

Han Gigabit insert M, Cat. 7



| Part number | 09 14 008 3031 |
|--------------------|-------------------------------------|
| Specification | Han Gigabit insert M, Cat. 7 |
| HARTING eCatalogue | https://b2b.harting.com/09140083031 |

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

Identification

| Category | Inserts |
|---------------|---------------------------------|
| Specification | Han [®] Gigabit 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 mm² |
|------------------------------|--|
| 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 |
| Transmission characteristics | Cat. 7 _A Class F _A up to 1,000 MHz |

Page 1 / 3 | Creation date 2023-01-11 | 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 Stiftung & Co. KG | Marienwerderstr. 3 | 32339 Espelkamp | Germany



Technical characteristics

| 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 | ≥500 |
| 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) |
|-------------------------------------|----------------------|
| Requirement set with Hazard Levels | R22 (HL 1-3) |
| | R23 (HL 1-3) |

Specifications and approvals

| Specifications | IEC 60664-1 IEC 61984 |
|----------------|--|
| Approvals | DNV GL |
| UL / CSA | UL 1977 ECBT2.E235076 CSA-C22.2 No. 182.3 ECBT8.E235076 |

Commercial data

Packaging size

1

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Product data sheet 09 14 008 3031 Han Gigabit insert M, Cat. 7



Commercial data

| Net weight | 34 g |
|--------------------------------|--|
| Country of origin | Germany |
| European customs tariff number | 85389099 |
| GTIN | 5713140187467 |
| eCl@ss | 27440218 Module for industrial connectors (data) |

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