



Pushing Performance  
Since 1945

# Han E AV 16 Pos. M Insert Term Block Rig



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 33 016 4635                                                                |
| Specification      | Han E AV 16 Pos. M Insert Term Block Rig                                      |
| HARTING eCatalogue | <a href="https://harting.com/09330164635">https://harting.com/09330164635</a> |

## Identification

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

## Version

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

## Technical characteristics

|                                            |                             |
|--------------------------------------------|-----------------------------|
| Conductor cross-section (mm <sup>2</sup> ) | 0.2 ... 2.5 mm <sup>2</sup> |
| Rated current                              | 16 A                        |
| Rated voltage                              | 500 V                       |
| Rated impulse voltage                      | 6 kV                        |
| Pollution degree                           | 3                           |
| Rated voltage acc. to UL                   | 600 V                       |
| Insulation resistance                      | >10 <sup>10</sup> Ω         |
| Contact resistance                         | ≤4 mΩ                       |



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## Technical characteristics

|                          |                         |
|--------------------------|-------------------------|
| Tightening torque        | 0.5 Nm Contact screw M3 |
|                          | 0.5 Nm Fixing screws M3 |
| Recommended screw driver | Slotted 0.5 x 3         |
|                          | Slotted 0.6 x 3.5       |
|                          | 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                                                   |
| 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) + A1 (2023-10)                    |
| Requirement set with Hazard Levels        | R22 (HL 1-3)                                           |
|                                           | R23 (HL 1-3)                                           |

## Specifications and approvals

|                |                       |
|----------------|-----------------------|
| Specifications | IEC 60664-1           |
|                | IEC 61984             |
| UL / CSA       | UL 1977 ECBT2.E235076 |
| Approvals      | DNV GL                |



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## Commercial data

|                                |                                                   |
|--------------------------------|---------------------------------------------------|
| Packaging size                 | 1                                                 |
| Net weight                     | 173 g                                             |
| Country of origin              | Romania                                           |
| European customs tariff number | 85366990                                          |
| GTIN                           | 5713140051621                                     |
| eCl@ss                         | 27440205 Contact insert for industrial connectors |
| ETIM                           | EC000438                                          |
| UNSPSC 24.0                    | 39121522                                          |