

## Han® S 120 HSI w. MC M6 black SLV UP



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

|                    |   |
|--------------------|---|
| Part number        | 09 93 001 1125  |
| Specification      | Han® S 120 HSI w. MC M6 black SLV UP  |
| HARTING eCatalogue | <a href="https://b2b.harting.com/09930011125">https://b2b.harting.com/09930011125</a> |

### Identification

|                             |   |
|-----------------------------|---|
| Category                    | Hoods/Housings  |
| Series                      | Han® S  |
| Identification              | Han® S 120  |
| Type of hood/housing        | Screw mounted housing   |
| Description of hood/housing | incl. male contact with M6 bolt termination<br>With Tuflok® protection<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                       |
| Wrench size           | 9                          |
| Limiting temperature  | -40 ... +125 °C            |



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## Technical characteristics

|  |   |
|--|---|
| Note on the limiting temperature       | For use as a connector according to IEC 61984.                        |
| 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 (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                                    |
|                | EN 45545-2 Fire protection on railway vehicles |
|                | IEC 61984                                      |
|                | UL 1973  |
|                | UL 4128  |
|                | UL 9540  |
|                | UL 1977  |
| Approvals      | CE   |

## Commercial data

|                                |          |
|--------------------------------|----------|
| Packaging size                 | 1        |
| Net weight                     | 14.72 g  |
| Country of origin              | China    |
| European customs tariff number | 85366990 |



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## Commercial data

|        |  |
|--------|--|
| GTIN   | 5713140183469                            |
| ETIM   | EC000437                                 |
| eCl@ss | 27440202 Shell for industrial connectors |