



Pushing Performance  
Since 1945

# Han 24DD-SMC-MI-CRT

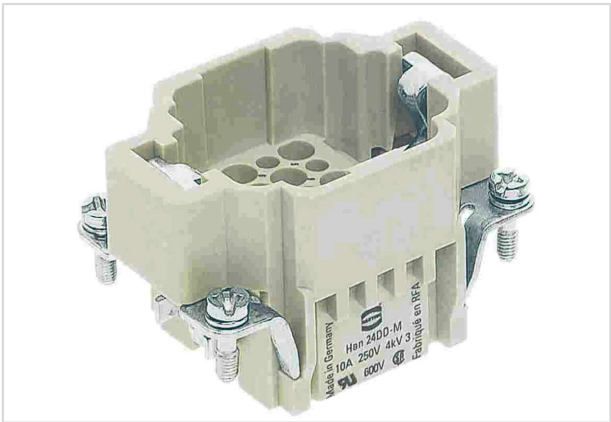


Image is for illustration purposes only. Please refer to product description.

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| Part number        | 09 16 024 3001                                                                        |
| Specification      | Han 24DD-SMC-MI-CRT                                                                   |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09160243001">https://b2b.harting.com/09160243001</a> |

## Identification

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

## Version

|                    |                                         |
|--------------------|-----------------------------------------|
| Termination method | Crimp termination                       |
| Gender             | Male                                    |
| Size               | 6 B                                     |
| Number of contacts | 24                                      |
| 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                                   |
| 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                     | 38 g                                              |
| Country of origin              | Romania                                           |
| European customs tariff number | 85389099                                          |
| GTIN                           | 5713140023727                                     |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |