

ZIM-24E
004804084



Power supply
Napajalnik
Napojna jedinica
Zasilacz
Napájení - zdroj
Napájenie - zdroj
Tápegység
Maitinimas
Источник питания
Barošanas bloks
Toiteallikas
Stromversorgung



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Purpose

The ZIM-24E pulse power supply is used to supply electrical and electronic devices with medium power consumption that require a stable, filtered supply voltage, independent of the mains voltage changes.

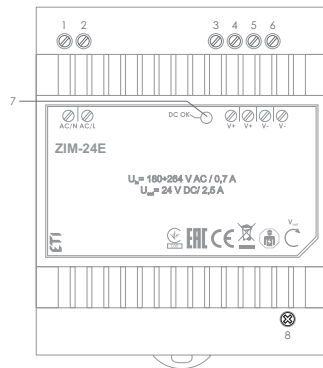
Protection

* short circuit – in case of overload or short circuit, the output voltage is automatically disconnected. The power supply unit cyclically tries to switch on the power supply and the rated supply voltage is restored when the cause of the protection tripping is resolved;

* over-voltage – if the voltage at the output of the power supply is too high, the output voltage is cut off. The device returns to normal operation after the power supply is switched off and back on;

* thermal – if the temperature inside the power supply unit is too high it will cause it to shut down; when the temperature drops to a safe value, the output voltage will be restored.

Description of the terminals



1	230 V AC power input	-N
2	230 V AC power input	-L
3,4	DC power output	-Uout+
5,6	DC power output	-Uout-
7	signalling of switching on the power supply	
8	output voltage adjustment	

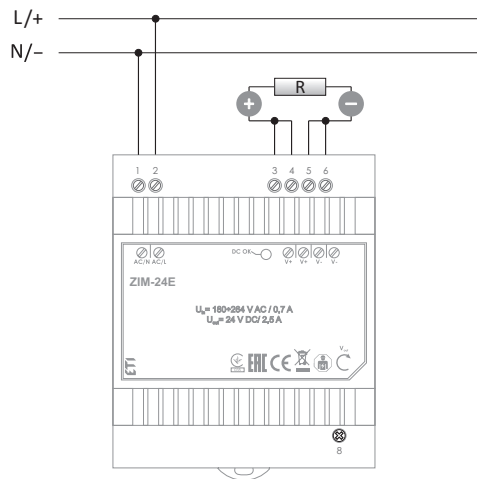
Mounting

1. Disconnect the power supply.
2. Connect network cables to the input terminals Uin 1-2 of the power supply.
3. Connect the receiver to the output terminals of the power supply in accordance with the marked polarization 3-4 (+) and 5-6 (-).

ATTENTION!

Terminals 3-4 and 5-6 are connected internally.

Wiring diagram



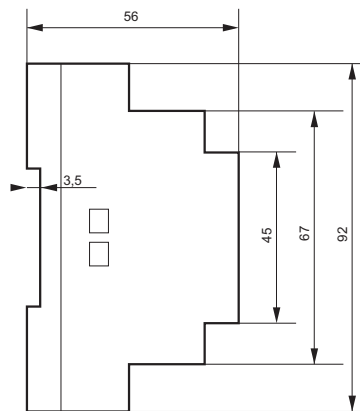
Technical data

input voltage	180÷264 V AC
current	2.5 A
output power	60 W
efficiency	87%
inrush current	40 A (230 V AC)
leakage current	1 mA (230 V AC)
stabilization of the output voltage	±1%
at the change of the output voltage	±1%
at the change of the output current	±1%
voltage regulation range	21.6÷28.0 V
ripple and noises	360 mV p-p
overload	120÷180% Iout
thermal protection threshold	36÷45 V
working temperature	-20÷50°C
terminal	2.5 mm ² screw terminals
tightening torque	0.4 Nm
dimensions	4.5 module (78 mm)
weight	270 g
mounting	on TH-35 rail
ingress protection	IP20

CE declaration

A copy of the CE declaration is available to download from the website: www.etipolam.com.pl from product subpage.

Dimensions



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