

**Description.**

The **LB2/2x2A/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 is fitted with the **IN** input for power supply and 2 independent power paths protected with 2A 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 wires with a maximum cross-section of **2,5mm<sup>2</sup>**.

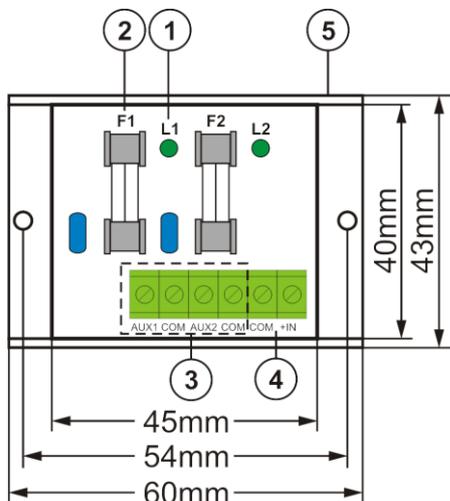


Fig.1. The view of the module.

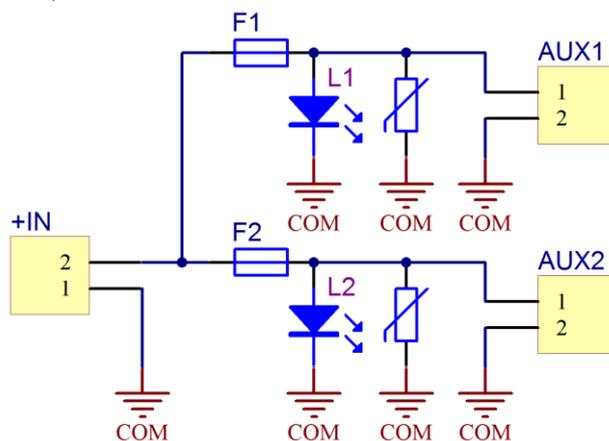


Fig.2. Electrical diagram.

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

Element no. [fig.1]	Description
[1]	Green <b>L1 ÷ L2</b> LEDs
[2]	<b>F1 ÷ F2</b> fuses in the <b>AUX (+)</b> circuits
[3]	<b>AUX1 ÷ AUX2</b> independently protected outputs
[4]	<b>IN, COM</b> – output current
[5]	Mounting panel

**Table 2. Specifications.**

<b>Supply voltage</b>	10V ÷ 30V DC (-2%/+2%) 10V ÷ 24V AC (-2%/+2%)
<b>Output voltage</b>	$U_{AUX} = U_{IN}$ (equal to supply voltage)
<b>Current consumption</b>	3 mA ÷ 20 mA @ $U_{IN} = 10V \div 30V$ DC
<b>Number of power inputs</b>	1 (IN terminals) – max. <b>2,5mm<sup>2</sup></b> cable
<b>Number of power outputs</b>	2 (AUX terminals) – max. <b>2,5mm<sup>2</sup></b> cable
<b>Protections against:</b>	
- a short circuit SCP	- 2 x 2A
- an overload OLP	- 2 x 2A
- a surge	- varistors
<b>LED indication</b>	Green <b>L1 ÷ L2</b> LEDs – <b>AUX1 ÷ AUX2</b> output status
<b>Fuses F1 ÷ F2</b>	F 2A
<b>Operating conditions</b>	II environmental class, -10°C ÷ 50°C
<b>Dimensions</b>	L=60, W=43, H=26 (+/-2mm)
<b>Installation</b>	A mounting panel with an adhesive tape, mounting screws x2 (holes Ø 3mm)
<b>Connectors:</b>	
- power supply input/output	Φ0,51÷2,05 (AWG 24-12), 0,5 ÷ 2,5mm <sup>2</sup>
<b>Declarations, warranty</b>	CE, 2 year from the production date
<b>Net/gross weight</b>	0,03kg / 0,06kg

**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.

**Pulsar**

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