

## Han 16Ex-M-s

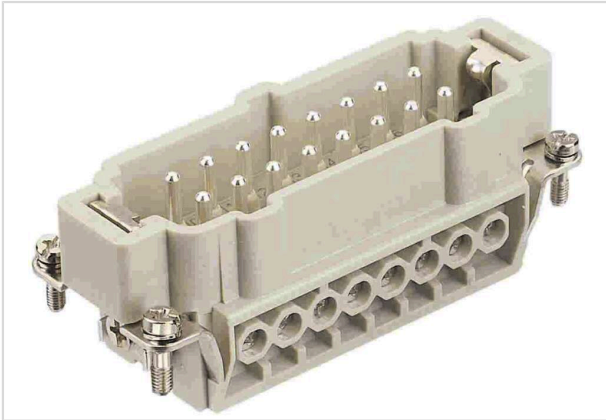


Image is for illustration purposes only. Please refer to product description.

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| Part number        | 09 36 016 2601                                                                        |
| Specification      | Han 16Ex-M-s                                                                          |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09360162601">https://b2b.harting.com/09360162601</a> |

### Identification

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

### Version

|                    |                                                                         |
|--------------------|-------------------------------------------------------------------------|
| Termination method | Screw termination                                                       |
| Gender             | Male                                                                    |
| Size               | 16 B                                                                    |
| Number of contacts | 16                                                                      |
| PE contact         | Yes                                                                     |
| 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                         |

### Material properties

|                   |                    |
|-------------------|--------------------|
| Material (insert) | Polycarbonate (PC) |
|-------------------|--------------------|



Pushing Performance  
Since 1945

## Material properties

|                                           |                                                        |
|-------------------------------------------|--------------------------------------------------------|
| 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                          | 60b1a572-bb3f-476f-9307-b7d1688bd90c                   |
| California Proposition 65 substances      | Yes                                                    |
| California Proposition 65 substances      | Lead<br>Nickel                                         |
| Fire protection on railway vehicles       | EN 45545-2 (2020-08)                                   |
| Requirement set with Hazard Levels        | R22 (HL 1-3)<br>R23 (HL 1-3)                           |

## Commercial data

|                                |                                                   |
|--------------------------------|---------------------------------------------------|
| Packaging size                 | 1                                                 |
| Net weight                     | 86.6 g                                            |
| Country of origin              | Germany                                           |
| European customs tariff number | 85366990                                          |
| GTIN                           | 5713140054929                                     |
| ETIM                           | EC000438                                          |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |