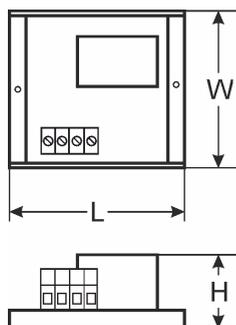
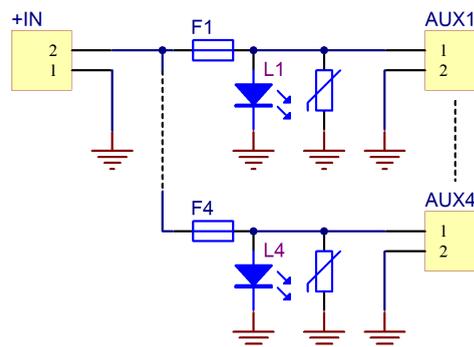


CODE: **AWZ535** v.1.1/IX  
NAME: **LB4/4x0,5A/2,5/AW fuse module**

EN

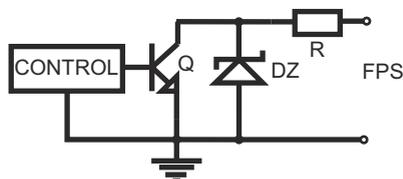


**DESCRIPTION**

The LB4/4x0.5A/2.5/AW 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 independently protected AUX1÷AUX4 power supply outputs. Each AUX output is equipped with short circuit protection (SCP): melting fuse F 0.5A or PTC 0.5A polymer fuse (the possibility of using 1A fuses, not supplied) as well as with overvoltage protection - varistors. Output state is indicated by 4 L1 ÷ L4 LEDs. Fuse failure is indicated by turning on the appropriate LED: L1 for AUX1, L2 for AUX2 etc. Additionally, in the case of failure, the FPS output (Hi-Z state) and the L<sub>FPS</sub> LED are switched on. 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 2,5mm<sup>2</sup>.

**SPECIFICATIONS**

Supply voltage	10V±30V DC (-2%/+2%) 10V±24V AC (-2%/+2%)
Output voltage	U <sub>AUX</sub> = U <sub>IN</sub> (equal to supply voltage)
Current consumption	6mA ÷ 41mA @ U <sub>in</sub> =10 ÷ 30V DC 10mA ÷ 32 mA @ U <sub>in</sub> =10 ÷ 24V AC
Number of power inputs	1 (IN terminals) – max. 2,5mm <sup>2</sup> cable
Number of power outputs	4 (AUX terminals) – max. 2,5mm <sup>2</sup> cable
Protections against:	
- a short circuit SCP	- 4x F 0,5A fuse or PTC 0,5A (the possibility of using 1A fuses, not supplied)
- an overload OLP	
- a surge	- varistors
LED indication	- green LED L1 ÷ L4 – status of the AUX1÷AUX4 outputs - red LED L <sub>FPS</sub> – indicates failure
F1 ÷ F4 fuses	F 0,5A or PTC 0,5A
Operating conditions	II environmental class, -10°C ÷ 50°C
Dimensions	125 x 43 x 32 (WxHxD) [mm]
Installation	a mounting panel with an adhesive tape, mounting screws x 2 (holes 3mm)
Connectors:	
- power supply input/output, technical output	∅0,51±2,05 (AWG 24-12) 0,5 ÷ 2,5mm <sup>2</sup>
Net/gross weight	0,08kg / 0,12kg
Declarations, warranty	CE, 2 year from the production date



Electrical diagram of the OC output.