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ELECTROMAGNETIC RELAY

PP-1Zi
24V

5 908312 598541

Purpose

Electromagnetic relay in housing for direct installation in flush-mounted Ø60 box.

Relay version "i" is to pin adapted to cooperate with the receivers with high starting current, such as LED fluorescent lamps, ESL fluorescent lamps, electronic transformers, discharge lamps, etc.

Operation

Supply voltage applied to the relay closes the contact 1-2. This state is indicated by a green LED. After power failure, the contacts are opened.

Installation

1. Disconnect the power supply.
2. Attach the relay in the flush-mounted box.
3. Connect the power supply: + to terminal 6; - to terminal 5. For AC voltage use any polarity.
4. Power supply circuits of controlled receivers connect by pins 1-2 (NO contact).

Technical data

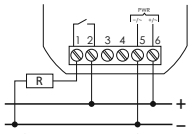
power supply	7÷30V AC / 9÷40V DC
contact / load current AC-1	1NO / <16A (160A/20ms) 250V AC
usage category	AC-7a
activation time	max. 40ms
switch-off time	max. 20ms
mechanical durability	min. 5×10^6 cycles
power indicator	LED
power consumption	<0.6W
terminal	2.5mm² screw terminals
tightening torque	0.4Nm
dimensions	Ø54 (□48×43mm), h=25mm
mounting	in flush-mounted Ø60
ingress protection	IP20

Table of power

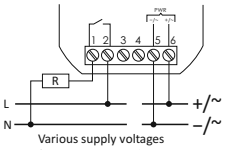
incandescent	halogen	fluorescent	energy saving	LED
3000W	2500W	1500W	750W	750W

The above data are indicative and will depend to a large extent on the design of a specific receiver (especially for LED bulbs, energy saving lamps, electronic transformers and pulse power supplies), switching frequency and working conditions.
For more information visit: www.fif.com.pl.

Connection scheme



The same power supply for the transmitter and receiver



Various supply voltages for transmitter and receiver

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