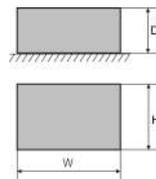
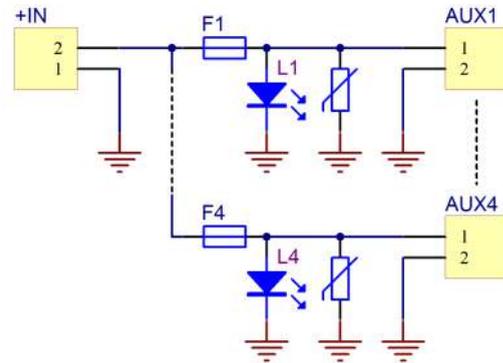


CODE: **AWZ596** v.1.0/II
NAME: **LB4/4x5A/4/AW/R/FTA fuse module**

EN**

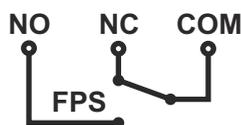


DESCRIPTION

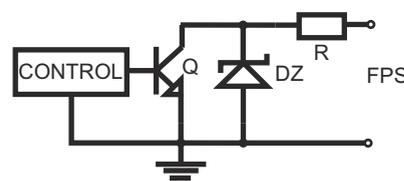
The LB4/4x5A/4/AW/R/FTA fuse module is designed for power distribution in low-voltage systems requiring voltage of **10V÷30V DC (-2%/+2%)** or **10V÷24V AC (-2%/+2%)** (e.g. buffer power supply, transformer etc.). It is fitted with the IN input for power supply and 4 independent power paths protected with 5A fuses. Output state is indicated by 4 L1 ÷ L4 LEDs. Fuse failure is indicated by turning off 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_{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 **4mm²**.

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	15mA÷ 42mA @ $U_{in}=10 \div 30V$ DC 37mA÷ 42mA @ $U_{in}=10 \div 24V$ AC
Number of power inputs	1 (IN terminals) - max. 4mm² cable
Number of power outputs	4 (AUX terminals) - max. 4mm² cable
Protections against:	
- a short circuit SCP	- 4 x 5A
- an overload OLP	- 4 x 5A
- a surge	- varistors
LED indication	- green LED L1 ÷ L4 – status of the AUX1÷AUX4 outputs - red LED L _{FPS} – indicates failure
F1 ÷ F4 fuses	F 5A
Operating conditions	II environmental class, -10°C ÷ 50°C
Dimensions	150 x 53 x 40 (WxHxD) [mm]
Installation	A mounting panel with an adhesive tape, mounting screws x 2 (holes 3mm)
Connectors:	
- power supply input/output, technical output	$\Phi 0,41 \div 2,59$ (AWG 26-10), 0,2÷4mm ² $\Phi 0,51 \div 2,05$ (AWG 24-12), 0,5÷1,5mm ²
Net/gross weight	0,12kg / 0,15kg
Declarations, warranty	CE, RoHS, 2 year from the production date



Electrical diagram of the relay output.



Electrical diagram of the OC output.