PR-603
PRIORITY RELAYS

CE
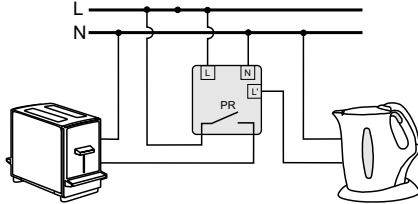
5 9 0 8 3 1 2 3 9 5 9 4 6

www.fif.com.pl

F&F products are covered by an 24 months warranty from date of purchase

PURPOSE

Priority relays are designed to control the value of current drawn by electric receivers and their control units in cases where their simultaneous work could result in circuit overload or current overload protection activation.

FUNCTIONING

By potentiometer sets the value of drawn current (from 2A to 15A;) in the priority circuit, above which the receiver cuts off the non-primary circuit. A drop in current consumption in the priority circuit below the set threshold value will result in an automatic activation of the non-priority circuit. In cases where the priority receiver is already activated, the priority relay will prevent the activation of the non-priority receiver.

ASSEMBLY

1. Take OFF the power.
2. Put on the priority relay to substrate by two screw terminals.
3. Connect supply to joints 1-3.
4. Supply cable of prority receiver out from joint 2 by transit channel. .
5. Supply system of non-priority a receiver connect in line to relay joint (terminals 4-5).
6. On the current scale of relay set activation thershold.

ATTENTION!

Current load of priority receiver could be more than 15A. IS limited only by section of power cable of receiver (galvanic separated from measurement system) put out from realy by transit channel.

TECHNICAL DATA

supply	230V AC
current load of non-prority receiver	<16A
	or more with use a contractor
current load of prority receiver	<16A
current of reconnection - to set	2÷15A
joint	1N/O
recovery hysteresis	10%
delay recovery	0,1sec
delay reconnection	0,1sec
power consumption	0,4W
working temperature	-25÷50°C
connection	screw terminals 2,5mm²
dimensions	50×67×26mm
fixing	2 screws to substrate

transit channel:	
isolation	glass silk impregnated by rubber
resistance of isolation	$10^3\Omega$
voltage of impenetrable of isolation	4,3kV
max. working temperature	180°C, class H

WIRING DIAGRAM

A090619