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PO-405

Time relay,
with delayed drop-out



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.



Purpose

The PO-405 time relay is used to maintain power supply to the controlled receiver for a specific time after a loss of control voltage, e.g. in bathroom ventilation systems where the fan (switched on together with the lighting) is maintained for a specific time after the lighting is switched off.

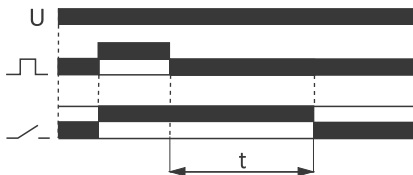
Functioning

Power supply to the relay is signalled by the illumination of the green LED. Applying the control voltage to the relay causes its operation and switching on of the voltage at the controlled receiver (signalled by lighting of the red LED).

After loss of control voltage the operation of the receiver is maintained for the maintenance time "t" (potentiometer-adjustable). After time "t" the controlled receiver is switched off automatically.

If the control voltage "S" is applied again before the set time has elapsed, the relay performs its function from the beginning.

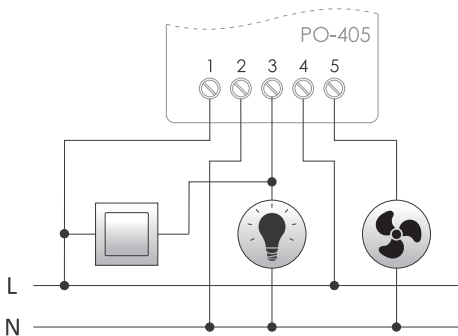
Diagram



Mounting

1. Disconnect the power supply.
2. Fix the relay to the ground with 2 screws.
3. Connect to the circuit according to the diagram.
4. Use the knob to set the switching time.

Wiring diagram



Terminals description

- 1-2 relay power supply 230 V AC
- 3 control signal input
- 4 NO contact
- 5 NO contact

Technical data

power supply	195÷253 V AC
maximum load current (AC-1)	10 A
contact	1×NO
backup time	1÷15 min.
power indication	green LED
activation indication	red LED
power consumption	0.56 W
terminal	2.5 mm ² screw terminals
tightening torque	0.4 Nm
working temperature	-25÷50°C
dimensions	50×67×26 mm
mounting	surface
ingress protection	IP20

Warranty

F&F products are covered by a 24-month warranty from the date of purchase. The warranty is only valid with proof of purchase. Contact your dealer or contact us directly.

CE declaration

F&F Filipowski sp. j. 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 on the product page: www.fif.com.pl from the product subpage.