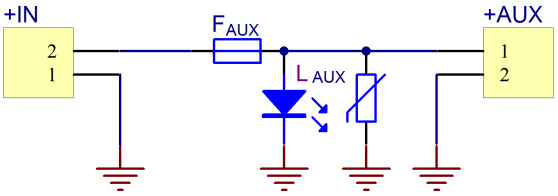
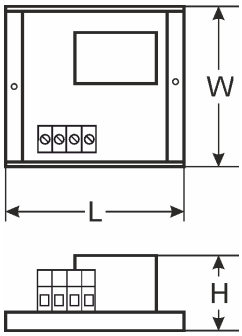
EN**

CODE: **AWZ604** v.1.0/II

NAME: **LB1/1x5A/2,5/AW/R/FTA fuse module**





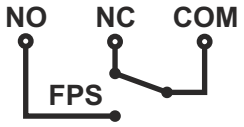
CE

DESCRIPTION

The **LB1/1x5A/2,5/AW/R/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 1 independent power paths protected with 5A fuses. Output state AUX is indicated by **L_{AUX}**. LED. Fuse failure is indicated by turning off the appropriate **L_{AUX}**. Additionally, in the case of failure, the **L_{FPS}** LED are switched on, while the relay contacts are switched. The FPS output can be used for remote control of a module e.g. external optical indication. The module is adapted for connection of cables with a maximum cross section of **2,5mm²**.

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	12mA÷ 30mA @ Uin=10 ÷ 30V DC 40mA÷ 45mA @ Uin=10 ÷ 24V AC
Number of power inputs	1 (IN terminals) – max. **2,5mm²** cable
Number of power outputs	1 (AUX terminals) – max. **2,5mm²** cable
Protections against: **- a short circuit SCP** **- an overload OLP** **- a surge**	 - 1 x 5A - 1 x 5A - varistors
LED indication	- green LED **L_{AUX}** - status of the AUX outputs - red LED **L_{FPS}** – indicates failure
Fuses F_{AUX}	F 5A
Operating conditions	II environmental class, -10°C ÷ 50°C
Dimensions	L=70, W=43, H=40 (+/-2mm)
Installation	A mounting panel with an adhesive tape,mounting screws x2 (holes Ø 3mm)
Connectors: **- power supply input/output, technical output**	- screw connection Φ0,51÷2,05 (AWG 24-12) 0,5 ÷ 2,5mm²
Net/gross weight	0,04kg / 0,06kg
Declarations, warranty	CE, 2 year from the production date



Electrical diagram of the relay output