

1. Intended use.

The PU1 (AWZ510) relay module is to be used in low-voltage installations. It is intended for controlling and status indication in e.g. alarm or access control systems. It may be used to control devices of high power consumption via OC outputs of alarm systems. Moreover, it ensures galvanic isolation of signals, power sources relating to the outputs of the module. It features a serial fuse in the circuit of the relay (C, NO, NC).

2. Installation.

The module is equipped with a plastic panel with self-adhesive tape that enables fixing it to a flat surface (side panel of an enclosure, a buffer PSU, etc.) and holes for bolting the panel to the mounting surface.

3. Description of the module.

3.1 Components.

1 – relay
2 – fuse
3 – LED (indicates relay's operations)
4 – module terminals

3.2 Connectors.

-I+ inputs of the voltage that control the relay
C – common terminal of the relay
NO – normally open relay's contact
NC – normally closed relay's contact

4. Specifications.

Voltage of the relay's coil	10÷16 V DC / 10÷13 V AC (-/+5%),
Current of the relay's coil	33 mA@12 V DC
Resistance of coil	360 OHM (-/+10%)
Power of coil	400 mW
Number of relays	1
Voltage of the relay's contacts	30 V DC / 48 V AC
Current of the relay's contacts	1 A max.
Contacts of relay	C/NC/NO (leads Φ 2.05 mm: AWG 24-12)
ON/OFF time	15ms/8ms (-/+5%)
Fuse F1	F1,5 A
Operating temperature	-10°C ÷ +40°C
Enclosure	open-frame design, IP00
Dimensions	L=50, W=43, H=20 [mm, +/-2]
Net/gross weight	0,02 / 0,04 [kg]
Installation	installation tape or installation bolt x 2
Declarations, warranty	CE, 2 years from production date
Notes	leads on connections: Φ 0,41÷1,63 (AWG 26-14), Φ 0,51÷2,05 (AWG 24-12) - relay contacts

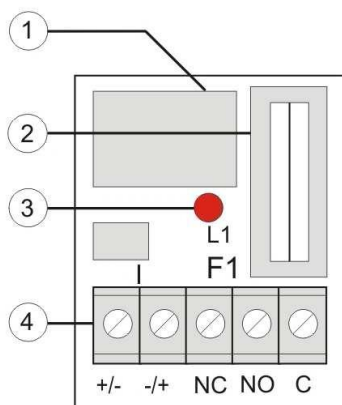
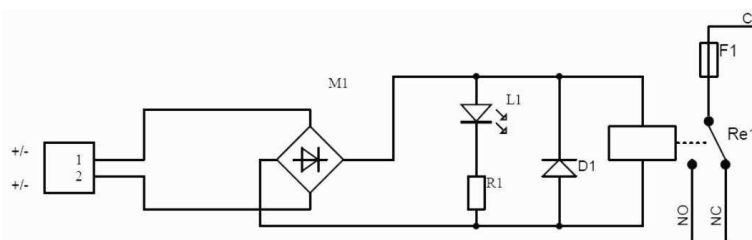


Fig. 1. General view of the module.

5. Electrical diagram.



WEEE Label

According to the European Union WEEE Directive, waste electrical and electronic equipment should be disposed of separately from normal household waste.

Pulsar sp. j.

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