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PK-4PZ 110 V

Electromagnetic relay

5 908312 592464

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

Electromagnetic relay in a single-module housing for direct mounting on the TH-35 rail.

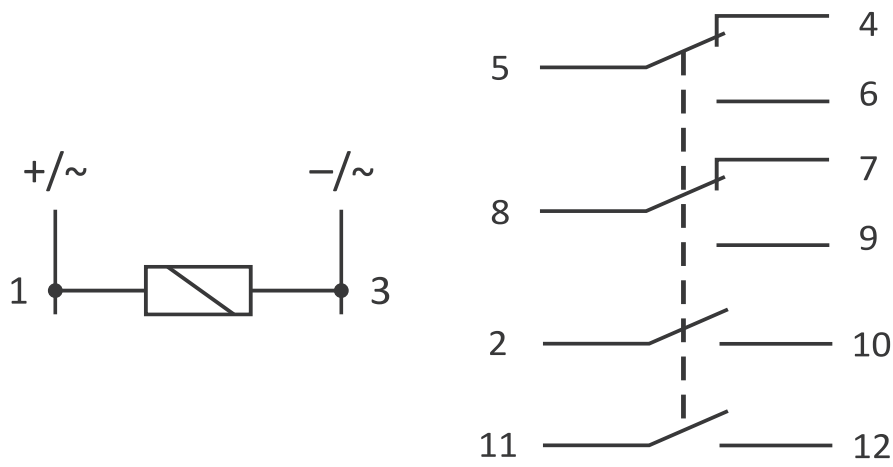
Functioning

When the supply voltage is applied to the relay coil, the contacts are switched into positions 5-6, 8-9, 2-10 and 11-12.
This state is indicated by a green LED.
After a power failure, the contacts return to the positions: 5-4, 8-7, and contacts 2-10 and 11-12 are opened up.

Mounting

1. Disconnect the power supply.
2. Mount the relay on the rail in the distribution box.
3. Connect to the system according to the diagram.

Wiring diagram

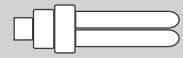
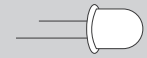


Technical data

norm	IEC 61095
power supply	110 V AC/DC
contact	2×NO/NC, 2×NO
maximum load current (AC-1)	4×8 A, 250 V AC
switching current	Ie= 4×8 A
thermal current	Ith= 4×8 A
switching voltage	Ue= 250 V
insulation voltage	400 V
maximum surge voltage	contacts - coil 2.5 kV
separate circuits	3.6 kV
contact separation	1.2 kV
pollution degree	3
short-circuit protection	installation switch B8 (8 A)
surge resistance	3 kV
coil voltage	Uc= 110 V AC/DC
control circuit voltage	Us= 110 V AC/DC
safety class	B
usage category	AC-7a
activation time	max 40 ms
deactivation time	max 20 ms
mechanical durability	min. 5×10^6
power indication	green LED
current consumption	25 mA
terminal	2.5 mm^2 screw terminals
tightening torque	0.4 Nm
working temperature	-25÷50°C
dimensions	1 module (18 mm)
mounting	on TH-35 rail
ingress protection	IP20

Power table

Table for loads supplied with 230 V AC:

				
tungsten	halogen	fluorescent	energy-saving	LED
1000 W	600 W	500 W	250 W	120 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.

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 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.