



MOUNTING ISTRUCTIONS V1.2

Code: **RAWO7**

Name: **7U/150mm/17 Ah two-level RACK Security enclosure for RACK19" cabinets**

IMRAWO7



Edition: 3 from 03.11.2023
Supersedes edition 2 from 04.07.2017

1. Destination:

The metal RAWO7 enclosure is designed for mounting the alarm control panel and the input/output modules in RACK 19" cabinets. The enclosure has a removable mounting plate (1st level) and a removable hinged mounting plate (2nd level). The enclosure has a battery compartment for a single 17Ah/12V battery.

The mounting plate (1st level) has holes for mounting transformers of the TRP/TRZ series and power supply units of PS/PSB/PSG2 series by Pulsar. The hinged mounting plate (level II) is fitted with universal holes for mounting of control panels and expansion modules of the following companies: DSC, PARADOX, RISCO, SATEL, PYRONIX, TEXECOM, TELMOR, ROGER, EBS.

Possibility of mounting:

- **MM019** - cable protection conduit $\varnothing 16 / \varnothing 20$ - power cable
- **MM020** - cable protection conduit $\varnothing 21 / \varnothing 29$ - power cable
- **ARAP16P** - straight cable gland fi 16mm
- **ARAP21P** - straight cable gland fi 21mm
- Transformers TRP/TRZ series: 20÷80VA
- Power supplies PS..., PSB..., PSG2... series
- Batteries

2. Specifications:

Table 1. Electrical parameters.

Tamper switch protection	2 x microswitch: enclosure opening, 0,5 A; 50 V DC max. NC – normally closed contacts
Protection class EN 62368-1	I (first)
Rated current of protective connection	6 A max
Declarations, warranty	CE, 2 years

Table 2. Mechanical parameters.

Mounting dimensions	W=19", H=7U
Enclosure dimensions	W=430, H=310, D=150 [+/-2 mm]
Recommended battery/batteries	17 Ah / 12 V (SLA)
Space for transformer/power supply unit	TRP: 20÷80VA, TRZ: 20÷80VA / Pulsar PS..., PSB..., PSG2... series
Material	Sheet DC01, thick: 1.0 mm Anticorrosion protection Colour: RAL 9005
Closing	Bolted: front mounting 4 x M6
Destination	Inside
Net/gross weight	6,2 / 6,75 [kg]
Notes	- fixing on the front RACK 19" rails" - 10 M6 screws with cage nuts included - the enclosure contains a mounting plate (Level I) - the enclosure is equipped with a hinged mounting shelf (Level II)

Table 3. Operating parameters.

Protection grade EN60529	IP20
Operating temperature	-10°C ...+40°C
Storage temperature	-20°C ...+60°C
Relative humidity	20%...90%, without condensation
Sinusoidal vibrations during operation	unacceptable
Impulse waves during operation	
Direct insolation	
Vibrations and impulse waves during transport	According to PN-83/T-42106

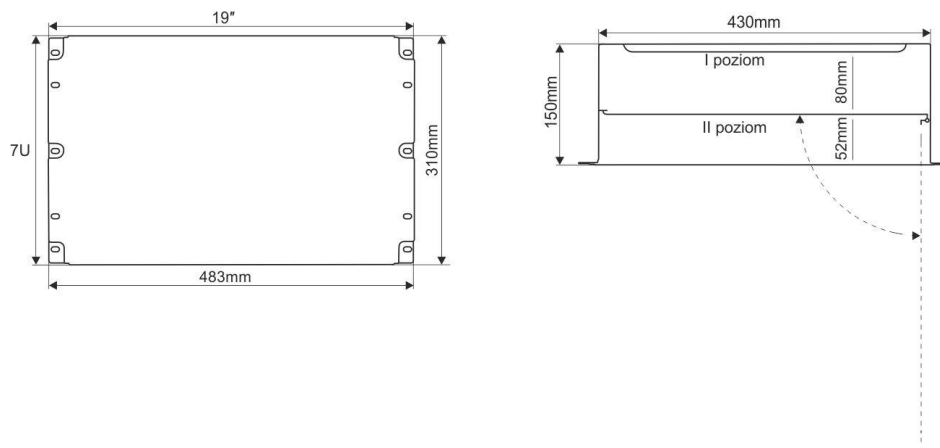


Figure 1. Dimensions.



