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AWZ528
v.1.0
PU3
Relay module

Edition: 3 from 25.11.2022
Supercedes edition: 2 from 01.03.2018

EN*

1. Intended use.

The PU3 (AWZ528) 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. The module is adapted for connection of cables with a maximum cross section of $1mm^2$.

2. Description of the module.

2.1. Components.

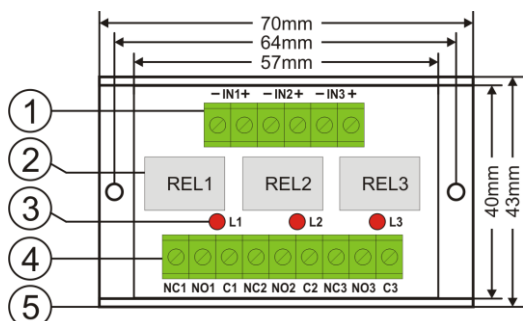| Component no [fig. 1]	Description
[1]	**IN1÷IN3** - relay coil power inputs
[2]	**REL1÷REL3** - relays
[3]	**L1÷L3** red LED (indicates relay's operations)
[4]	Relay output terminals: **NC** – erminal normally closed **NO** – terminal normally open **C** – common terminal
[5]	Mounting panel

Fig.1. The module's view.

2.2. Specifications.

Supply voltage coil	10 ÷ 14 V DC (-/+5%)
Coil control current	17 mA@12 V DC
Coil resistance	720 Ω (-/+10%)
Coil power	200 mW
Number of relays	3
Voltage of the relay's contacts	30 V DC / 48 V AC
Current of the relay's contacts (resistive load)	1 A max.
ON/OFF time	10ms/5ms (-/+5%)
LED indication	red LED **L1÷L3** - the state of relay activation
Operating temperature	-10°C ÷ +50°C
Dimensions	L=70, W=43, H=20 [mm, +/-2]
Installation	A mounting panel with an adhesive tape, mounting screws x 2 (holes 3mm)
Connectors	Φ0,41 ÷ 1,29 (AWG 26-16) 0,2 ÷ $1mm^2$
Declarations, warranty	CE, 2 years from production date
Net/gross weight	0,04 / 0,06 [kg]
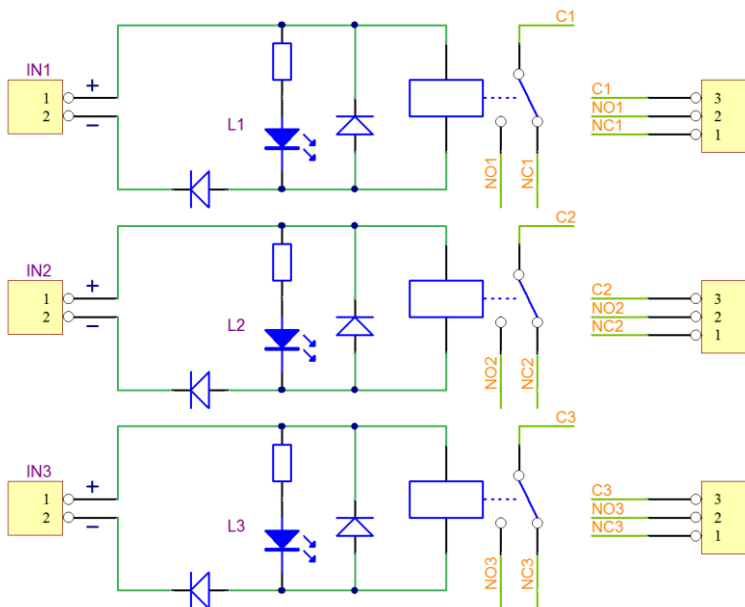
Fig. 2. Electrical diagram.