## Han Gigabit insert male, (shield-GND)



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

| Part number | 09140083012 |
| :--- | :--- |
| Specification | Han Gigabit insert male, (shield-GND) |
| HARTING eCatalogue | https://b2b.harting.com/09140083012 |

Identification

| Category | Inserts |
| :--- | :--- |
| Specification | $\operatorname{Han}^{\circledR}$ Gigabit insert |
| Features | Suitable for PoE++ |

## Version

| Termination method | Crimp termination |
| :--- | :--- |
| Gender | Male |
| Number of contacts | 8 |
| further contacts | + shielding |
| Details | With additional shield connection to the hinged frame |

## Technical characteristics

| Conductor cross-section | $0.09 \ldots 0.52 \mathrm{~mm}^{2}$ |
| :--- | :--- |
| Rated current | 5 A |
| Rated voltage | 50 V |
| Rated voltage | 50 V AC |
| Rated impulse voltage | 60 V DC |
| Pollution degree | 0.8 kV |
| Rated voltage acc. to UL | 3 |
| Transmission characteristics | 30 V |

## Technical characteristics

|  | $10 \mathrm{Mbit} / \mathrm{s}$ |
| :--- | :--- |
|  | $100 \mathrm{Mbit} / \mathrm{s}$ |
| Data rate | $1 \mathrm{Gbit} / \mathrm{s}$ |
|  | $2.5 \mathrm{Gbit} / \mathrm{s}$ |
|  | $5 \mathrm{Gbit} / \mathrm{s}$ |
|  | $10 \mathrm{Gbit} / \mathrm{s}$ |
| Contact resistance, shielding | $\leq 100 \mathrm{~m} \Omega$ |
| Limiting temperature | $-40 \ldots+85^{\circ} \mathrm{C}$ |
| Mating cycles | $\geq 500$ |

## 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 | e |
| China RoHS | Not contained contained |
| REACH Annex XVII substances | Yes |
| REACH ANNEX XIV substances | Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate |
| REACH SVHC substances | 1e38d35d-d1be-4585-8e03-95faccd739bf |
| REACH SVHC substances | Not contained |
| ECHA SCIP number | EN 45545-2 (2020-08) |
| California Proposition 65 substances | R22 (HL 1-3) |
| Fire protection on railway vehicles | R23 (HL 1-3) |
| Requirement set with Hazard Levels |  |

Specifications and approvals

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

Commercial data

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Packaging size 1
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Page 2 / 3 | Creation date 2022-09-27 | 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.
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Phone +495772 47-97100 | electric@HARTING.com | www.HARTING.com

## Commercial data

| Net weight | 34.5 g |
| :--- | :--- |
| Country of origin | Germany |
| European customs tariff number | 85366990 |
| GTIN | 5713140020665 |
| eCI@ss | 27440218 Module for industrial connectors (data) |

