



Pushing Performance
Since 1945

Han Gigabit HMC insert male



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

| | |
|--------------------|---|
| Part number | 09 14 208 3011 |
| Specification | Han Gigabit HMC insert male |
| HARTING eCatalogue | https://harting.com/09142083011 |

Identification

| | |
|---------------------------|-------------------------------------|
| Category | Modules |
| Type of module | Han [®] Gigabit HMC module |
| Description of the module | Insert |
| Features | Suitable for PoE++ |

Version

| | |
|--------------------|--|
| Termination method | Crimp termination |
| Gender | Male |
| Number of contacts | 8 |
| further contacts | + shielding |
| Details | Please order crimp contacts separately. Please order adapter module separately. |

Technical characteristics

| | |
|--------------------------|-------------------------------|
| Conductor cross-section | 0.09 ... 0.52 mm ² |
| Wire outer diameter | ≤1.7 mm |
| Rated current | 5 A |
| Rated voltage | 50 V |
| Rated voltage | 50 V AC 60 V DC |
| Rated impulse voltage | 0.8 kV |
| Pollution degree | 3 |
| Rated voltage acc. to UL | 30 V |



Pushing Performance
Since 1945

Technical characteristics

| | |
|-------------------------------|--|
| Transmission characteristics | Cat. 6 _A Class E _A up to 500 MHz |
| Data rate | 10 Mbit/s |
| | 100 Mbit/s |
| | 1 Gbit/s |
| | 2.5 Gbit/s |
| | 5 Gbit/s |
| | 10 Gbit/s |
| Contact resistance, shielding | ≤100 mΩ |
| Limiting temperature | -40 ... +85 °C |
| Mating cycles | ≥10,000 |
| Note on the mating cycles | Mating cycles with other HMC components |

Material properties

| | |
|---|---|
| Material (insert) | Polycarbonate (PC) |
| Colour (insert) | RAL 7032 (pebble grey) |
| Material (shielding) | Zinc die-cast, nickel-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 | Yes |
| REACH SVHC substances | Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate |
| ECHA SCIP number | 1e38d35d-d1be-4585-8e03-95faccd739bf |
| California Proposition 65 substances | Not contained |
| Fire protection on railway vehicles | EN 45545-2 (2020-08) + A1 (2023-10) |
| Requirement set with Hazard Levels | R22 (HL 1-3) |
| | R23 (HL 1-3) |

Specifications and approvals

| | |
|----------------|-----------------------------------|
| Specifications | IEC 60664-1 |
| | IEC 61984 |
| | IEC 61373 Category 2 |
| UL / CSA | UL 1977 ECBT2.E235076 |
| | CSA-C22.2 No. 182.3 ECBT8.E235076 |



Pushing Performance
Since 1945

Specifications and approvals

| | |
|-----------|--------|
| Approvals | DNV GL |
|-----------|--------|

Commercial data

| | |
|--------------------------------|--|
| Packaging size | 1 |
| Net weight | 37 g |
| Country of origin | Romania |
| European customs tariff number | 85389099 |
| GTIN | 5713140162877 |
| eCl@ss | 27440218 Module for industrial connectors (data) |
| ETIM | EC000438 |
| UNSPSC 24.0 | 39121552 |