

## Han Megabit HMC insert fem. (shield-GND)



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

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| Part number        | 09 14 208 3117                                                                        |
| Specification      | Han Megabit HMC insert fem. (shield-GND)                                              |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09142083117">https://b2b.harting.com/09142083117</a> |

### Identification

|               |                                                                         |
|---------------|-------------------------------------------------------------------------|
| Category      | Inserts                                                                 |
| Specification | Han <sup>®</sup> Megabit HMC insert<br>2x 4 contacts<br>2 cable entries |

### Version

|                    |                                                                                                                                                               |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Termination method | Crimp termination                                                                                                                                             |
| Gender             | Female                                                                                                                                                        |
| Number of contacts | 8                                                                                                                                                             |
| further contacts   | + shielding                                                                                                                                                   |
| Details            | With additional shield connection to the hinged frame<br>Please order crimp contacts separately.<br>Please order adapter module separately.                   |
| Details            | Not suitable for hoods/housings low construction as well as Han-Modular <sup>®</sup> Eco, Han-Modular <sup>®</sup> Compact and Han-Modular <sup>®</sup> Twin. |

### Technical characteristics

|                          |                                                                    |
|--------------------------|--------------------------------------------------------------------|
| Conductor cross-section  | 0.14 ... 2.5 mm <sup>2</sup>                                       |
| Rated current            | 10 A                                                               |
| Rated voltage            | 50 V                                                               |
| Rated impulse voltage    | 0.8 kV                                                             |
| Pollution degree         | 3                                                                  |
| Rated current acc. to UL | 2 A @ AWG 26 ... AWG 20<br>6 A @ AWG 18<br>8 A @ AWG 16 ... AWG 14 |



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## Technical characteristics

|                                         |                              |
|-----------------------------------------|------------------------------|
| Rated voltage acc. to UL                | 30 V                         |
| Transmission characteristics            | Cat. 5 Class D up to 100 MHz |
| Data rate                               | 100 Mbit/s                   |
| Contact resistance, shielding           | ≤100 mΩ                      |
| Limiting temperature                    | -40 ... +85 °C               |
| Mating cycles with other HMC components | ≥10,000                      |

## 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                     | 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)<br>R23 (HL 1-3) |

## Specifications and approvals

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

## Commercial data

|                                |          |
|--------------------------------|----------|
| Packaging size                 | 1        |
| Net weight                     | 45 g     |
| Country of origin              | Germany  |
| European customs tariff number | 85389099 |



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Commercial data

|        |                                                  |
|--------|--------------------------------------------------|
| GTIN   | 5713140187696                                    |
| eCl@ss | 27440218 Module for industrial connectors (data) |