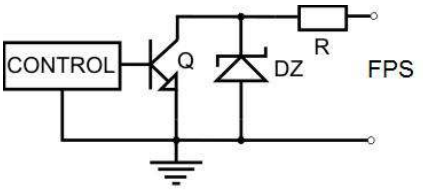
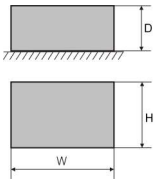
EN

CODE: **AWZ535** v.1.0/V
NAME: **LB4/AW Fuse module 4x0.5A**





DESCRIPTION

The fuse module is intended for dividing power in low-voltage alarm systems (power distribution). It features IN input for supply power of: **10V÷30 V DC** or **10V÷24 V AC** (e.g. buffer PSU, transformer etc.). The LB4/AW module has four power outputs AUX1÷AUX4, secured separately. Each AUX output is protected against a short circuit (SCP) with a glass fuse (F 0,5A or F 1,0A) or a polymer fuse 0,5A and against surges – via varistors. Status of the outputs is indicated by four LEDs - L1÷L4. Fuse damage is indicated by an appropriate LED going out: L1 for AUX1 etc. In case of a failure, the FPS output changes its state into hi-Z and the L_{FPS} LED is illuminated. The FPS output can be used for a remote control of LB4/AW state, e.g. external optical indication.

SPECIFICATIONS

Supply voltage	10V÷30 V DC (-2%/+2%) 10V÷24 V AC (-2%/+2%)
Output voltage	$U_{AUX} = U_{IN}$ (equal to supply voltage)
Current consumption	6mA÷ 41mA @ Uin=10 ÷ 30 V DC 10mA÷ 32 mA @ Uin=10÷ 24 V AC
Number of power inputs	1 (a screw connector)
Number of power outputs	4 (AUX terminals)
Protections against: **- a short circuit SCP** **- an overload OLP** **- a surge**	- 4 x F 0,5A or 4x F 1,0A fuse (manual replacement of the included fuse), or PTC 0,5A. - varistors
LED indication	- green LED **L1 ÷ L4** – status of the AUX1÷AUX4 outputs - red LED **L_{FPS}** – indicates failure
F1 ÷ F4 fuses	F 0,5A or F 1,0A (included) or PTC 0,5A
Operating conditions	II environmental class, -10°C ÷ 50°C
Dimensions	125 x 43 x 32 (WxHxD) [mm] (115 x 40 x 30 dimensions of the panel)
Installation	a mounting panel with an adhesive tape, mounting screws x2 (holes 3mm) or spacersx 4 (PCB fi=4,2 mm)
Connectors: **- of power output** **- of power input**	- screw connectors Φ0,41÷1,63 (AWG 26-14) - a screw connector Φ0,41÷1,63 (AWG 26-14)
Net/gross weight	0,07kg / 0,1kg
Declarations, warranty	CE, RoHS, 2 year from the production date