E S6 A 100X100X80 - Empty enclosure

0899000

https://www.phoenixcontact.com/us/products/0899000

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Empty enclosure, material: Stainless steel, 316L/1.4404, surface resistance: brushed, silver-colored, 100 mm x 100 mm x 80 mm, type of locking: Screw-on cover, scope of supply - ATD: Fixing angle with mounting screws, M12 grounding bolts, affixed externally, Installation notes, Fixing angle with mounting screws

Your advantages

- Innovative product range of high-quality stainless steel housings as the basis for individual terminal boxes
- Reduced assembly and approval effort thanks to ready-equipped terminal boxes
- Flange plates possible on four sides of the housing, including seal protection
- Housing adjustments using threads, bore holes, and rectangular cutouts with consideration given to normative specifications

Commercial data

Item number	0899000
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BH91
Product key	BH9112
GTIN	4046356927581
Weight per piece (including packing)	2,914 g
Weight per piece (excluding packing)	2,161 g
Customs tariff number	94032080
Country of origin	DE

Technical data

Notes

Notes on operation	Prepared for direct installation of a DIN rail

Product properties

Product type	Terminal box
Scope of supply	Fixing angle with mounting screws
	M12 grounding bolts, affixed externally
	Installation notes

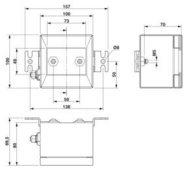
Insulation characteristics

Protection class	I

Electrical properties

Maximum power dissipation	3.7 W (T6 up to 40 °C)
	2.3 W (T6 up to 55 °C)
	1.3 W (T6 up to 65 °C)
	5.1 W (T5 up to 40 °C)
	3.7 W (T5 up to 55 °C)
	2.8 W (T5 up to 65 °C)
	6 W (T4 up to 40 °C)
	2.9 W (T4 up to 55 °C)
	3.7 W (T4 up to 65 °C)

Dimensions

Dimensional drawing	
Width	100 mm
Height	100 mm
Depth	80 mm
Clearance width, maximum DIN rail length	90 mm
Drill hole spacing	50 mm
Max. material thickness	1.5 mm

Material specifications

Color	silver-colored
Material	Stainless steel, 316L/1.4404
Seal material	Silicon
Surface characteristics	brushed

Note	240 grain

Mechanical properties

General

Type of locking (GRP)	Screw-on cover Allen screws

Technical data

Drill hole spacing	50 mm

Environmental and real-life conditions

Degree of protection (IP code)

Degree of protection	IP66

Ambient conditions

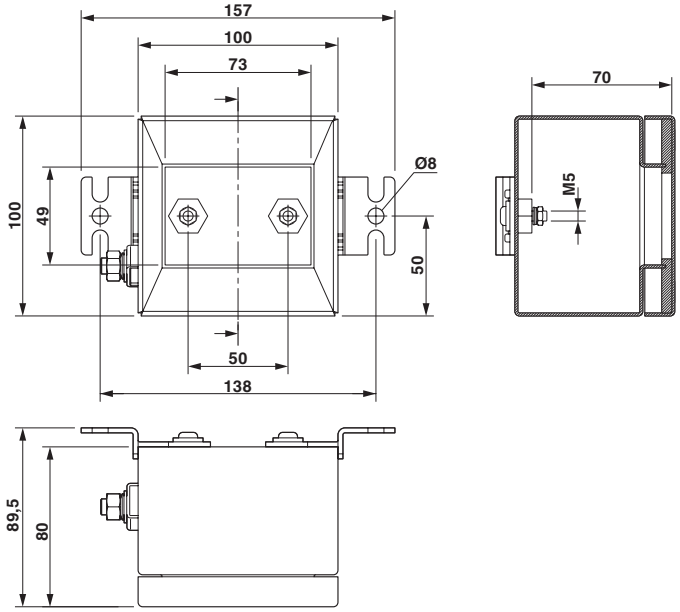
Ambient temperature (operation)	-55 °C ... 135 °C

Mounting

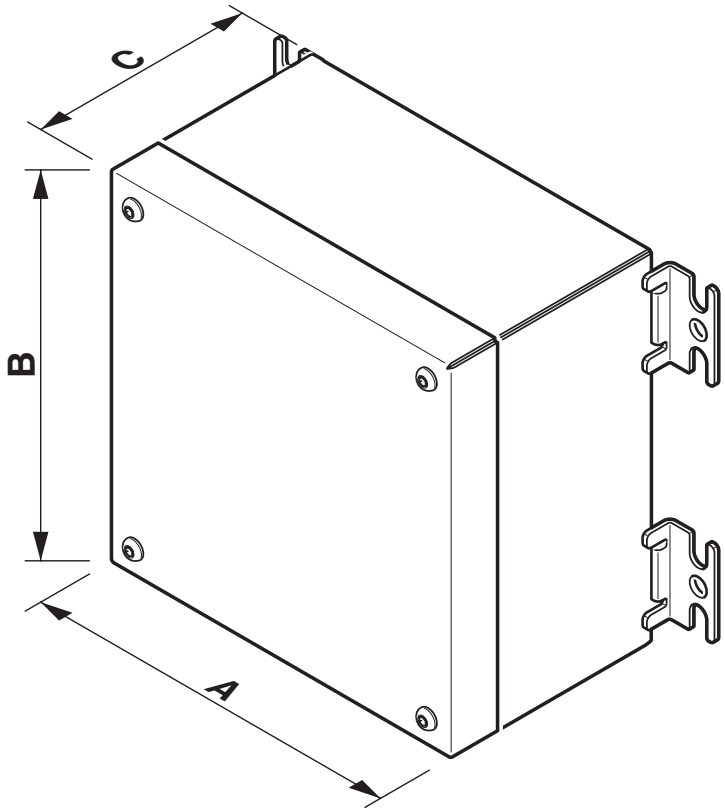
Assembly note	External fixing clips

Drawings

Dimensional drawing



Schematic diagram



Classifications

ECLASS

ECLASS-13.0	27180101
ECLASS-15.0	27180101

ETIM

ETIM 10.0	EC000261

UNSPSC

UNSPSC 21.0	31261500

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions

China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%

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