

Han 42DD-SMC-FI-CRT



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

| | |
|--------------------|---|
| Part number | 09 16 042 3101 |
| Specification | Han 42DD-SMC-FI-CRT |
| HARTING eCatalogue | https://harting.com/09160423101 |

Identification

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

Version

| | |
|--------------------|---|
| Termination method | Crimp termination |
| Gender | Female |
| 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 mm ² |
| 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 PH2 |



Pushing Performance
Since 1945

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) |
| Requirement set with Hazard Levels | R22 (HL 1-3) R23 (HL 1-3) |

Specifications and approvals

| | |
|----------------|--|
| Specifications | IEC 60664-1 IEC 61984 |
| UL / CSA | UL 1977 ECBT2.E235076 CSA-C22.2 No. 182.3 ECBT8.E235076 |
| Approvals | DNV GL |

Commercial data

| | |
|--------------------------------|---|
| Packaging size | 1 |
| Net weight | 20 g |
| Country of origin | Romania |
| European customs tariff number | 85366990 |
| GTIN | 5713140023819 |
| eCl@ss | 27440205 Contact insert for industrial connectors |
| ETIM | EC000438 |
| UNSPSC 24.0 | 39121522 |