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# Han 24DD-HMC-F-c

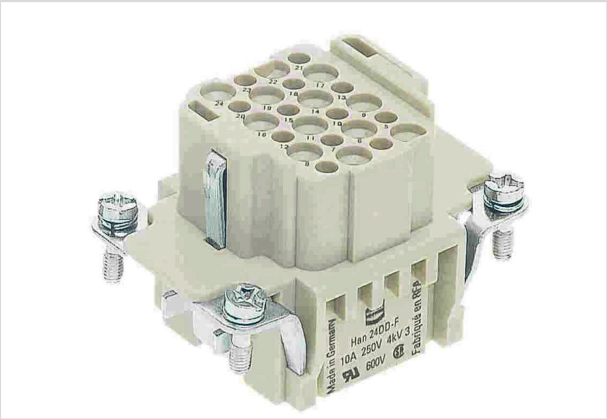



Image is for illustration purposes only. Please refer to product description.

| | |
|---|---|
| Part number | 09 16 224 3101 |
| Specification | Han 24DD-HMC-F-c |
| HARTING eCatalogue | https://harting.com/09162243101 |

## Identification

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

## Version

| | |
|---|---|
| Termination method | Crimp termination |
| Gender | Female |
| Size | 6 B |
| Number of contacts | 24 |
| PE contact | Yes |
| Details | Please order crimp contacts separately. |

## Technical characteristics

| | |
|---|---|
| Conductor cross-section (mm²) | 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 | $>10^{10}$ 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 | ≥10,000 |
| Note on the mating cycles | Mating cycles with other HMC components |

## 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 | 40.48 g |
| Country of origin | Germany |
| European customs tariff number | 85366990 |
| GTIN | 5713140023994 |
| eCl@ss | 27440205 Contact insert for industrial connectors |
| ETIM | EC000438 |


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## Commercial data

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| UNSPSC 24.0 | 39121522 |


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