

## Han ES AV Pos. 10 Insert Term. Block rig



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

|                    |   |
|--------------------|---|
| Part number        | 09 33 010 4639  |
| Specification      | Han ES AV Pos. 10 Insert Term. Block rig  |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09330104639">https://b2b.harting.com/09330104639</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               | 10 B                   |
| Number of contacts | 10                     |
| 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           |
| 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                   |

## Commercial data

|                   |         |
|-------------------|---------|
| Packaging size    | 1       |
| Net weight        | 125 g   |
| Country of origin | Romania |



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## Commercial data

|                                |   |
|--------------------------------|---|
| European customs tariff number | 85366990  |
| GTIN                           | 5713140051201                                     |
| ETIM                           | EC000438  |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |