



# F F PP-1P Pico Miniature Electromagnetic Relay Instruction Manual

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## F F PP-1P Pico Miniature Electromagnetic Relay Instruction Manual



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## Purpose

Electromagnetic relay in housing for direct installation in flush-mounted 60 box.

## Functioning

Applying the supply voltage to terminals 1-3 will switch the relay on (closing the contact between terminals 5-6). After switching off, the contact between terminals 4-5 is closed.

The relay coil is supplied with 230 V, the relay contacts are galvanically separated from the relay coil supply.

## Mounting

1. Disconnect the power supply.
2. Install the relay in the flush-mounted box.
3. Connect the power supply: N to terminal 3; L to terminal 1 or 2.
4. Connect the power supply circuit of the controlled consumer via contacts 5-6 when using the NO (normally open) contact or 4-5 when using the NC (normally closed) contact.

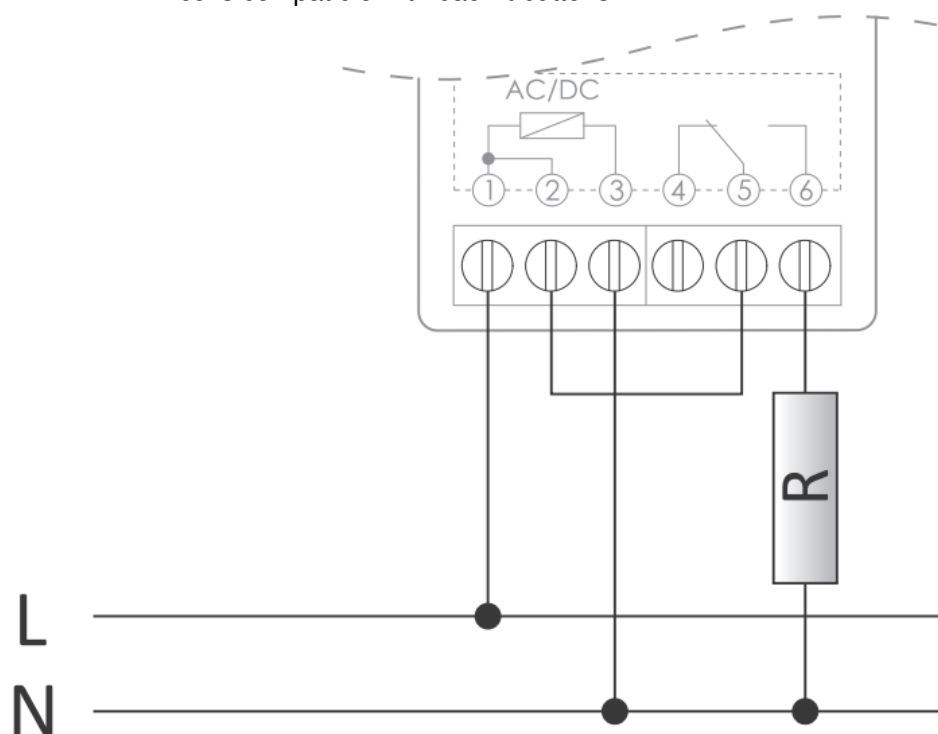


For the same power source for relay and controlled receiver can perform a „bridge” between the feed point 2 and relay COM contact (terminal 5).

## Wiring diagram



PP-1P Pico is compatible with backlit buttons.



1. L power supply (terminals connected internally)
2. N power supply
3. NC contact (normally closed)
4. COM contact (common)

5. NO contact (normally open)

## Technical data

**power supply** 100÷265 V AC

**contact** 1×NO/NC

**maximum load current (AC-1)** 16 A, 250 V AC

**usage category** AC-7a

**activation time** max 20 ms

**deactivation time** max 200 ms

**mechanical durability** min.  $5 \times 10^6$

**power indication** green LED

**power consumption**

**standby** 0.15 W


**on** 0.6 W

**terminal** 2.5mm<sup>2</sup> screw terminals

**tightening torque** 0.4 Nm

**working temperature** -25÷50°C

**dimensions** 35×36×19 mm

**mounting** in flush-mounted  60 box

**ingress protection** IP20

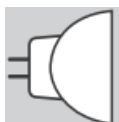
## Power table

**Table for loads supplied with 230 V AC:**

- tungsten 3000 W



- halogen 2500 W



- fluorescent 1500 W



- energy-saving 750 W



- LED 750 W



The above data are indicative and will heavily depend on the design of a specific receiver (that is especially important for LED bulbs, energy-saving lamps, electronic transformers and pulse power supply units), switching frequency and operating conditions.

For more information **visit:** [www.fif.com.pl](http://www.fif.com.pl).

## 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.

## CE declaration

F&F Fili powski L.P. declares that the device is in conformity with the essential requirements of The Low Voltage Directive (LVD) 2014/35/EU and the Electromagnetic Compatibility (EMC) Directive 2014/30/UE.

The CE Declaration of Conformity, along with the references to the standards in relation to which conformity is declared, can be found at [www.fif.com.pl](http://www.fif.com.pl) on the product.

## Do not dispose of this device in the trash along with other waste!

According to the Law on Waste, electro coming from households free of charge and can give any amount to up to that end point of collection, as well as to store the occasion of the purchase of new equipment (in accordance with the principle of old-for-new, regardless of brand). Electro thrown in the trash or abandoned in nature, pose a threat to the environment and human health.



## PP-1P Pico

Miniature  
electromagnetic relay

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## Documents / Resources



[F F PP-1P Pico Miniature Electromagnetic Relay](#) [pdf] Instruction Manual

PP-1P Pico Miniature Electromagnetic Relay, PP-1P, Pico Miniature Electromagnetic Relay, Miniature Electromagnetic Relay, Electromagnetic Relay, Relay

## References

- [Automatyka przemysłowa i domowa - producent F&F](#)

