

# Han 6Ex-M-s

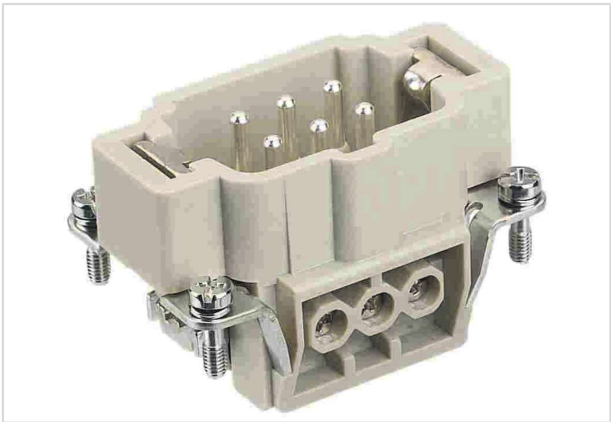


Image is for illustration purposes only. Please refer to product description.

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 36 006 2601                                                                |
| Specification      | Han 6Ex-M-s                                                                   |
| HARTING eCatalogue | <a href="https://harting.com/09360062601">https://harting.com/09360062601</a> |

## Identification

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

## Version

|                    |                                                                         |
|--------------------|-------------------------------------------------------------------------|
| Termination method | Screw termination                                                       |
| Gender             | Male                                                                    |
| Size               | 6 B                                                                     |
| Number of contacts | 6                                                                       |
| 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 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 Fixing screws M3<br>1.2 Nm PE screw M4 |
| Recommended screw driver | Slotted 0.6 x 3.5<br>Slotted 0.8 x 4.5<br>PH2 |
| Limiting temperature     | -20 ... +40 °C                                |



**Pushing Performance**  
Since 1945

## 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                                                   |
| 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                     | 50 g                                              |
| Country of origin              | Germany                                           |
| European customs tariff number | 85366990                                          |
| GTIN                           | 5713140054783                                     |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |
| ETIM                           | EC000438                                          |
| UNSPSC 24.0                    | 39121522                                          |