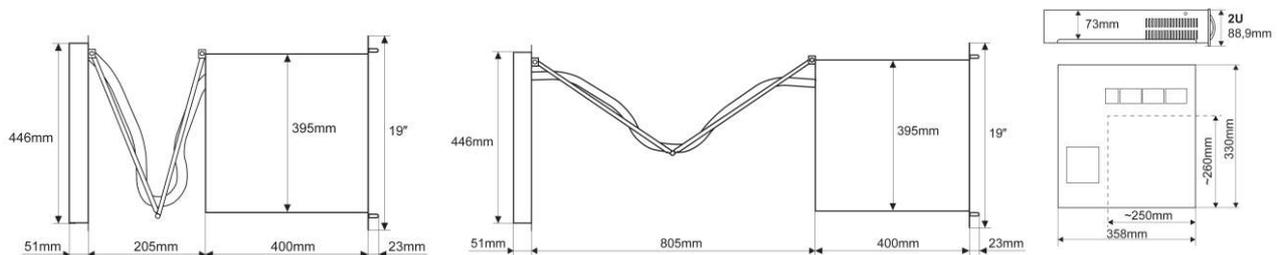**Pulsar** ®

CODE: **ARAD-S2** v.1.0/I
NAME: **Enclosure Security 2U for RACK19" cabinets 24 lines**

EN

INTENDED USE

The metal RACK-Security enclosure is designed for mounting the alarm control panel and the input/output modules in free-standing RACK19" cabinets with depths in the range from 800 to 1000mm. It consists of two elements:

1. **Patch Panel** is used to switch between the YTDY 6x0,5 cable with copper cores and the elastic cable supplying signals and power to the control panel.

2. **Pull out enclosure with a 2U height** – alarm control panel and input and output modules are mounted in this section - with a space for 7Ah battery, transformer, and the ARAW45 fan (transformer and fan are not included)

Both **ARAS800** and **ARAS1000** rails - selected depending on the depth of a RACK cabinet - constitute the load bearing part of the enclosure (not included). The enclosure is fitted with 3 printed circuit boards (PCB) allowing connection of signal, power and control cables. Each of the boards has 8 pairs of terminals designed to operate at a voltage of 30VDC and a maximum current of 1,5A. In addition, each one is fitted with the 230VAC power board. The enclosure is fitted with 3 tamper switches.

1. Pulling out the enclosure from RACK profiles
2. Enclosure opening
3. Patch Panel opening

Universal holes in the enclosure allow mounting of control panels and expansion modules of the following companies:
DSC, PARADOX, RISCO, SATEL, PYRONIX, CROW, TELMOR, ROEL, ROGER, EBS and PULSAR.

SPECIFICATIONS

Battery compartment:	7Ah / 12V
Transformer compartment:	TRP: 20÷80VA, TRZ: 20÷80VA
Tamper protection: **- Pulling out the enclosure from RACK profiles** **- Enclosure opening** **- Patch Panel opening**	- the C/NO terminals (C/NC closed housing), 1A@30VDC/3A@250VAC - the C/NO terminals (C/NC closed housing), 0,5A@30VDC/50VAC - the C/NO terminals (C/NC closed housing), 0,5A@30VDC/50VAC
PCB Signal Boards:	- A/B Board – 8 signal lines - 30VDC/1,5A – 1 pair - C/D Board – 8 signal lines - 30VDC/1,5A – 1 pair - E/F Board – 8 signal lines - 30VDC/1,5A – 1 pair
PCB Power Board:	230VAC/max. 5A
Mounting dimensions:	W=19", H=2U
Enclosure dimensions:	W=395, H=89, D=400 mm
Net/gross weight:	8,30 / 9,50 [kg]
Finish:	- steel plate 1 / 1,5mm, color black (RAL 9004)
Application:	Indoor
Notes:	- The enclosure is mounted using the ARAS800/1000 rails depending on the depth of the RACK 19" cabinet + 2xM6 screws butt mounted to RACK profiles - Patch Panel mounting – 4xM6 butt mounted to RACK profiles + 2xM6 to ARAS800/1000 rails - The set includes: • protective tube MM020 ø21/ø29 – 0,5m • protective tube MM064 ø6/ø10 – 0,5m • cable tie (black) 100x2,5 - 10 pieces • cable tie (black) 190x4,8 - 4 pieces • Six M6 screws+ cage nuts + plastic washer • 2 M6 screws + plastic washer
Available accessories:	- **MM020** - protective tube ø21/ø29 – signal wires - **MM064** - protective tube ø6/ø10 – for power cord - **ARAW45** - fan - **AWZ618** - 230VAC board with the F3,15A melting fuse - transformers of the TRP/TRZ series: 20÷80VA
Declarations, warranty:	CE, 2 years from the production date