

## Han 16Ex-UL-F-s

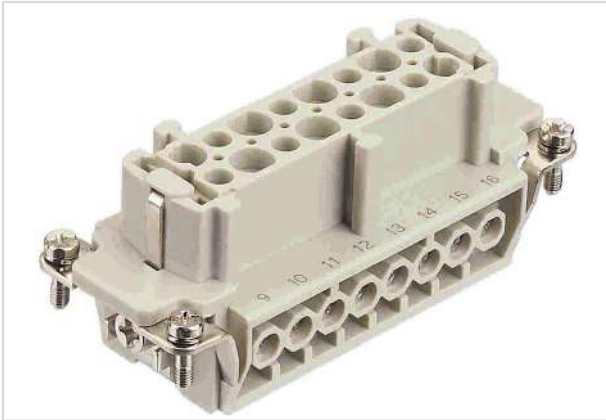


Image is for illustration purposes only. Please refer to product description.

|                    |   |
|--------------------|---|
| Part number        | 09 36 516 2701  |
| Specification      | Han 16Ex-UL-F-s   |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09365162701">https://b2b.harting.com/09365162701</a> |

### Identification

|          |                     |
|----------|---------------------|
| Category | Inserts             |
| Series   | Han <sup>®</sup> Ex |

### Version

|                    |   |
|--------------------|---|
| Termination method | Screw termination   |
| Gender             | Female  |
| Size               | 16 B  |
| Number of contacts | 16  |
| PE contact         | Yes   |
| Details            | for US purposes only  |
| Details            | ATTENTION! Only to be used with Han <sup>®</sup> Ex hoods and housings! |

### Technical characteristics

|                         |                              |
|-------------------------|------------------------------|
| Conductor cross-section | 0.75 ... 2.5 mm <sup>2</sup> |
| Rated current           | 16 A                         |
| Rated voltage           | 90 V                         |
| Insulation resistance   | >10 <sup>10</sup> Ω          |
| Contact resistance      | ≤1 mΩ                        |
| Tightening torque       | 0.5 Nm                       |
| Limiting temperature    | -20 ... +40 °C               |
| Mating cycles           | ≥500                         |



Pushing Performance  
Since 1945

## 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   |
| California Proposition 65 substances      | Yes  |
| California Proposition 65 substances      | Lead<br>Nickel   |

## Specifications and approvals

|          |   |
|----------|---|
| UL / CSA | UL CYJX2.E482115<br>CSA-C22.2 No. 213 CYJX8.E482115 |
|----------|---|

## Commercial data

|                                |   |
|--------------------------------|---|
| Packaging size                 | 1   |
| Net weight                     | 91.4 g  |
| Country of origin              | Germany   |
| European customs tariff number | 85366990  |
| GTIN                           | 5713140186934                                     |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |