

DATA SHEET

Battery protection with NH01 fuse inserts

enwitec BAT FUSE B-01 W

Art.No. 10015462

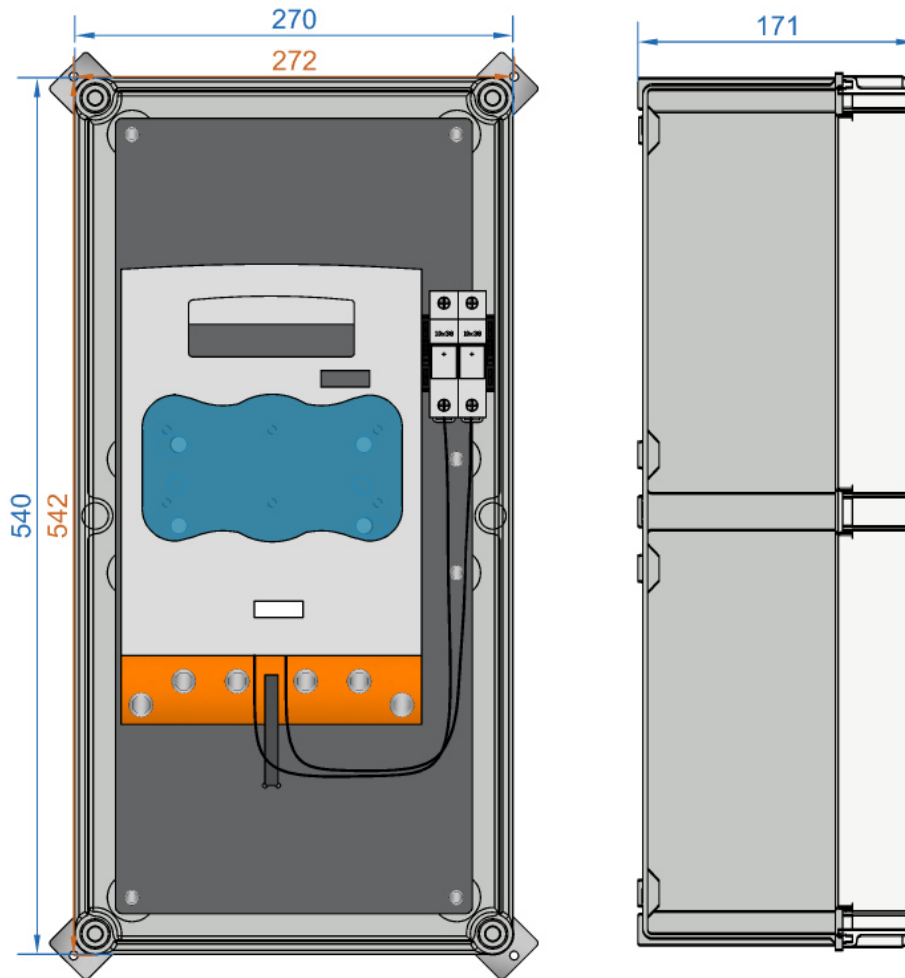
All values in [mm]

Dimensions

Fastening points

„blue“

„orange“



Minimum distances

top	300
bottom	300
lateral	100
front	1,200

SCOPE OF DELIVERY

Designation	Article-No.	Quantity	Comment
Installation instruction	10012071	1	
Wall mounting brackets	10011921	4	
Cable gland M32x1,5 (Ø 14-21mm)	10000739	6	
Cable gland M25x1,5 (Ø 9-16 mm)	10000738	6	
Double-membrane seal M32	10009190	6	
Double-membrane seal M25	10005760	6	
Locknut M32	10000724	6	
Locknut M25	10000723	6	
DC-fuse 10x38mm - 8A	10013494	2	

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TECHNICAL DATA

• applicable / - not applicable

NOMINAL VALUES

Rated voltage	[VDC]	12/24/48
Rated insulation voltage	[VDC]	800
Rated current of the circuit breaker depending on fuse insert	[A]	80...250
Rated voltage of the voltage tap	[VDC]	12/24/48
Rated current of the voltage tap	[A]	8

FUSE

Type		NH01
Permitted fuse inserts	[A]	80...250
Classification of the holder		Fuse switch disconnecter
Amount		2

CONNECTION BATTERY

Max. number of battery strings		2
<u>Cable entry</u>		
Cable glands (EN 62444)		M32
Clamping range (from - to)	[Ømm]	14 - 21
<u>Connections</u>		
Connection type		Screw connection M10
Max. width of the cable lug	[mm]	25
Max. wire cross-section (Cu)	[mm ²]	95
Conductor material		Kupfer
Tightening torque	[Nm]	16 - 20

CONNECTION SUNNY ISLAND CHARGER

Max. number of chargers		2
<u>Cable entry</u>		
Cable glands (EN 62444)		M25
Clamping range (from - to)	[Ømm]	9 - 16
<u>Connections</u>		
Connection type		Screw connection M8
Max. width of the cable lug	[mm]	16
Max. wire cross-section (Cu)	[mm ²]	16
Conductor material		Copper
Tightening torque	[Nm]	16 - 20

CONNECTION SUNNY ISLAND INVERTER

Max. number of inverters		1
<u>Cable entry</u>		
Cable glands (EN 62444)		M32
Clamping range (from - to)	[Ømm]	14 - 21
<u>Connections</u>		
Connection type		Screw connection M10
Max. width of the cable lug	[mm]	25
Max. wire cross-section (Cu)	[mm ²]	95
Conductor material		Copper
Tightening torque	[Nm]	24 - 28

CONNECTION BATTERY VOLTAGE TAP

Max. number of consumer circuits		1
<u>Cable entry</u>		
Cable glands (EN 62444)		M25
Clamping range (from - to)	[Ømm]	9 - 16
<u>Connections</u>		
Connection type		Screw terminal
Max. wire cross-section (Cu)	[mm ²]	4
Conductor material		Copper
Tightening torque	[Nm]	2
Capsule fuse 10x38mm DC	[A]	2 x 8

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TECHNICAL DATA

• applicable / - not applicable

GENERAL DATA

Dimensions WxHxD (without cable glands)	[mm]	270x540x171
Weight	[kg]	approx. 7
Operating temperature range	[°C]	-20...+60
Temperature - Transport/Storage (24 hours 70°C)	[°C]	-25...+40
Humidity - condensing allowed	•/-	-
Humidity - permissible range	[%]	5...95
Max. installation height above sea level	[m]	2000
Ingress protection IP (EN 60529)		65
Outdoor suitability (protected area)	•/-	-
Protection class (EN 61140)		II
Case material		GFRP-Polyester
RoHS-compliant (2011/65/EU)	•/-	•
Case colour		similar RAL7035
Mounting method		Wall mounting
Lock type		Screw cover, clear

MISCELLANEOUS

Customs tariff number		85371098
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SPARE PARTS

DC-fuse 10x38mm - 8A		10013494
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EC DECLARATION OF CONFORMITY

The product, designation: enwitec BAT FUSE B-01 W

article number 10015462

manufacturer: enwitec electronic GmbH & Co. KG
Scherrwies 2
84329 Rogglfing - Germany

description: Battery protection

to which this declaration relates, is in conformity to the following standards or normative documents:

EN 61439-1	Low-voltage switchgear and controlgear assemblies
EN 61439-2	Power switchgear and controlgear assemblies
VDE-AR-E 2510-2	Stationary electrical energy storage systems

and is in accordance with the provisions of the following EC-directives:

Low-voltage directive 2014/35/EU
Restriction of Hazardous Substances Directive 2011/65/EU (RoHS)

Year of affixing CE-marking: 2016

Date of issue: 21.10.2016

enwitec electronic GmbH & Co. KG



Name / Signature

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