ASSEMBLY INSTRUCTIONS

code: **AWO 152EI**
Name: **7/EI40/PAR**
Metal casing for: alarms, access control....

IM152EI

Edition: 2 from 20.09.2017
Supercedes edition: 1 from 13.01.2012

1. Destination: **EN**

The **AWO 152EI** metal casings are designed as components (supplying) in intruders alarms, access control systems, security systems etc. There are intended for installation:

- control panel optional with supplementary modules
- access control controllers with optional modules
- radio or GSM transmitter with optional module PSU
- other dedicated devices, components etc.

2. Installation:

The metal casing (+PCB) must be installed by a qualified installer, holding the relevant certificates, required and necessary in the particular country for connecting (interfering with) the 230V AC systems and low-voltage installations.

Because the transformer is designed for the continuous operation and is not equipped with ON/OFF switch, the power supply line should have the appropriate overload protection. The user should be informed how to disconnect the unit from the mains (the most often by separate and mark the adequate fuse in the fuse box). The power supply installation should be conform to the applicable standards and law.

The casing (+PCB) should be installed indoors, where the air humidity is normal (RH=90% max. without condensation) and temperature in the range of -10°C to +40°C.

Caution! Prior to entering for installation it is necessary to make sure if the voltage in the 230V/AC circuit is disconnected.
All service works inside the housing must be carried out with 230V/AC supply voltage disconnected.

1. Mount the PCB (control panel, etc) with dedicated holes (use distance pins, bracket screw).
2. Install metal casing in dedicated place and bring in the connecting (~230V) and signal conductors through cables bushings.
   Remarks: supply circuit ~230V should be carried out with three-core cable (with yellow-green protective PE conductor).
3. Supply conductors ~230V should be connected to **230V / AC L-N** terminals of the transformers. Protective conductor should be connected to the terminal marked with grounding symbol.

Caution! Operating the power supply without properly made and technically operational electric shock protection circuit is IMPERMISSIBLE!
This creates hazard of equipment damage and risk of electric shock.

4. Connect the output of transformer to the terminals (~AC) on the PCB, using installed cables
   Remarks: connect required voltage U1 or U2 (secondary voltage) for the correct device.
5. If necessary, make other connections required for the correct type of system / device.
   Remarks: consistent with requirements and recommendation of the producer.
6. **Start the system (switch on ~230V, battery), adjust or configure: according to procedure of the producer's system.**
7. After installing and checking the proper operation of the system, close the casing.

