

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



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

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

#### Identification

| Category                    | Hoods/Housings                              |
|-----------------------------|---|
| Series                      | Han <sup>®</sup> S                          |
| Identification              | Han <sup>®</sup> S 120                      |
| Type of hood/housing        | Screw mounted housing                       |
|                             | incl. male contact with M6 bolt termination |
| Description of hood/housing | With Tuflok® protection                     |
|                             | 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 <sup>8</sup> Ω |
| Contact resistance    | ≤0.3 mΩ            |
| Tightening torque     | 4 Nm               |
| Wrench size           | 9                  |
| Limiting temperature  | -40 +125 °C        |



#### 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                           |
|  | 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                                | е                            |
| 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  |
| CE             | Yes  |

#### Commercial data

| Packaging size                 | 1        |
|--------------------------------|----------|
| Net weight                     | 14.72 g  |
| Country of origin              | China    |
| European customs tariff number | 85389099 |

Page 2 / 3 | Creation date 2022-12-30 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application.

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Product data sheet 09 93 001 1125 Han® S 120 HSI w. MC M6 black SLV UP



## Commercial data

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