

# Han-Eco Mod.20E-SMC-FI-SCT

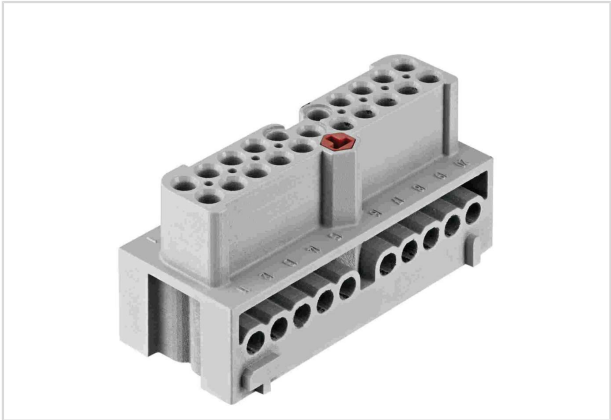


Image is for illustration purposes only. Please refer to product description.

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 19 41 020 2701                                                                |
| Specification      | Han-Eco Mod.20E-SMC-FI-SCT                                                    |
| HARTING eCatalogue | <a href="https://harting.com/19410202701">https://harting.com/19410202701</a> |

## Identification

|          |          |
|----------|----------|
| Category | Inserts  |
| Series   | Han-Eco® |

## Version

|                      |                   |
|----------------------|-------------------|
| Termination method   | Screw termination |
| Gender               | Female            |
| Size                 | 16 B              |
| With wire protection | Yes               |
| Number of contacts   | 20                |
| PE contact           | Yes               |

## Technical characteristics

|                               |                          |
|-------------------------------|--------------------------|
| Conductor cross-section (mm²) | 0.75 ... 2.5 mm²         |
| Rated current                 | 16 A                     |
| Rated voltage                 | 500 V                    |
| Rated impulse voltage         | 6 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      |
| Tightening torque             | 0.5 Nm Fixing screws M3  |
| Recommended screw driver      | Slotted 0.6 x 3.5<br>PH2 |



**Pushing Performance**  
Since 1945

## Technical characteristics

|                      |                 |
|----------------------|-----------------|
| Limiting temperature | -40 ... +125 °C |
| Mating cycles        | ≥500            |

## Material properties

|                                           |                                                        |
|-------------------------------------------|--------------------------------------------------------|
| Material (insert)                         | Polycarbonate (PC)                                     |
| Colour (insert)                           | RAL 7032 (pebble grey)                                 |
| Material (contacts)                       | Copper alloy                                           |
| Surface (contacts)                        | Silver plated                                          |
| Material flammability class acc. to UL 94 | V-0                                                    |
| RoHS                                      | compliant with exemption                               |
| RoHS exemptions                           | 6(c): Copper alloy containing up to 4 % lead by weight |
| ELV status                                | compliant with exemption                               |
| China RoHS                                | 50                                                     |
| REACH Annex XVII substances               | Not contained                                          |
| REACH ANNEX XIV substances                | Not contained                                          |
| REACH SVHC substances                     | Yes                                                    |
| REACH SVHC substances                     | Lead                                                   |
| ECHA SCIP number                          | 5dbb3851-b94e-4e88-97a1-571845975242                   |
| 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)                           |

## Commercial data

|                                |                                                   |
|--------------------------------|---------------------------------------------------|
| Packaging size                 | 1                                                 |
| Net weight                     | 80 g                                              |
| Country of origin              | Romania                                           |
| European customs tariff number | 85366990                                          |
| GTIN                           | 5713140131118                                     |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |
| ETIM                           | EC000438                                          |
| UNSPSC 24.0                    | 39121522                                          |