

## Han® S-HA (16mm)-black



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 93 001 0501                                                                |
| Specification      | Han® S-HA (16mm)-black                                                        |
| HARTING eCatalogue | <a href="https://harting.com/09930010501">https://harting.com/09930010501</a> |

### Identification

|                             |                  |
|-----------------------------|------------------|
| Category                    | Hoods / Housings |
| Series                      | Han® S           |
| Identification              | Han® S 200       |
| Type of hood/housing        | Hood             |
| Description of hood/housing | Angled           |

### Version

|                      |                                                                                   |
|----------------------|-----------------------------------------------------------------------------------|
| Number of contacts   | 1                                                                                 |
| Locking type         | Single locking lever                                                              |
| Field of application | Energy Storage Systems                                                            |
| Details              | Please order crimp contacts separately.<br>Please order rubber sleeve separately. |

### Technical characteristics

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| Conductor cross-section (mm²)    | 25 ... 50 mm²                                  |
| Conductor cross-section (AWG)    | AWG 4 ... AWG 1/0                              |
| Rated current                    | 200 A                                          |
| Rated voltage                    | 1,500 V                                        |
| Rated impulse voltage            | 8 kV                                           |
| Pollution degree                 | 2                                              |
| Insulation resistance            | >10 <sup>8</sup> Ω                             |
| Limiting temperature             | -40 ... +125 °C                                |
| Note on the limiting temperature | For use as a connector according to IEC 61984. |



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## Technical characteristics

|                                        |                                                                       |
|----------------------------------------|-----------------------------------------------------------------------|
| Number of relockings                   | ≥500                                                                  |
| Degree of protection acc. to IEC 60529 | IP40 mated condition<br>IP20 unmated condition (1500 V DC; 1000 V AC) |

## Material properties

|                                           |                                     |
|-------------------------------------------|-------------------------------------|
| Material (hood/housing)                   | Polyamide (PA)                      |
| Colour (hood/housing)                     | RAL 9005 (jet black)                |
| Material flammability class acc. to UL 94 | V-0                                 |
| RoHS                                      | compliant                           |
| ELV status                                | compliant                           |
| China RoHS                                | e                                   |
| REACH Annex XVII substances               | Not contained                       |
| REACH ANNEX XIV substances                | Not contained                       |
| REACH SVHC substances                     | Not contained                       |
| California Proposition 65 substances      | Not contained                       |
| Fire protection on railway vehicles       | EN 45545-2 (2020-08) + A1 (2023-10) |
| Requirement set with Hazard Levels        | R22 (HL 1-3)<br>R23 (HL 1-3)        |

## Specifications and approvals

|                |                                                |
|----------------|------------------------------------------------|
| Specifications | IEC 60664-1<br>IEC 61984<br>UL 4128<br>UL 1977 |
| Approvals      | CE                                             |

## Commercial data

|                                |                                          |
|--------------------------------|------------------------------------------|
| Packaging size                 | 1                                        |
| Net weight                     | 20.5 g                                   |
| Country of origin              | China                                    |
| European customs tariff number | 85389099                                 |
| GTIN                           | 5713140183612                            |
| eCl@ss                         | 27440202 Shell for industrial connectors |
| ETIM                           | EC000437                                 |
| UNSPSC 24.0                    | 39121466                                 |