

1. Technical description.

The fuse module is designed for power distribution in low-voltage alarm systems (power distribution) requiring a voltage range of: **10V ÷ 30V DC**. It is fitted with a single power supply input: screw connection and four AUX1 ÷ AUX4 power supply outputs independently protected with 2A fuses. Fuse activation is indicated by turning off the corresponding LED on the module: L1 for AUX1, L2 for AUX2, etc. Additionally, each output is protected by a varistor, protecting the power supply and receivers against surges in the power supply system.

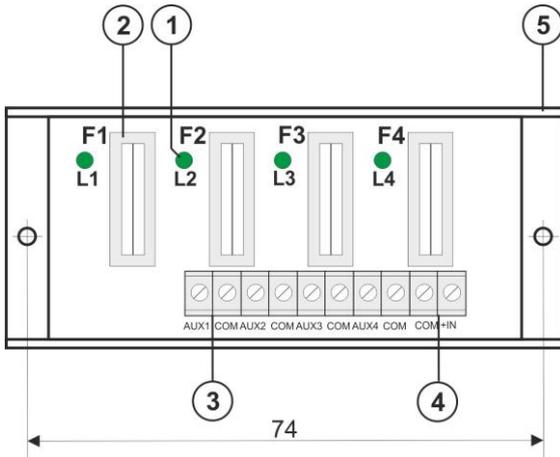


Fig.1. The view of the module

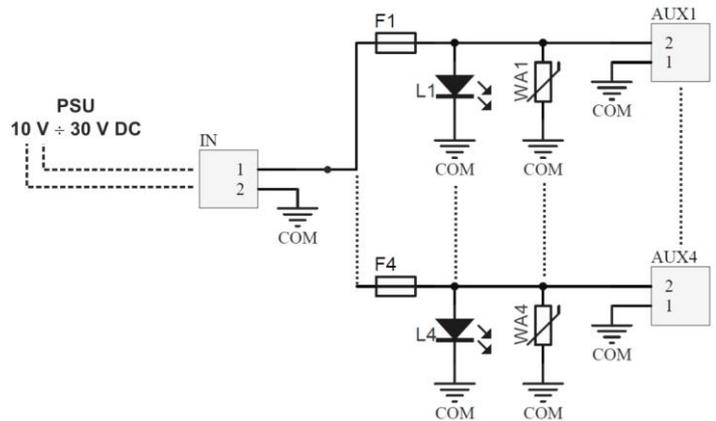


Fig.2. Electrical diagram

Table 1. Description of components and connectors of the PSU.

Element no. [fig. 1]	Description
[1]	L1 ÷ L4 green LEDs
[2]	F1 ÷ F4 fuses in the AUX (+) circuits
[3]	AUX1 ÷ AUX4 independently secured outputs, common terminal COM (-)
[4]	Screw connector – module's power input
[5]	Mounting strip

Table 2. Specifications.

Supply voltage	10 V ÷ 30 V DC
Output voltage	$U_{AUX} = U_{IN}$ (equal to supply voltage)
Current consumption	5 mA ÷ 30 mA @ $U_{IN} = 10 V ÷ 30 V DC$
Number of power inputs	1 outlet or a screw connector
Number of power outputs	4 (AUX terminals)
Protections against:	- 4 x F 2A - 4 x F 2A - varistors
LED indication	Green LEDs L1 ÷ L4 – outputs status AUX1÷AUX4
F1 ÷ F4 fuses	4 x F2A
Operating conditions	II environmental class, -10°C ÷ 50°C
Dimensions	80 x 43 x 27 (WxHxD)
Fixing	a mounting tape or dowel pins x2 (holes 3mm)
Connectors:	
- of power output	- screw connectors $\Phi 0,8 \div 1,8$ (AWG 24-14)
- of power input	- screw connectors $\Phi 0,8 \div 1,8$ (AWG 24-14)
Declarations, warranty	CE, RoHS, 2 year from the production date
Net/gross weight	0,05kg / 0,07kg

WEEE MARKING

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

Pulsar K.Bogusz Sp.j.

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