



Pushing Performance  
Since 1945

# Han 108DD-SMC-FI-CRT

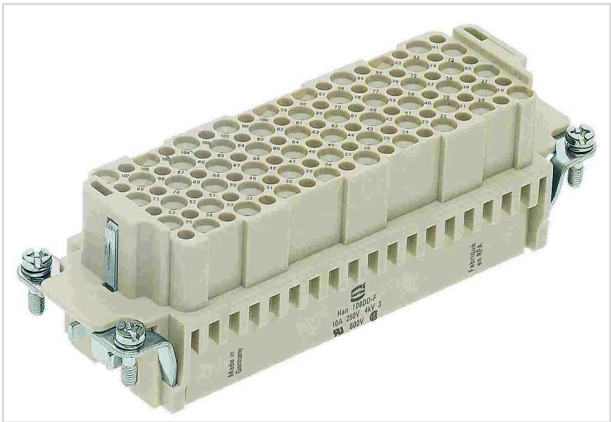


Image is for illustration purposes only. Please refer to product description.

|                    |   |
|--------------------|---|
| Part number        | 09 16 108 3101  |
| Specification      | Han 108DD-SMC-FI-CRT  |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09161083101">https://b2b.harting.com/09161083101</a> |

## Identification

|          |         |
|----------|---------|
| Category | Inserts |
| Series   | Han DD® |

## Version

|                    |   |
|--------------------|---|
| Termination method | Crimp termination                       |
| Gender             | Female                                  |
| Size               | 24 B                                    |
| Number of contacts | 108                                     |
| PE contact         | Yes                                     |
| Details            | Please order crimp contacts separately. |

## Technical characteristics

|                           |                     |
|---------------------------|---------------------|
| Conductor cross-section   | 0.14 ... 2.5 mm²    |
| Rated current             | 10 A                |
| Rated voltage             | 250 V               |
| Rated impulse voltage     | 4 kV                |
| Pollution degree          | 3                   |
| Rated voltage acc. to UL  | 600 V               |
| Rated voltage acc. to CSA | 600 V               |
| Insulation resistance     | >10 <sup>10</sup> Ω |
| Limiting temperature      | -40 ... +125 °C     |
| Mating cycles             | ≥500                |



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## Material properties

|   |                              |
|---|------------------------------|
| 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                     | Not contained                |
| California Proposition 65 substances      | Yes                          |
| California Proposition 65 substances      | Lead<br>Nickel               |
| 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                                   |
| UL / CSA       | UL 1977 ECBT2.E235076<br>CSA-C22.2 No. 182.3 ECBT8.E235076 |
| Approvals      | DNV GL   |

## Commercial data

|                                |   |
|--------------------------------|---|
| Packaging size                 | 1   |
| Net weight                     | 85 g  |
| Country of origin              | Romania   |
| European customs tariff number | 85366990  |
| GTIN                           | 5713140023925                                     |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |