

# Han® S 120 HSI w. MC M6 blue



Part number	09 93 001 1108
Specification	Han® S 120 HSI w. MC M6 blue
HARTING eCatalogue	https://b2b.harting.com/09930011108

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
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 <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.
Number of relockings	≥500

Page 1 / 3 | Creation date 2023-06-16 | 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. HARTING Stiftung & Co. KG | Marienwerderstr. 3 | 32339 Espelkamp | Germany

Product data sheet 09 93 001 1108 Han® S 120 HSI w. MC M6 blue



## **Technical characteristics**

Degree of protection acc. to IEC 60529	IP40 mated condition
Degree of protection acc. to IEC 00529	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 5015 (sky blue)
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) R23 (HL 1-3)

## Specifications and approvals

	IEC 60664-1
	EN 45545-2 Fire protection on railway vehicles
	IEC 61984
Specifications	UL 1973
	UL 4128
	UL 9540
	UL 1977
CE	Yes

## Commercial data

Packaging size	1
Net weight	14.55 g
Country of origin	China
European customs tariff number	85389099
GTIN	5713140183391

Page 2 / 3 | Creation date 2023-06-16 | 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. HARTING Stiftung & Co. KG | Marienwerderstr. 3 | 32339 Espelkamp | Germany

Product data sheet 09 93 001 1108 Han® S 120 HSI w. MC M6 blue



Commercial data

eCl@ss

27440202 Shell for industrial connectors

Page 3 / 3 | Creation date 2023-06-16 | 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. HARTING Stiftung & Co. KG | Marienwerderstr. 3 | 32339 Espelkamp | Germany