

## Han 10E HMC-F-c

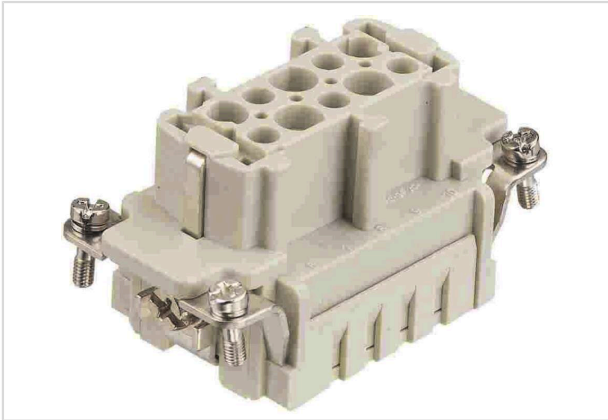


Image is for illustration purposes only. Please refer to product description.

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 33 210 2702                                                                |
| Specification      | Han 10E HMC-F-c                                                               |
| HARTING eCatalogue | <a href="https://harting.com/09332102702">https://harting.com/09332102702</a> |

### Identification

|          |                        |
|----------|------------------------|
| Category | Inserts                |
| Series   | Han E <sup>®</sup> HMC |

### Version

|                    |                                         |
|--------------------|-----------------------------------------|
| Termination method | Crimp termination                       |
| Gender             | Female                                  |
| Size               | 10 B                                    |
| Number of contacts | 10                                      |
| PE contact         | Yes                                     |
| Details            | Please order crimp contacts separately. |

### Technical characteristics

|                               |                            |
|-------------------------------|----------------------------|
| Conductor cross-section       | 0.14 ... 4 mm <sup>2</sup> |
| Conductor cross-section [AWG] | AWG 26 ... AWG 12          |
| Rated current                 | 16 A                       |
| Rated voltage                 | 500 V                      |
| Rated impulse voltage         | 6 kV                       |
| Pollution degree              | 3                          |
| Insulation resistance         | >10 <sup>10</sup> Ω        |
| Tightening torque             | 1.2 Nm PE screw M4         |
| Recommended screw driver      | Slotted 0.8 x 4.5<br>PH2   |
| Limiting temperature          | -40 ... +125 °C            |



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## Technical characteristics

|                           |                                         |
|---------------------------|-----------------------------------------|
| Mating cycles             | ≥10,000                                 |
| Note on the mating cycles | Mating cycles with other HMC components |

## Material properties

|                                           |                                     |
|-------------------------------------------|-------------------------------------|
| Material (insert)                         | Polycarbonate (PC)                  |
| 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) + 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>UL 2237 PVVA2.E318390<br>CSA-C22.2 No. 182.3 PVVA8.E318390 |
| Approvals      | DNV GL                                                                              |

## Commercial data

|                                |                                                   |
|--------------------------------|---------------------------------------------------|
| Packaging size                 | 1                                                 |
| Net weight                     | 47.62 g                                           |
| Country of origin              | Germany                                           |
| European customs tariff number | 85366990                                          |
| GTIN                           | 5713140052505                                     |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |
| ETIM                           | EC000438                                          |



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UNSPSC 24.0

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