

# Han 42DD-HMC-M-c



| Part number        | 09 16 242 3001                      |
|--------------------|-------------------------------------|
| Specification      | Han 42DD-HMC-M-c                    |
| HARTING eCatalogue | https://b2b.harting.com/09162423001 |
|                    |                                     |
| Identification     |                                     |
| Category           | Inserts                             |
| Series             | Han DD <sup>®</sup> HMC             |

## Version

| Termination method | Crimp termination                       |
|--------------------|---|
| Gender             | Male                                    |
| Size               | 10 B                                    |
| Number of contacts | 42                                      |
| 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 with other HMC components | ≥10,000             |

# Material properties

| Material (insert)                         | Polycarbonate          |
|---|------------------------|
| Colour (insert)                           | RAL 7032 (pebble grey) |
| Material flammability class acc. to UL 94 | V-0                    |
| RoHS                                      | compliant              |

Page 1 / 2 | Creation date 2019-01-25 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electric GmbH & Co. KG | Wilhelm-Harting-Straße 1 | 32339 Espelkamp | Germany Phone +49 5772 47-97100 | electric@HARTING.com | www.HARTING.com



## Material properties

| ELV status                  | compliant |
|-----------------------------|-----------|
| China RoHS                  | e         |
| REACH Annex XVII substances | No        |
| REACH ANNEX XIV substances  | No        |
| REACH SVHC substances       | No        |

## Specifications and approvals

| Specifications | EN 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                     | 43.4 g   |
| Country of origin              | Germany  |
| European customs tariff number | 85389099 |