



RoHS



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Supercedes the edition: -----

EN

1. Product description.

Vertical surface-mounted RACK 3U enclosure is universal solution for organizing and protecting against unauthorized access or theft of devices in RACK 19 " standard with total height of up to 3U. It has special system for hanging devices with possibility of choosing 3 mounting heights and convenient way to remove devices from enclosure. There are also special holders for mounting straps for devices without RACK mounting standard. Inside is double ~ 230 V power socket with power connector equipped with glass fuse.

Enclosures construction is compliant with requirements of General Data Protection Regulation (GDPR), as personal data must be protected and stored securely (possibility of installing two locks with different codes).



Possibility of install inside:

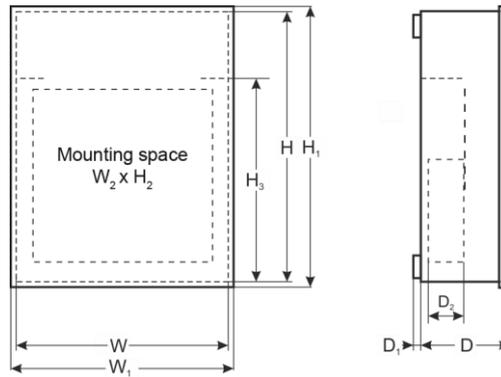
- RACK switches e.g.: SF, RSFUPS series - back enclosure
- switche desktop e.g.: S, SG, SF series sing adapter RACK RAPDS
- recorder – back enclosure – straps – ZPR / RACK bracket
- Power supply units: PS-12V10A, PS-12V15A, PS-48V3A, PSB-12V10A, PSB-12V15A, PSB-24V5A, PSB-24V7A, PSB-48V3A.
- Batteries
- **Mounting space:** 530x380x155 [mm +/-2] (WxHxD)

Main features:

- Surface mounted construction - compact and convenient solution
- Removable door (convenient installation of wiring and other equipment)
- RACK brackets – 3U, ith adjustable mounting height on 3 levels
- Knock-outs and holes in the back of enclosure.
- Enclosure screwed with M4 screws or closed with key locks (option)

2. Technical parameters

Dimensions:	W=535, H=540, D=165 [mm, +/-2]
Mounting space:	W₁=540 H₁=545, D₁=14 [mm, +/-2]
Position of RACK 19" profiles	W₂=530 H₂=380, D₂=155 [mm, +/-2]
Fitting battery:	4x7 Ah; 2x17 Ah
Net / Gross weight:	8,16 / 9,14 [kg]
Operation conditions:	2nd environmental class, -10°C ÷ 40°C
Made of:	DC01 sheet, thickness: 1mm, colour: RAL9003 (white) - anticorrosion protection
Antisabotage protection:	microswitch: opening 0,5 A@50 V DC max. NC – normally closed contacts
Destination:	Indoor
Components:	Distance from floor (14mm), 2x bracket RACK 3U
Deklaracje, gwarancja:	RoHS, warranty – 2 years from production date
Uwagi:	Distance from the wall 14mm RACK brackets – 3U