Figure 2. View of enclosure.



Figure 3. Sample assembly

3. Mounting the enclosure to RACK 19" cabinets:

Mount cage nuts for M6 screws in the RACK cabinet, as shown in Figure 4. Use M6 screws to mount the enclosure to the RACK profiles.

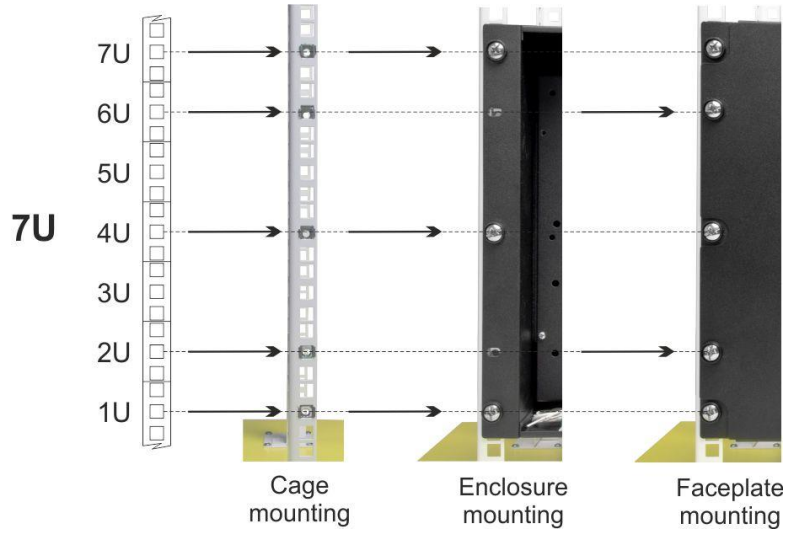


Figure 4.

4. The introduction of cables into the enclosure:

The enclosure has four openings (at each side) for the introduction of cables. All openings are fitted with rubber grommets, Fig. 5.

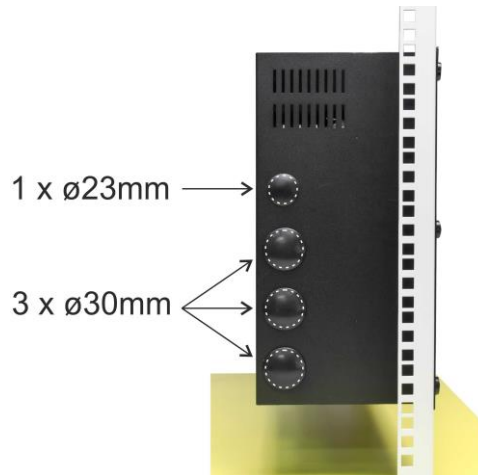


Figure 5.

Wires can be introduced in three ways:

- a) Through rubber grommets – Figure 6



Figure 6.

b) Using the MM019 / MM020 protection tubes – Figure 7.

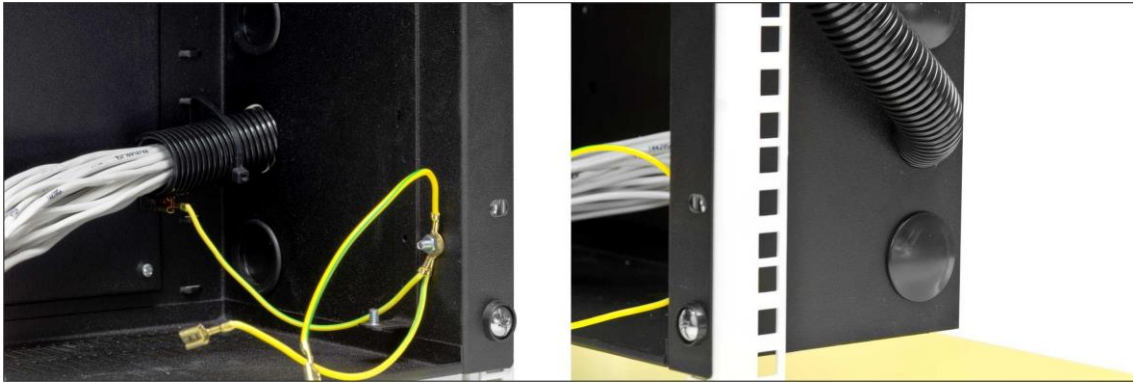


Figure 7.

