

## Han 6HsB-M-S

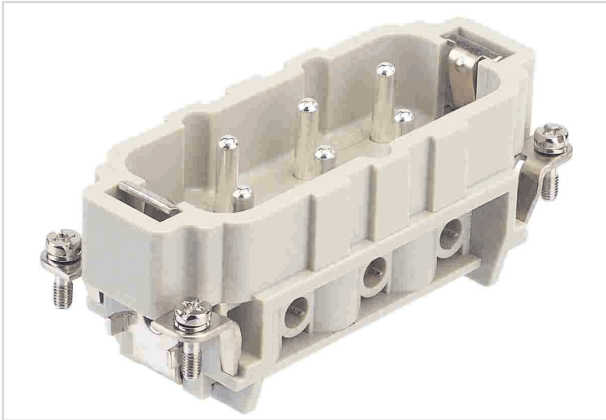


Image is for illustration purposes only. Please refer to product description.

|                    |   |
|--------------------|---|
| Part number        | 09 31 006 2601  |
| Specification      | Han 6HsB-M-S  |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09310062601">https://b2b.harting.com/09310062601</a> |

### Identification

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

### Version

|                      |                   |
|----------------------|-------------------|
| Termination method   | Screw termination |
| Gender               | Male              |
| Size                 | 16 B              |
| With wire protection | Yes               |
| Number of contacts   | 6                 |
| PE contact           | Yes               |

### Technical characteristics

|                                   |                           |
|-----------------------------------|---------------------------|
| Conductor cross-section           | 1.5 ... 6 mm <sup>2</sup> |
| Rated current                     | 35 A                      |
| Rated voltage conductor-earth     | 400 V                     |
| Rated voltage conductor-conductor | 690 V                     |
| Rated impulse voltage             | 6 kV                      |
| Pollution degree                  | 3                         |
| Rated voltage acc. to UL          | 600 V                     |
| Rated voltage acc. to CSA         | 600 V                     |
| Insulation resistance             | >10 <sup>10</sup> Ω       |
| Contact resistance                | ≤1 mΩ                     |
| Stripping length                  | 11.5 mm                   |

## Technical characteristics

|                      |                         |
|----------------------|-------------------------|
| Tightening torque    | 0.5 Nm Fixing screws M3 |
|                      | 1.2 Nm Contact screw M4 |
|                      | 2 Nm PE screw M5        |
| 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               | Not contained  |
| REACH ANNEX XIV substances                | Not contained  |
| REACH SVHC substances                     | Yes  |
| REACH SVHC substances                     | Lead   |
| ECHA SCIP number                          | 5dbb3851-b94e-4e88-97a1-571845975242                   |
| 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)                           |

## Specifications and approvals

|                |  |
|----------------|--|
| Specifications | IEC 60664-1<br>IEC 61984   |
|                | UL 1977 ECBT2.E235076<br>CSA-C22.2 No. 182.3 ECBT8.E235076<br>UL 2237 PVVA2.E318390<br>CSA-C22.2 No. 182.3 PVVA8.E318390 |
| UL / CSA       |  |



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## Commercial data

|                                |   |
|--------------------------------|---|
| Packaging size                 | 1   |
| Net weight                     | 82.42 g   |
| Country of origin              | Romania   |
| European customs tariff number | 85366990  |
| GTIN                           | 5713140048874                                     |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |