

# DATA SHEET

## AC Junction Box

3AC-400-TNC-2-NH00-X-X-W-PES-V-1.0

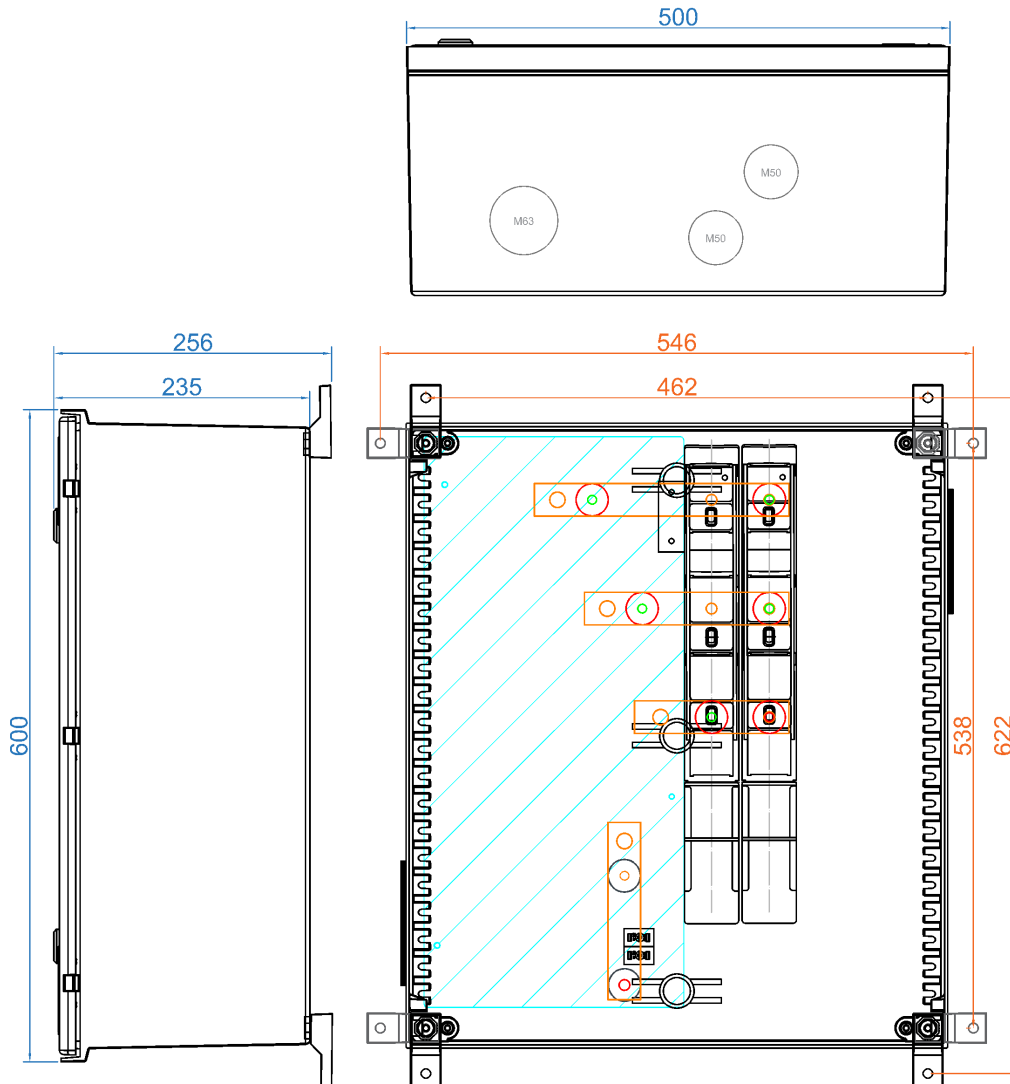
Art.No. 10015392

All values in [mm]

Dimensions

Fastening points

„blue“  
„orange“



### Minimum distances

top	200
bottom	200
lateral	100
front	800

## SCOPE OF DELIVERY

Quantity	Designation	Quantity	Designation
1	Wall mounting brackets - kit	1	General installation instructions

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### CABLE ENTRY AND CONNECTION

Cable glands optional (EN 62444)

Cable gland	Connection	Clamping range [mm]	Connection type	Wire cross-section [mm <sup>2</sup> ]	suitable wire type	Max. width of the cable lug [mm]	Rail system	Tightening torque [Nm]
M63	Input (inverter)	23 - 55	Screw terminal	1,5 - 70	Cu	-	-	2,6
M50	Output (transformer/grid)	21 - 35	Cable lug M12	-	Al/Cu	-	-	40
-	PEN (PE & N) connection (inverter)	-	Feeder clamp	max. 70	Al/Cu	-	30x5	12
-	PEN (PE & N) connection (transformer/grid)	-	Cable lug M12	-	Al/Cu	-	30x5	40

#### TECHNICAL DATA

• zutreffend / - nicht zutreffend

##### NOMINAL VALUES

Rated insulation voltage $U_i$	[V]	1000
Rated operating voltage $U_e$	[V]	400
Rated current $I_{nA}$ (= $\sum I_{SC\_STC}$ )	[A]	246
Operating frequency $f_n$	[Hz]	50
Grid structure		TNC
Rail system	[mm]	30x5

##### INPUT (inverter)

###### General

Number of inputs		2
Fuse type		NH00
Max. fuse seize		125

##### OUTPUT (transformer/grid)

###### General

Number of outputs		1
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##### GENERAL

Dimensions WxHxD (without cable glands)	[mm]	500x600x230
Weight, approx.	[kg]	20
Operating temperature range	[°C]	-25...+35
Temperatur - transport/storage (24 h 70°C)	[°C]	-25...+50
Humidity - condensing allowed	•/-	•
Humidity - permitted range	[%]	8...95
Max. altitude above sea level	[m]	2000
Protection class IP (EN 60529)		65
Outdoor suitability (protected area)	•/-	•
Protection against electric shock (EN 61140)		II
Case material		polyester
RoHS-conformity (2011/65/EU)	•/-	•
Case colour		similar RAL 7035
Mounting method		optional
Locking system		double bit lock

##### MISCELLANEOUS

Customs tariff number		85371098
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##### ACCESSORY

Accessories - cable glands		10015387
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## EC DECLARATION OF CONFORMITY

The product, designation: 3AC-400-TNC-2-NH00-X-X-W-PES-V-1.0

article number: 10015392

manufacturer: enwitec electronic GmbH  
Scherrwies 2  
84329 Rogglfing

description: AC Junction Box

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

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: 2021

Date of issue: 26.01.2021

enwitec electronic GmbH



Name / Signature

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