

Description.

The **LB2P/2x5A/2,5/FTA** fuse module is designed for power distribution in low-voltage systems requiring voltage of **10V÷30V DC** or **10V÷24V AC** (e.g. buffer power supply, transformer etc.). It has 2 independent, galvanically isolated power paths protected with 5A fuses. Fuse activation is indicated by switching off the appropriate LED: L1 for AUX1, L2 for AUX2 etc. Additionally, each output is protected with a varistor protecting the power supply and receivers against surges in the supply system. The module is adapted for connection of cables with a maximum cross-section of **2,5mm²**.

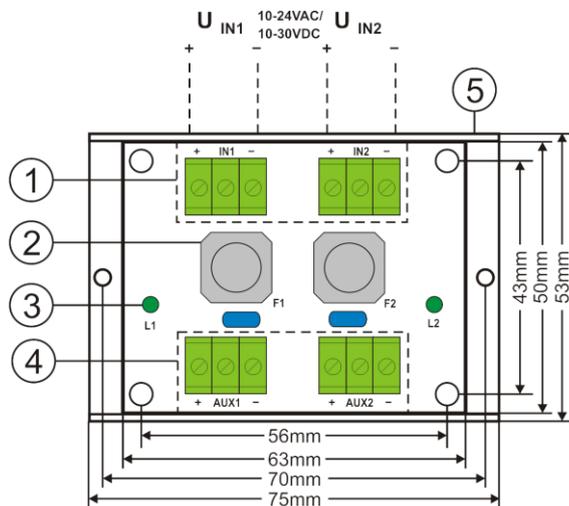


Fig.1. The view of the module.

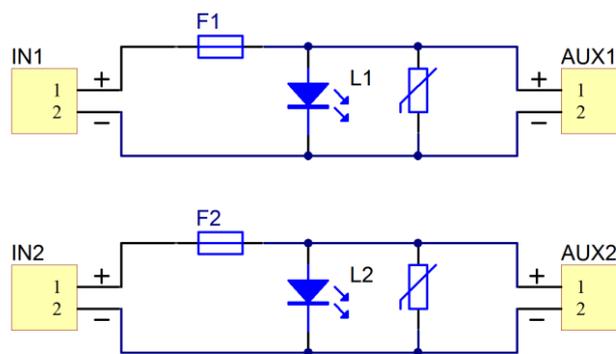


Fig.2. Electrical diagram.

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

Element no. [fig.1]	Description
[1]	IN1 ÷ IN2 - power input
[2]	F1 ÷ F2 fuses in the AUX (+) circuits
[3]	Green L1 ÷ L2 LEDs
[4]	AUX1 ÷ AUX2 independently protected outputs (galvanically isolated)
[5]	Mounting panel

Table 2. Specifications.

Supply voltage	10V ÷ 30V DC (-2%/+2%) 10V ÷ 24V AC (-2%/+2%)
Output voltage	$U_{AUX} = U_{IN}$ (equal to supply voltage)
Current consumption	3 mA ÷ 15 mA @ $U_{IN} = 10V \div 30V$ DC
Number of power inputs	2 (IN terminals) – max. 2,5mm² cable
Number of power outputs	2 (AUX terminals) – max. 2,5mm² cable
Protections against:	- a short circuit SCP - an overload OLP - a surge
LED indication	Green L1 ÷ L2 LEDs – AUX1 ÷ AUX2 output status
Fuses F1 ÷ F2	F 5A
Operating conditions	II environmental class, -10°C ÷ 50°C
Dimensions	L=75, W=53, H=40 (+/-2mm)
Installation	A mounting panel with an adhesive tape, mounting screws x 2 (holes Ø 3mm)
Connectors: - power supply input/output	Φ0,51÷2,05 (AWG 24-12) 0,5 ÷ 2,5mm ²
Declarations, warranty	CE, 2 year from the production date
Net/gross weight	0,06kg / 0,11kg

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.

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