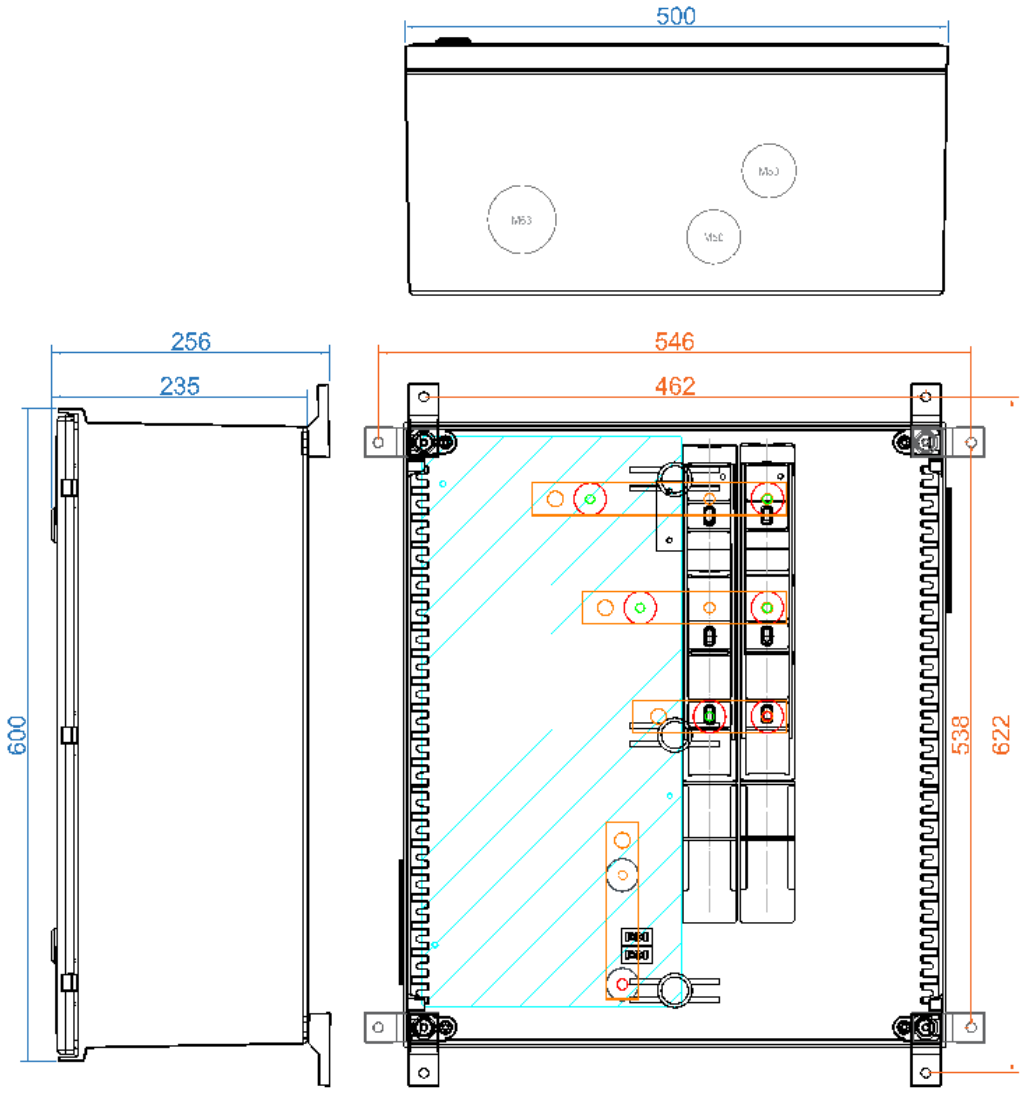
DATA SHEET

AC Junction Box

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

Art.No. 10015392

All values in [mm]
Dimensions „blue“
Fastening points „orange“



Minimum distances

top	200
bottom	200
lateral	100
front	800

SCOPE OF DELIVERY

Quantity	Designation
1	Wall mounting brackets - kit

Quantity	Designation
1	General installation instructions

enwitec electronic GmbH Scherrwies 2 | 84329 Wurmannsquick |
Tel. +49 8725 9664-0
Mail info@enwitec.eu | www.enwitec.eu

Status: October 2021

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CABLE ENTRY AND CONNECTION

Cable glands optional (EN 62444)

Cable gland	Connection	Clamping range [mm]	Connection type	Wire cross-section [mm²]	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

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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

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

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

Johann Wimmer
CEO

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