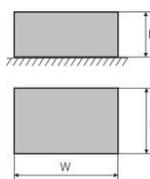
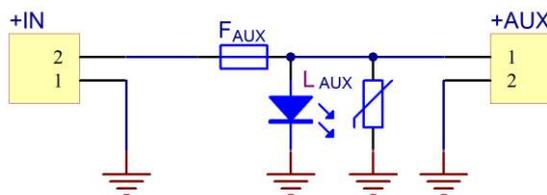


CODE: **AWZ604** v.1.0/I
NAME: **LB1/1x5A/2,5/AW/R/FTA fuse module**

EN**

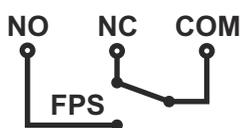


DESCRIPTION

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 4 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	10 V ± 30 V DC (-2%/+2%) 10 V ± 24 V AC (-2%/+2%)
Output voltage	$U_{AUX} = U_{IN}$ (equal to supply voltage)
Current consumption	12mA± 30mA @ $U_{in}=10 \div 30V$ DC 40mA± 45mA @ $U_{in}=10 \div 24V$ 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	- 1 x 5A
- an overload OLP	- 1 x 5A
- a surge	- 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	70 x 43 x 40 (WxHxD) [mm]
Installation	A mounting panel with an adhesive tape,mounting screws x2 (holes Ø 3mm)
Connectors:	
- power supply input/output, technical output	- screw connection $\Phi 0,51 \pm 2,05$ (AWG 24-12) 0,5 ÷ 2,5mm ²
Net/gross weight	0,04kg / 0,06kg
Declarations, warranty	CE, 2 year from the production date



Electrical diagram of the relay output