

## Han® S 120 HBM w. MC M6 black UP



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

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Part number        | 09 93 001 1321                                                                |
| Specification      | Han® S 120 HBM w. MC M6 black UP                                              |
| HARTING eCatalogue | <a href="https://harting.com/09930011321">https://harting.com/09930011321</a> |

### Identification

|                             |                                                                          |
|-----------------------------|--------------------------------------------------------------------------|
| Category                    | Hoods / Housings                                                         |
| Series                      | Han® S                                                                   |
| Identification              | Han® S 120                                                               |
| Type of hood/housing        | Bulkhead mounted housing                                                 |
| Description of hood/housing | incl. male contact with M6 bolt termination<br>With unlocking protection |

### Version

|                      |                        |
|----------------------|------------------------|
| Number of contacts   | 1                      |
| Locking type         | Single locking lever   |
| Field of application | Energy Storage Systems |

### Technical characteristics

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| Rated current                    | 120 A                                          |
| Rated voltage                    | 1,500 V                                        |
| Rated impulse voltage            | 8 kV                                           |
| Pollution degree                 | 2                                              |
| Insulation resistance            | $>10^8 \Omega$                                 |
| Contact resistance               | $\leq 0.3 \text{ m}\Omega$                     |
| Tightening torque                | 4 Nm                                           |
| Limiting temperature             | -40 ... +125 °C                                |
| Note on the limiting temperature | For use as a connector according to IEC 61984. |
| Number of relockings             | $\geq 500$                                     |



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## Technical characteristics

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

## Material properties

|                                           |                              |
|-------------------------------------------|------------------------------|
| Material (contacts)                       | Copper alloy                 |
| Surface (contacts)                        | Silver plated                |
| 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)         |
| 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                     | 25.4 g                                   |
| Country of origin              | China                                    |
| European customs tariff number | 85366990                                 |
| GTIN                           | 5713140183520                            |
| eCl@ss                         | 27440202 Shell for industrial connectors |
| ETIM                           | EC000437                                 |



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## Commercial data

UNSPSC 24.0

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