

## Han 72DD-SMC-FI-CRT-(73-144)



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 16 072 3111                                                                |
| Specification      | Han 72DD-SMC-FI-CRT-(73-144)                                                  |
| HARTING eCatalogue | <a href="https://harting.com/09160723111">https://harting.com/09160723111</a> |

### Identification

|               |                    |
|---------------|--------------------|
| Category      | Inserts            |
| Series        | Han DD®            |
| Specification | Continuing marking |

### Version

|                        |                                                                                          |
|------------------------|------------------------------------------------------------------------------------------|
| Termination method     | Crimp termination                                                                        |
| Gender                 | Female                                                                                   |
| Size                   | 32 B                                                                                     |
| Number of contacts     | 144                                                                                      |
| PE contact             | Yes                                                                                      |
| Contact identification | 73 ... 144                                                                               |
| Details                | Please order crimp contacts separately.<br>You need two inserts for a complete assembly! |

### Technical characteristics

|                           |                              |
|---------------------------|------------------------------|
| Conductor cross-section   | 0.14 ... 2.5 mm <sup>2</sup> |
| 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          |



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## Technical characteristics

|                          |                          |
|--------------------------|--------------------------|
| Tightening torque        | 1.2 Nm PE screw M4       |
| Recommended screw driver | Slotted 0.8 x 4.5<br>PH2 |
| 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                     | 60 g                                              |
| Country of origin              | Romania                                           |
| European customs tariff number | 85366990                                          |
| GTIN                           | 5713140023857                                     |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |



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Commercial data

|             |          |
|-------------|----------|
| ETIM        | EC000438 |
| UNSPSC 24.0 | 39121522 |