



AWZ520 v.1.0 MP5 Relay module



Edition: 2 from 10.07.2013
Supersedes the edition: 1 from 23.01.2009

EN

1. Intended use.

The MP5 (AWZ520) 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.

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.

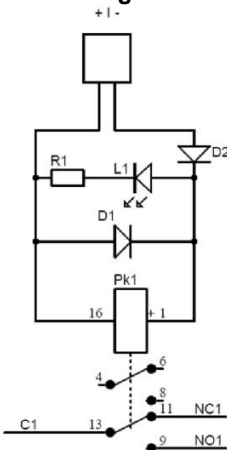
3.1 Components.

| |
|-------------------------------|
| 1 – module's input terminals |
| 2 – relay |
| 3 – module terminals |
| 4 – module's output terminals |

3.2 Connectors.

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|---|
| -I+/-I5+ inputs of the voltage that control the relay |
| C1÷ C5 – common terminal of the relay |
| NO1÷ NO5 – normally open relay's contact |
| NC1÷ NC5 – normally closed relay's contact |

4. Electrical diagram.



5. Specifications.

| | |
|---------------------------------|--|
| Voltage of the relay's coil | 10÷14V DC (-/+5%), |
| Current of the relay's coil | 37mA@12VDC |
| Number of relays | 5 |
| Voltage of the relay's contacts | 30VDC / 50VAC max. |
| Current of the relay's contacts | 2A max. |
| Contacts of relay | C/NC/NO (leads Φ 2.05 mm: AWG 24-12) |
| ON/OFF time | 15ms/8ms (-/+5%) |
| Operating conditions | 2nd environmental class, -10°C÷ 40°C |
| Enclosure | open-frame design, IP00 |
| Dimensions | W=140, L=43, H=25 [mm, +/-2] |
| Net/gross weight | 0,093 / 0,120[kg] |
| Installation: | installation tape or installation bolt x2 |
| Declarations, warranty | CE, RoHS, 2 year from the production date |
| Notes | leads on connections: \varnothing 0,41÷1,63 (AWG 26-14), \varnothing 0,51÷2,05 (AWG 24-12) - relay contacts |

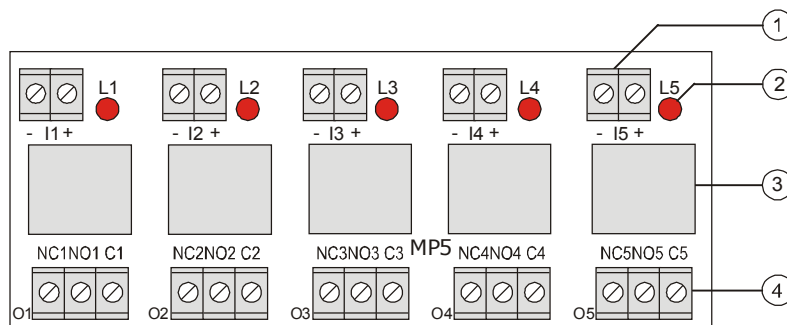


Fig. 1. General view of the module.

WEEE PARKING

According to the EU WEE Directive – It is required not to dispose of electric or electronic waste as unsorted municipal waste and to collect such WEEE separately.

WARRANTY

Pulsar K. Bogusz Sp.j. (the manufacturer) grants a two-year warranty for the equipment, counted from the device's production date.

Pulsar K.Bogusz Sp.j.

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