



Pushing Performance  
Since 1945

# Han® S 120 HBM w. MC M6 red



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

|               |                             |
|---------------|-----------------------------|
| Part number   | 09 93 001 1302 XL           |
| Specification | Han® S 120 HBM w. MC M6 red |

## 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 |

## 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                          |
|                                        | 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 3001 (signal red) |
| 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)          |
|                                           | R23 (HL 1-3)          |

## Specifications and approvals

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

## Commercial data

|                                |                                          |
|--------------------------------|------------------------------------------|
| Packaging size                 | 100                                      |
| Net weight                     | 22.72 g                                  |
| Country of origin              | China                                    |
| European customs tariff number | 85366990                                 |
| GTIN                           | 5713140860018                            |
| eCl@ss                         | 27440202 Shell for industrial connectors |
| ETIM                           | EC000437                                 |



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## Commercial data

UNSPSC 24.0

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