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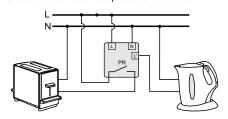
PR-615 PRIORITY RELAYS



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

PURPOSE

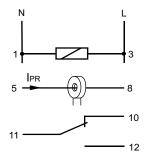
Priority relays are designed to control the value of current drawn by electric receivers and their control units in cases where their simultaneous work could result in circuit overload or current overload protection activation.



TECHNICAL DATA

230V AC supply <16A current load of non-prority receiver or more with use a contractor current load of prority receiver limited by the section of the receiver cable (max. Ø=4mm) joint 1N/O current of reconnection - to set 4÷30A recovery hysteresis 10% delay recovery 0,1sec delay reconnection 0,1sec power consumption working temperature 0.4W -25÷50°C screw terminals 2,5mm2 connection dimensions 1 module (18mm) fixing on rail TH-35

WIRING DIAGRAM



FUNCTIONING

By potentiometer sets the value of drawn current (from 4A to 30A) 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

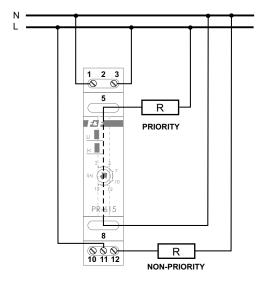
- 1. Take OFF the power.
- 2. Put on the priority relay on rail in the switchgear box. 3. Connect supply to joints 1-3 with marks.
- 4. Supply cable of prority receiver out from relay to joint 2 by transit channel.
- 5. Supply system of non-priority a receiver connect in line to relay joint (terminals 11-12).
 6. On the current scale of relay set activation thershold.

Set value no more than 80% current of priorityr eceiver

ATTENTION!

Current load of priority receiver could be more than 30A. Is limited only by section of power cable of receiver (galvanic separated from measurement system) put out from realy by transit channel.

Current load of non-priority receiver couldn't be more than 16A.



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