

## Han 1 HC250-M



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

|                    |   |
|--------------------|---|
| Part number        | 09 11 001 3021  |
| Specification      | Han 1 HC250-M   |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09110013021">https://b2b.harting.com/09110013021</a> |

### Identification

|                |                             |
|----------------|-----------------------------|
| Category       | Inserts                     |
| Series         | Han <sup>®</sup> HC Modular |
| Identification | 250                         |

### Version

|                    |   |
|--------------------|---|
| Termination method | Crimp termination   |
| Gender             | Male  |
| Details            | Please order crimp contacts separately.   |
| Details            | The vibration and shock resistance can only be met if the cables are fixed at an appropriate distance. Instructions for the spacing of strain relief can be found in the document in eCatalogue under the section Instructions. |

### Technical characteristics

|                         |                              |
|-------------------------|------------------------------|
| Conductor cross-section | 10 ... 70 mm <sup>2</sup>    |
| Wire outer diameter     | ≤18 mm                       |
| Rated current           | 250 A                        |
| Rated voltage           | 2,000 V                      |
| Rated impulse voltage   | 12 kV                        |
| Pollution degree        | 3                            |
| Insulation resistance   | >10 <sup>10</sup> Ω          |
| Limiting temperature    | -40 ... +125 °C              |
| Mating cycles           | ≥500                         |
| Vibration resistance    | Category 2 acc. to IEC 61373 |



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## Technical characteristics

|                  |                              |
|------------------|------------------------------|
| Shock resistance | Category 2 acc. to IEC 61373 |
|------------------|------------------------------|

## Material properties

|   |   |
|---|---|
| Material (insert)                         | Polycarbonate (PC)  |
| Colour (insert)                           | RAL 7032 (pebble grey)                                    |
| 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 |
| 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 |
|                | IEC 61984   |
|                | EN 50124-1  |
| Approvals      | DNV GL      |

## Commercial data

|                                |   |
|--------------------------------|---|
| Packaging size                 | 1   |
| Net weight                     | 20 g  |
| Country of origin              | Germany   |
| European customs tariff number | 85359000  |
| GTIN                           | 5713140016156                                     |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |