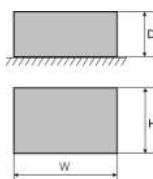
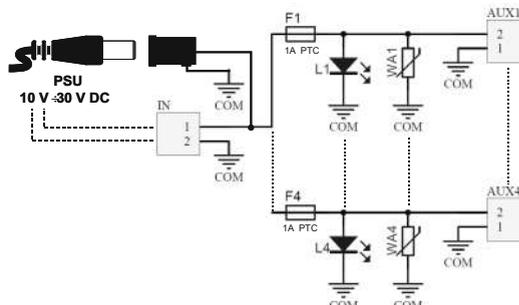
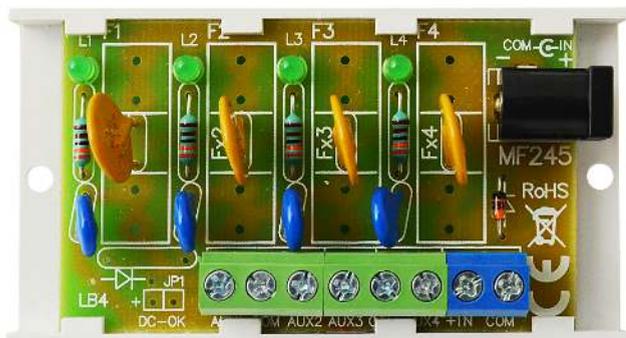


CODE: **AWZ575 v.1.0/IV**
NAME: **LB4A/1A/PTC fuse module**

EN



DESCRIPTION

The fuse module is intended for dividing power in low-voltage alarm systems (power distribution) that require voltage within the range of: 10V ÷ 30V DC. It contains two power inputs: a screw connector and a DC 5,5/2,1 outlet and four power outputs AUX1÷AUX4 which are independently secured with PTC1A polymer fuse. An activation of the PTC fuse is indicated by an appropriate LED going out: L1 for AUX1, L2 for AUX2 etc. Additionally, each output is secured by a varistor which protects the PSU and the receivers against surges in the power circuit.

SPECIFICATIONS

| | |
|--------------------------------|--|
| Supply voltage | 10V ÷ 30V DC |
| Output voltage | $U_{AUX} = U_{IN}$ (equal to supply voltage) |
| Current consumption | 5 mA ÷ 30 mA @ $U_{IN} = 10V \div 30V DC$ |
| Number of power inputs | 2: a DC 5,5/2,1 outlet or a screw connector |
| Number of power outputs | 4 (AUX terminals) |
| Protections against: | |
| - a short circuit SCP * | - 4 x 1A PTC |
| - an overload OLP | - 4 x 1A PTC |
| - a surge | - varistors |
| LED indication | Green LEDs L1 ÷ L4 – AUX1÷AUX4 outputs status |
| F1 ÷ F4 fuses | 4 x 1A PTC |
| Operating conditions | II environmental class, -10°C ÷ 50°C |
| Dimensions | 80 x 43 x 21 (WxHxD) |
| Fixing | a mounting tape or dowel pins x2 (holes Ø3mm) |
| Connectors: | |
| - of power output | - screw connectors $\Phi 0,41 \div 1,63$ (AWG 26-14) |
| - of power input | - a DC 5,5/2,1 outlet or a screw connector $\Phi 0,41 \div 1,63$ (AWG 26-14) |
| Net/gross weight | 0,039kg / 0,056kg |
| Declarations, warranty | CE, RoHS, 2 year from the production date |

* Using power supply unit with too low current efficiency may cause (in the case of a short-circuit at one of the outputs of the module) temporary power loss at other outputs.