



Pushing Performance  
Since 1945

# Han 72DD-SMC-FI-CRT



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 16 072 3101                                                                |
| Specification      | Han 72DD-SMC-FI-CRT                                                           |
| HARTING eCatalogue | <a href="https://harting.com/09160723101">https://harting.com/09160723101</a> |

## Identification

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

## Version

|                    |                                         |
|--------------------|-----------------------------------------|
| Termination method | Crimp termination                       |
| Gender             | Female                                  |
| Size               | 16 B                                    |
| Number of contacts | 72                                      |
| 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      |
| Tightening torque         | 1.2 Nm PE screw M4       |
| Recommended screw driver  | Slotted 0.8 x 4.5<br>PH2 |



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## Technical characteristics

|                      |                 |
|----------------------|-----------------|
| Limiting temperature | -40 ... +125 °C |
| Mating cycles        | ≥500            |

## 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      | Nickel                              |
| Fire protection on railway vehicles       | EN 45545-2 (2020-08) + A1 (2023-10) |
| 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                     | 65 g                                              |
| Country of origin              | Romania                                           |
| European customs tariff number | 85366990                                          |
| GTIN                           | 5713140572751                                     |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |
| UNSPSC 24.0                    | 39121522                                          |