3. View of enclosures

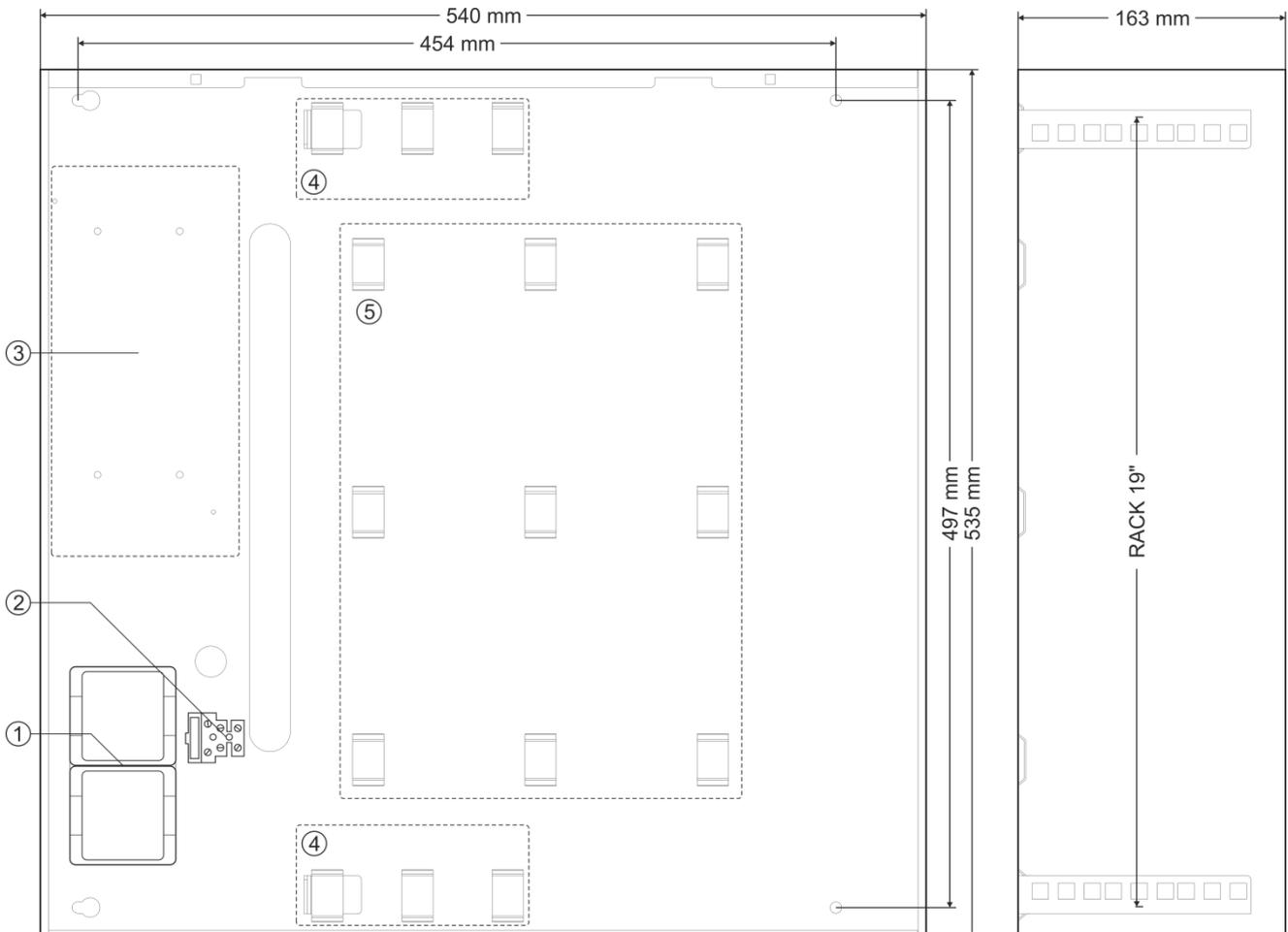


Fig. 1. The enclosure view

Table 2. (See Fig. 1)

Component No. (Fig. 1)	Description
[1]	Power Socket of ~230 V
[2]	Power supply connector – L, N Protective conductor connector
[3]	Space for power supply (see: possibility of install inside)
[4]	Brackets for mounting RACK
[5]	Holder for mounting straps

4. Installation.

4.1 Requirements.

The enclosure should be mounted by a qualified installer, holding relevant permits and licenses (applicable and required for a given country) for 230 V and low-voltage installations. The device shall be mounted in confined spaces, according to the environment class II, with normal air humidity (RH=90% max. without condensation) and the temperature from -10°C to +40°C. The enclosure shall work in a vertical position that guarantees sufficient convectional air-flow through ventilating holes of the enclosure.

4.2 Installation procedure



Before installation, cut off the voltage in the 230 V power-supply circuit. To switch power off, use an external switch, in which the distance between the contacts of all poles in the disconnection state is not less than 3mm.

- 1 Mount the PSU in a selected location and connect the wires.
3. Connect the power cables (230 V) to L-N clips of the PSU.



The shock protection circuit shall be performed with a particular care, i.e. the yellow and green wire coat of the power cable shall stick of the terminal - marked with '⊕' symbol on the PSU enclosure. Operation of the PSU without the properly made and fully operational shock protection circuit is UNACCEPTABLE! It can cause a device failure or an electric shock.

3. Connect the ground wire to the terminal marked with the ⊕ symbol (power supply module connector). Use a three-core cable (with a yellow and green ⊕ protection wire) to make the connection. Lead the cables to the appropriate clips through the insulating bushing of the connection board
4. Screw brackets to devices and install them inside enclosure. Remember to place devices starting from rear of enclosure.
5. Make necessary electrical connections.
5. Connect the power (230 V).
6. After installing and checking proper working, the enclosure can be closed.

5. Examples of configurations.
(presented devices are not part of equipment).



Pulsar
Siedlec 150, 32-744 Łapczyca, Polska
Tel. (+48) 14-610-19-40, Fax. (+48) 14-610-19-50
e-mail: biuro@pulsar.pl, sales@pulsar.pl
http:// www.pulsar.pl, www.zasilacze.pl