

ELECTROMAGNETIC  
RELAY

**PP-2Zi**  
**230V**

**WARRANTY.** The F&F products are covered by a warranty of the 24 months from the date of purchase. Effective only with proof of purchase. Contact your dealer or directly with us. More information how to make a complaint can be found on the website:  
[www.fif.com.pl/reklamacja](http://www.fif.com.pl/reklamacja)



**Do not dispose of this device to a garbage bin with other unsorted waste!**  
 In accordance with the Waste Electrical and Electronic Equipment Act any household electro-waste can be turned in free of charge and in any quantity to a collection point established for this purpose, as well as to the store in the event of purchasing new equipment (as per the old for new rule, regardless of brand). Electro-waste thrown in the garbage bin or abandoned in the bosom of nature pose a threat to the environment and human health.



**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 contacts 1-2 and 3-4. 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 and 3-4.

**Technical data**

|                             |                                    |
|-----------------------------|------------------------------------|
| power supply                | 7=30V AC / 9=40V DC                |
| contact / load current AC-1 | 2NO / <16A (160A/20ms) 250V AC     |
| usage category              | AC-7a                              |
| activation time             | max. 40ms                          |
| switch-off time             | max. 20ms                          |
| mechanical durability       | min. 5×10 <sup>6</sup> cycles      |
| power indicator             | LED                                |
| power consumption           | <0.6W                              |
| terminal                    | 2.5mm <sup>2</sup> screw terminals |
| tightening torque           | 0.4Nm                              |
| dimensions                  | Ø54 (□48×43mm), h=25mm             |
| mounting                    | in flush-mounted Ø60               |
| ingress protection          | IP20                               |

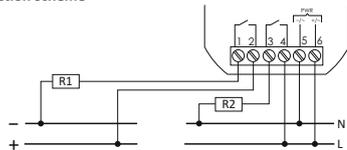
**Table of power**

| 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](http://www.fif.com.pl).

**Connection scheme**



R1: Various supply voltages for transmitter and receiver  
 R2: The same power supply for the transmitter and receiver