



F&F Filipowski L.P.
Konstantynowska 79/81, 95-200 Pabianice, POLAND
phone/fax (+48 42) 215 23 83 / (+48 42) 227 09 71
www.fif.com.pl; e-mail: biuro@fif.com.pl

PKI-1R-48

Interface relay



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 (interface) in a slim 6.2 mm ($\frac{1}{8}$ S) housing for direct mounting on a TH-35 rail.

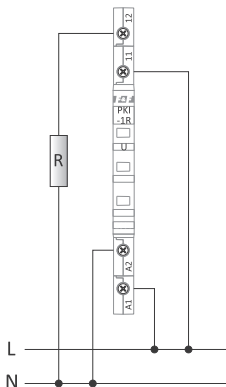
Functioning

Applying power to the relay coil will open the NC contact. This state is signalled by the illumination of the LED. After the supply voltage decays the contacts will be closed.

Mounting

1. Switch off power supply.
2. Fix the relay on the rail in the control box.
3. Connect the power supply to terminals 1-4 (any order).
4. Connect the controlled receiver's power supply circuit in series via the COM-NC contact (normally closed contact).
5. Switch on the power supply and check that the system is working correctly.

Wiring diagram



Terminal sdescription

A1 —  — A2

A1-A2
11-12

power supply
NC contact

11 —  — 12

Technical data

power supply	48 V AC/DC
maximum load current (AC-1)	6A*
nominal switching voltage	250 V AC/30 V DC
maximum switching voltage	400 V AC/125 V DC
contact	1×NC
use category	AC-7a
surge voltages	
contact – coil	4 kV
contact break	1 kV
current consumption	<8 mA
activation time	<20 ms
deactivation time	<20 ms
mechanical durability	min. 5×10^7 cycles
electrical durability	min. 1×10^4 cycles
power indication	green LED
power consumption	0,4 W
working temperature	-25÷50°C
terminal	2.5 mm ² screw terminals
tightening torque	0.4 Nm
dimensions	1/3 module (6,2 mm)
mounting	on TH-35 rail
ingress protection	IP20

* Load of a resistive nature [AC-1].

For loads of a different nature (e.g. LED lighting), the maximum load current may be significantly lower.

More information:

www.fif.com.pl/en/content/24-wskazowki



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 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 on the product page.