



Pushing Performance  
Since 1945

# Han® S 120 HSI w. MC M6 black SLV



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

|               |                                   |
|---------------|-----------------------------------|
| Part number   | 09 93 001 1105 XL                 |
| Specification | Han® S 120 HSI w. MC M6 black SLV |

## 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 |

## 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    |

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 (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 1-2)<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                 | 100                                      |
| Net weight                     | 14.55 g                                  |
| Country of origin              | China                                    |
| European customs tariff number | 85366990                                 |
| GTIN                           | 5713140860124                            |
| eCl@ss                         | 27440202 Shell for industrial connectors |
| ETIM                           | EC000437                                 |



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## Commercial data

UNSPSC 24.0

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