

Code: AWZ-603

## ADAPTER TO POWER SUPPLY VIA TWISTED-PAIR CABLE **AWZ-603** PULSAR

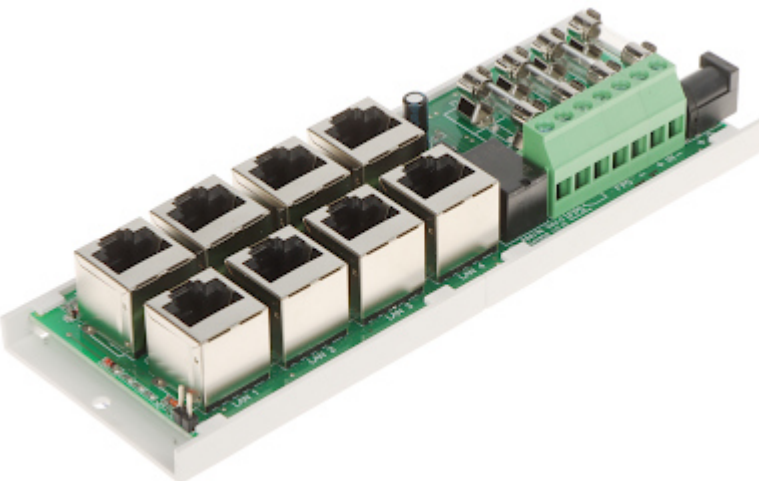
The AWZ-603 panel is a passive device used to supply power via UTP cables to terminal devices equipped with PoE ports. To data transmission in twisted-pair cable are normally use wires 1, 2, 3 and 6. The PoE panel injects supply voltage to the 4, 5(+); 7, 8(-) pins/wires.

On the panel front there two rows of RJ-45 ports. Panel can supply power to 4 PoE devices.

The AWZ-603 is a passive device.

Each output is fitted with short-circuit protection (SCP), in the form of a fuse F0.5A and overvoltage protection - varistors. The output status is indicated by four L1÷L4 LED lights. A fuse failure is indicated by turning off the corresponding LED. Additionally, in the case of failure, the FPS output and FPS LED are activated, while relay contacts are switched. The FPS output may be used for remote control of the PoE module.

**Attention!** The device is designed to operating in 10/100 Mb/s networks. The product is not compatible with Gigabit Ethernet network, where all the pairs of cable are used to data transmission.



Number of inputs:	<ul style="list-style-type: none"> <li>• 4 pcs RJ-45 - LAN</li> <li>• 1 pcs Power supply - 5.5 / 2.1 mm DC</li> <li>• 1 pcs Power supply - screw terminals</li> </ul>
Number of outputs:	4 pcs RJ-45 - LAN & PoE
Main features:	<ul style="list-style-type: none"> <li>• Ethernet 10/100 Mbps</li> <li>• LAN &amp; PoE ports 4 pcs</li> <li>• Pin numbers for RJ-45 connector 4, 5 (+) and 7, 8 (-) - Power supply</li> <li>• Glass Fuse : 4 x 0.5 A ( Option - 1 A )</li> <li>• FPS output - Failure signaling</li> <li>• Wire gauge : max. 2.5 mm<sup>2</sup> (screw terminals)</li> <li>• Mounting with screws</li> <li>• The bottom layer is equipped with a Scotch tape</li> <li>• Class II</li> </ul>
Input voltage:	20 ... 56 V DC
Output voltage:	20 ... 56 V DC - equal to the input voltage
Current consumption:	<ul style="list-style-type: none"> <li>• 16 mA @ 24 V DC</li> <li>• 32 mA @ 48 V DC</li> </ul>
Maximal output current:	4 x 0.5 A
LED indicators:	<ul style="list-style-type: none"> <li>• green L1-L4 LED - indicates the fuse blown (if there is no light means the fuse blown)</li> <li>• red L<sub>FPS</sub> - indicates the power voltage (DC IN)</li> </ul>
Protections:	<ul style="list-style-type: none"> <li>• Short-circuit</li> <li>• Overload</li> <li>• Overvoltage</li> </ul>
Housing:	—
Operation temp:	-10 °C ... 50 °C



## DATA SHEET

Weight:	0.116 kg
Dimensions:	150 x 53 x 25 mm
Manufacturer / Brand:	PULSAR
Guarantee:	2 years