

## Han 16A-F-s (33-48) wire protection

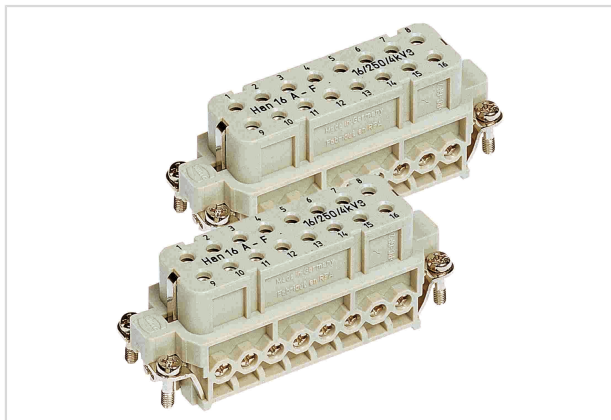


Image is for illustration purposes only. Please refer to product description.

|                    |   |
|--------------------|---|
| Part number        | 09 20 016 2816  |
| Specification      | Han 16A-F-s (33-48) wire protection   |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09200162816">https://b2b.harting.com/09200162816</a> |

### Identification

|               |                    |
|---------------|--------------------|
| Category      | Inserts            |
| Series        | Han A <sup>®</sup> |
| Specification | Continuing marking |

### Version

|                        |   |
|------------------------|---|
| Termination method     | Screw termination                             |
| Gender                 | Female  |
| Size                   | 32 A  |
| With wire protection   | Yes   |
| Number of contacts     | 32  |
| PE contact             | Yes   |
| Contact identification | 33 ... 48                                     |
| Details                | You need two inserts for a complete assembly! |

### Technical characteristics

|                          |                              |
|--------------------------|------------------------------|
| Conductor cross-section  | 0.75 ... 2.5 mm <sup>2</sup> |
| Rated current            | 16 A                         |
| Rated voltage            | 250 V                        |
| Rated impulse voltage    | 4 kV                         |
| Pollution degree         | 3                            |
| Rated voltage acc. to UL | 600 V                        |
| Insulation resistance    | >10 <sup>10</sup> Ω          |
| Contact resistance       | ≤1 mΩ                        |



Pushing Performance

## Technical characteristics

|                      |                 |
|----------------------|-----------------|
| Tightening torque    | 0.5 Nm          |
| 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   |
| ECHA SCIP number                          | 564b7d75-7bf6-4cfb-acb1-2168eb61b675                   |

## Specifications and approvals

|                |                         |
|----------------|-------------------------|
| Specifications | EN 60664-1<br>IEC 61984 |
| Approvals      | DNV GL                  |
| UL / CSA       | UL 1977 ECBT2.E235076   |

## Commercial data

|                                |   |
|--------------------------------|---|
| Packaging size                 | 1   |
| Net weight                     | 67.6 g  |
| Country of origin              | Germany   |
| European customs tariff number | 85366990  |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |