

# Han 16Ex-M-s



| Part number        | 09 36 016 2601                  |
|--------------------|---------------------------------|
| Specification      | Han 16Ex-M-s                    |
| HARTING eCatalogue | https://harting.com/09360162601 |

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

#### 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            | Simple Apparatus for intrinsically safe circuits                        |
| Details            | ATTENTION! Only to be used with Han <sup>®</sup> Ex hoods and housings! |

# Technical characteristics

| Conductor cross-section  | 0.75 2.5 mm²                                  |
|--------------------------|---|
| Rated current            | 16 A  |
| Rated voltage            | 90 V  |
| Insulation resistance    | >10 <sup>10</sup> Ω                           |
| Contact resistance       | ≤1 mΩ   |
| Tightening torque        | 0.5 Nm Fixing screws M3 1.2 Nm PE screw M4    |
|                          |   |
| Recommended screw driver | Slotted 0.6 x 3.5<br>Slotted 0.8 x 4.5<br>PH2 |

Page 1 / 2 | Creation date 2025-10-07 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.

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#### Technical characteristics

| Note on the limiting temperature | Up to +70 °C in T4 |
|----------------------------------|--------------------|
| 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                          | 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                     | 8 g   |
| Country of origin              | Germany   |
| European customs tariff number | 85366990  |
| GTIN                           | 5713140054929                                     |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |
| ETIM                           | EC000438  |
| UNSPSC 24.0                    | 39121522  |

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