

# Han 16ES Press - F



| Part number        | 09 33 016 2748                      |
|--------------------|-------------------------------------|
| Specification      | Han 16ES Press - F                  |
| HARTING eCatalogue | https://b2b.harting.com/09330162748 |

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

#### Identification

| Category | Inserts                   |
|----------|---------------------------|
| Series   | Han <sup>®</sup> ES Press |

# Version

| Termination method | Cage-clamp termination                                  |
|--------------------|---|
| Gender             | Female  |
| Size               | 16 B  |
| Number of contacts | 16  |
| PE contact         | Yes   |
| Details            | Blue slide<br>for hoods/housings high construction only |

# Technical characteristics

| Conductor cross-section   | 0.14 2.5 mm²        |
|---------------------------|---------------------|
| Conductor cross-section   | AWG 26 AWG 14       |
| 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 |
| Contact resistance        | ≤3 mΩ               |

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#### Technical characteristics

| Stripping length     | 9 11 mm     |
|----------------------|-------------|
| 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               | No  |
| REACH ANNEX XIV substances                | No  |
| REACH SVHC substances                     | Yes   |
| REACH SVHC substances                     | Lead<br>Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate |
| ECHA SCIP number                          | 5dbb3851-b94e-4e88-97a1-571845975242                              |
| California Proposition 65 substances      | Yes   |
| California Proposition 65 substances      | Nickel<br>Lead  |

### 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        | 105.84 g |
| Country of origin | Germany  |

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Commercial data

European customs tariff number

eCl@ss

85366990

27440205 Contact insert for industrial connectors

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