

# Han ES AV Pos. 6 Insert Term. Block righ

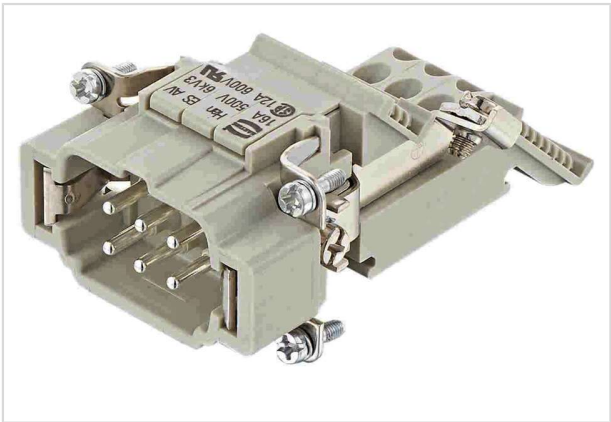


Image is for illustration purposes only. Please refer to product description.

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 33 006 4639                                                                |
| Specification      | Han ES AV Pos. 6 Insert Term. Block righ                                      |
| HARTING eCatalogue | <a href="https://harting.com/09330064639">https://harting.com/09330064639</a> |

## Identification

|               |                                           |
|---------------|-------------------------------------------|
| Category      | Inserts                                   |
| Series        | Han <sup>®</sup> ES AV                    |
| Element       | Terminal block connector                  |
| Specification | Right hand version<br>Single contour (SK) |

## Version

|                    |                        |
|--------------------|------------------------|
| Termination method | Cage-clamp termination |
| Gender             | Male                   |
| Size               | 6 B                    |
| Number of contacts | 6                      |
| PE contact         | Yes                    |

## Technical characteristics

|                           |                              |
|---------------------------|------------------------------|
| Conductor cross-section   | 0.14 ... 2.5 mm <sup>2</sup> |
| Rated current             | 16 A                         |
| Rated voltage             | 500 V                        |
| Rated impulse voltage     | 6 kV                         |
| Pollution degree          | 3                            |
| Rated current acc. to UL  | 12 A                         |
| Rated voltage acc. to UL  | 600 V                        |
| Rated current acc. to CSA | 12 A                         |
| Insulation resistance     | >10 <sup>10</sup> Ω          |



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## Technical characteristics

|                          |                                                    |
|--------------------------|----------------------------------------------------|
| Contact resistance       | ≤4 mΩ                                              |
| Tightening torque        | 0.5 Nm Contact screw M3<br>0.5 Nm Fixing screws M3 |
| Recommended screw driver | Slotted 0.5 x 3<br>Slotted 0.6 x 3.5<br>PH2        |
| 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                                                   |
| 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 / CSA       | UL 1977 ECBT2.E235076    |
| Approvals      | DNV GL                   |



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## Commercial data

|                                |                                                   |
|--------------------------------|---------------------------------------------------|
| Packaging size                 | 1                                                 |
| Net weight                     | 77.66 g                                           |
| Country of origin              | Romania                                           |
| European customs tariff number | 85366990                                          |
| GTIN                           | 5713140050921                                     |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |
| ETIM                           | EC000438                                          |
| UNSPSC 24.0                    | 39121522                                          |