Polyamide (PA) |
| Colour (insert) | Black |
| Material (contacts) | Copper alloy |
| Surface (contacts) | Silver plated |
| Material flammability class acc. to UL 94 | V-0 |
| RoHS | compliant |
| ELV status | compliant |
| China RoHS | e |
| REACH Annex XVII substances | Not contained |
| REACH ANNEX XIV substances | Not contained |
| REACH SVHC substances | Not contained |
| California Proposition 65 substances | Not contained |
| Fire protection on railway vehicles | EN 45545-2 (2020-08) |
| Requirement set with Hazard Levels | R22 (HL 1-3) R23 (HL 1-3) |

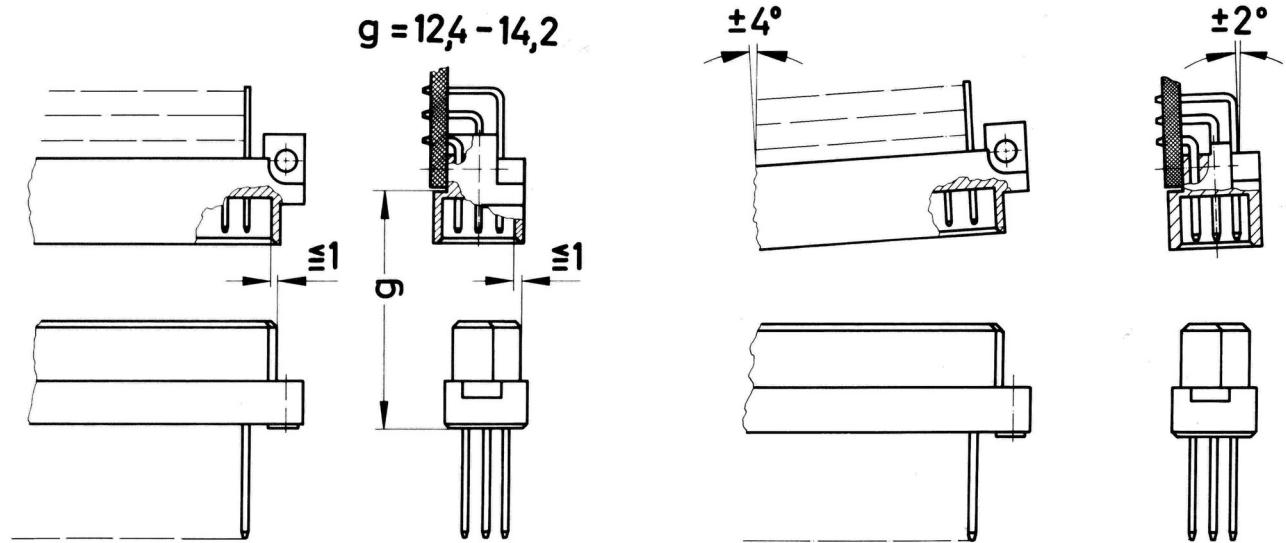
Specifications and approvals

| | |
|------------------------|------------------------------|
| Railway classification | F1/I2 acc. to NFF 16-101/102 |
|------------------------|------------------------------|

Commercial data

| | |
|--------------------------------|--|
| Packaging size | 20 |
| Net weight | 8.93 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| GTIN | 5713140427723 |
| eCl@ss | 27460201 PCB connector (board connector) |
| UNSPSC 24.0 | 39121415 |

Mating conditions



To ensure reliable connections and prevent unnecessary damage, please refer to the application data diagrams. These recommendations are set out in IEC 60603-2. The connectors should not be coupled and decoupled under electrical load.