

Han® S 120 HBM w. MC busbar black



Part number	09 93 001 1303
Specification	Han® S 120 HBM w. MC busbar black
HARTING eCatalogue	https://b2b.harting.com/09930011303

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

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 busbar 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 Ω
Contact resistance	≤0.3 mΩ
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	≥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



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

Surface (contacts)Silver platedMaterial (hood/housing)Polyamide (PA)Colour (hood/housing)RAL 9005 (jet black)Material flammability class acc. to UL 94V-0RoHScompliantELV statuscompliantChina RoHSeREACH Annex XVII substancesNot containedREACH ANNEX XIV substancesNot containedREACH SVHC substancesNot containedCalifornia Proposition 65 substancesNot containedEire protection on railway vehiclesEN 45545-2 (2020-08)	Material (contacts)	Copper alloy
Colour (hood/housing)RAL 9005 (jet black)Material flammability class acc. to UL 94V-0RoHScompliantELV statuscompliantChina RoHSeREACH Annex XVII substancesNot containedREACH ANNEX XIV substancesNot containedREACH SVHC substancesNot containedCalifornia Proposition 65 substancesNot contained	Surface (contacts)	Silver plated
Material flammability class acc. to UL 94V-0RoHScompliantELV statuscompliantChina RoHSeREACH Annex XVII substancesNot containedREACH ANNEX XIV substancesNot containedREACH SVHC substancesNot containedREACH SVHC substancesNot containedREACH SVHC substancesNot containedCalifornia Proposition 65 substancesNot contained	Material (hood/housing)	Polyamide (PA)
RoHScompliantELV statuscompliantChina RoHSeREACH Annex XVII substancesNot containedREACH ANNEX XIV substancesNot containedREACH SVHC substancesNot containedCalifornia Proposition 65 substancesNot contained	Colour (hood/housing)	RAL 9005 (jet black)
ELV statuscompliantChina RoHSeREACH Annex XVII substancesNot containedREACH ANNEX XIV substancesNot containedREACH SVHC substancesNot containedCalifornia Proposition 65 substancesNot contained	Material flammability class acc. to UL 94	V-0
China RoHSeREACH Annex XVII substancesNot containedREACH ANNEX XIV substancesNot containedREACH SVHC substancesNot containedCalifornia Proposition 65 substancesNot contained	RoHS	compliant
REACH Annex XVII substancesNot containedREACH ANNEX XIV substancesNot containedREACH SVHC substancesNot containedCalifornia Proposition 65 substancesNot contained	ELV status	compliant
REACH ANNEX XIV substances Not contained REACH SVHC substances Not contained California Proposition 65 substances Not contained	China RoHS	e
REACH SVHC substances Not contained California Proposition 65 substances Not contained	REACH Annex XVII substances	Not contained
California Proposition 65 substances Not contained	REACH ANNEX XIV substances	Not contained
	REACH SVHC substances	Not contained
Fire protection on railway vehicles EN 45545-2 (2020-08)	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)	Requirement set with Hazard Levels	

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	32.22 g
Country of origin	China
European customs tariff number	85389099
GTIN	5713140183551

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 1303 Han® S 120 HBM w. MC busbar black



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