c) Using the MM019/MM020 protection tubes and the ARAP16P/ARAP21P cable glands – Figure 8

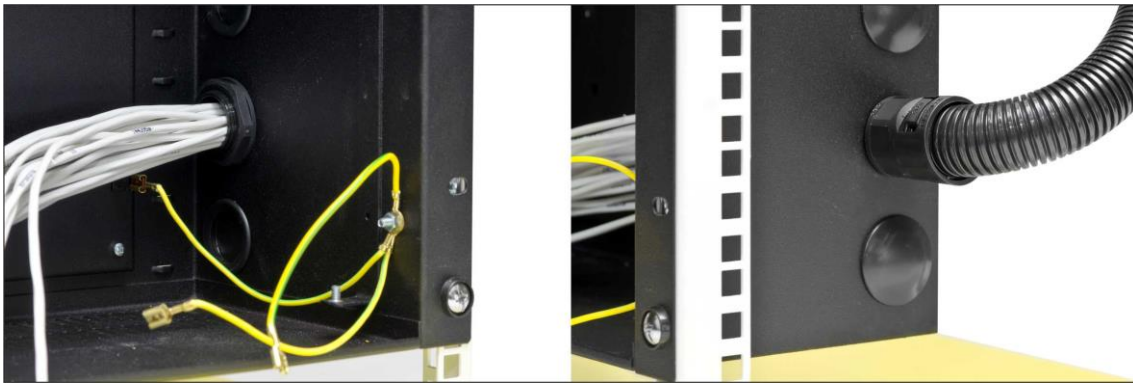


Figure 8.

5. Mounting the transformer/PSU/battery:

The enclosure is equipped with a hinged mounting plate (1st level) with holes for mounting of transformer of the TRP/TRZ series and power supply units of the PS.../PSB.../PSG2...series by Pulsar. The enclosure has a battery compartment for a single 17Ah/12V battery.



Figure 9.

6. Securing wires to a hinged mounting plate:

The enclosure is equipped with a hinged mounting plate (2nd level) with holes for mounting of control panels and expansion modules. Universal holes are dedicated for control panels and expansion modules of the following companies: DSC, PARADOX, RISCO, SATEL, PYRONIX, CROW, and ROGER. The hinged mounting plate is fitted with handles to secure the signal wires. Mounting of control panels / expansion modules / wires is shown in Figure 10.



Figure 10

7. Control panels and modules that can be mounted in the enclosure:

- **DSC:** (PC 1616, 1832, 1864, 4020) + 5x 5108 (4108, 5208, 5100, 4116)
(PC 5204, 5400, 5200, 5580, 4216, 4204) + 5x 5108 (4108, 5208, 5100, 4116)
- **PARADOX:** (E55, E65, 728ULT, EVO48, EVO192, SP4000, SP5500, SP6000, SP7000) + 5 x Z X 8
(Z X 4, APR3-HUB2)
- **RISCO:** PRO24, 116, 128, 140 + 3x EZ16
PRO24, 116, 128, 140 + 4x E04 (EZ08, RP296 EPS)
- **SATEL:** CA4V1, CA5, CA6
(VERSA 5, 10, 15, CA10) + 6 x CA10E (CA 64E, SM, MST1)
(INTEGRA 24, 32, 128) + 6 x CA64E (SM)
- **Modules:** CA64 (PP, EPS, ADR, O-R, O-ROC,O-OC, OPS- OC, OPS- R, OPS- ROC,
VGM- 16, SR, PTSA) + 4x CA64E (SM)
- **PYRONIX:** MATRIX 424, 6, 816, 832, 832+
- **TEXECOM:** PREMIER 412, 816, 832, 48, 88, 168, 640
- **TELMOR:** TCA- 824, 4x (TEX800, TMT1)
- **ROGER:** PR402, CPR 32-SE
- **EBS:** PX 202A
- **PULSAR:** 5x (MS1012, MSR1012, MSRK1012)
5x (MS2012, MSR2012, MSRK2012)
- **ROEL:** SIGMA 6 / SIGMA 12 / CERBER
- **CROW:** RUNNER 4/8

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