3. Technical data:

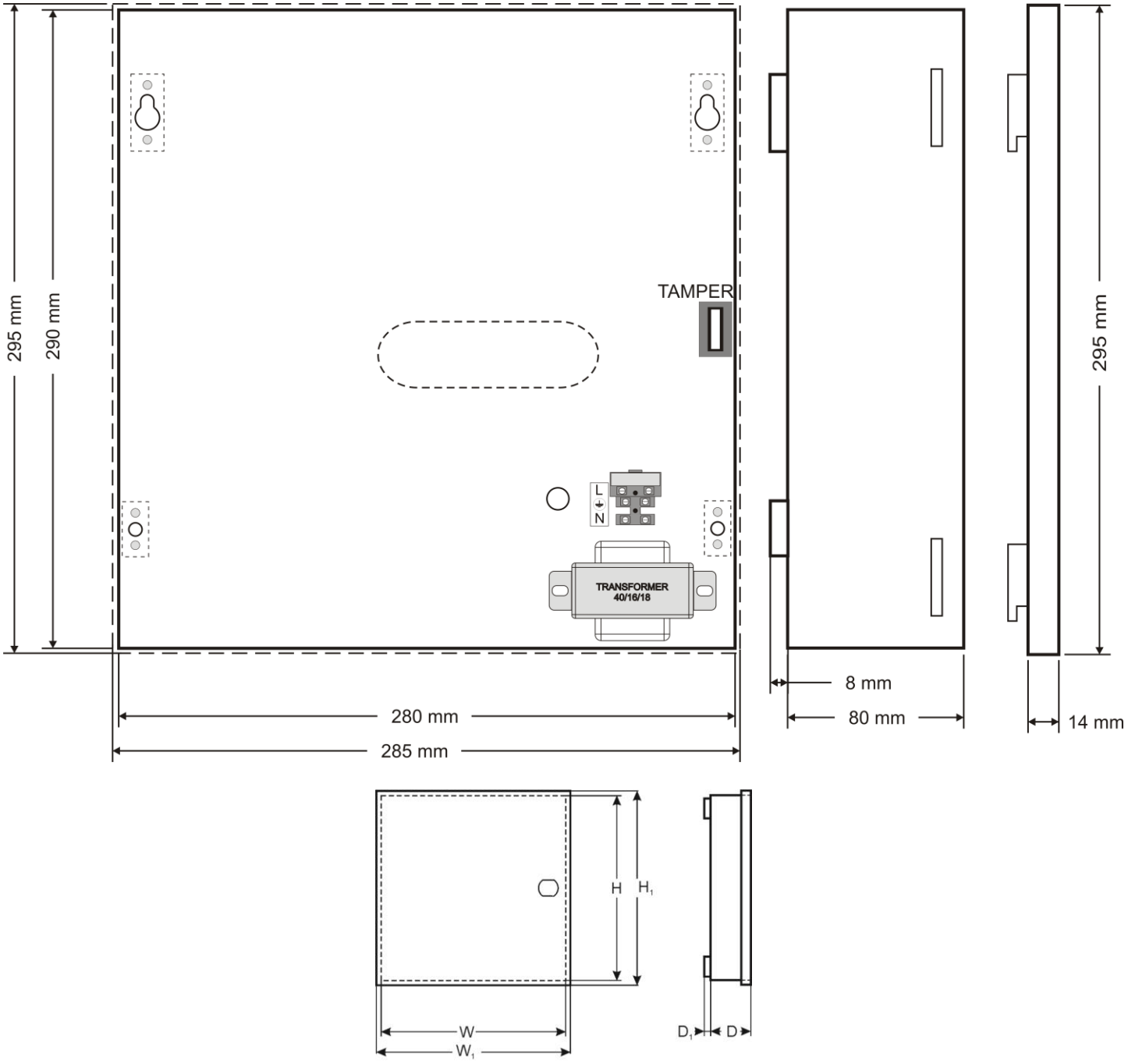
TECHNICAL DATA	
Power supply voltage	**230V/AC, 50Hz (-/+15%)**
Transformer	**EI 40/16/18**
Transformer norm	**EN 61558-2-6**
Space for battery	**7Ah/12V**
Tamper protection	**1x – opening casing**
Output current TAMPER - max	**500mA@50Vdc**
Casing: IP	**IP 20**
Operating temperature	**-10°C÷40°C**
Relative humidity RH –max.	**90 [%]**
External dimensions of the enclosure: External dimensions of the front panel:	**W=280, H=290, D+D1=80+8 [+/-2 mm]** **W1=285, H1=295 [+/-2 mm]**
Material description	**Sheet steel DC01, Thickness: 0,7mm, Protection anticorrosion,** **Color: RAL9003**
Destination	**Indoor**
Net Weight	**~2.60 [kg]**
Gross Weight	**~2.80 [kg]**
Notes	**Customized enclosure: minimum order quantity 100pcs.**
Declarations, warranty	**CE, 2 year from the production date**

Technical data of transformer: EI 40/16/18								
NAZWA NAME	**C**	**S**	**U**	**I**	**U1 or U2**	**I1 or l I2**	**F**	**t**
EI 40/16/18	-	40VA	230V/AC	0,20A	16V or 18V	2,2A or 2,0A	T 315mA/250V	130°C

C- Transformer casing
S - Power rating
U - Supply voltage
I - Current draw at nominal load, from network ~230V
U1 or U2 - Secondary voltage
I1 or I2 - Nominal output current
F – Fuse F in the primary windings of the transformer
t- non ressetable fuse 130°C

4. Panels which can be mounted in the casing.

- **CONTROL PANELS:** (728 ULT, E55, E65, SP4000, 5500, 6000, 7000, EV048, 192, MG5000, 5050, PS17, ACM12) + ZX8 (2xZX4, APR3- ADM2,APR3-HUB2, PGM4)



WEEE MARK

The waste electric and electronic products do not mix with general household waste. There is separate collection system for used electric and electronic products in accordance with legislation under the WEEE Directive and is effective only with EU.

PRODUCENT / PRODUCER

Pulsar

Siedlec 150,

32-744 Łapczyca, Poland

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