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PCR-513 UNI

TIMING RELAYS

lagged activation



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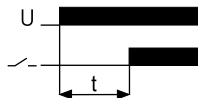
PURPOSE

Timing relays are devised to time the control of industrial and domestic automatic control engineering systems (e.g. entilation, heating, lighting, signalling, etc.).

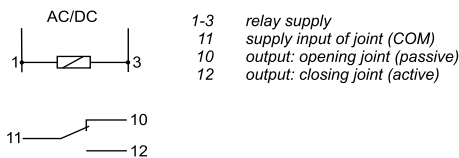
FUNCTIONING

Working mode: **LAGGED ACTIVATION**

After the power voltage is supplied (green LED is shining), contact is shifted to position 11-10 and the countdown of the preset value t is commenced. After the preset time t has been counted down, contact switch to position 11-12 (red LED is shining). The working sequence of the relay may be repeated after turning the power supply off and on.



INPUT/OUTPUT direction



ASSEMBLY

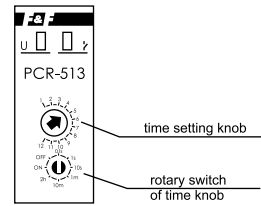
1. Take OFF the power.
2. Put on the relay on the rail in the switchgearbox.
3. Cables of power connect with wiring diagram.
4. System of switching ON receiver connect in line to joints 11-12.
5. By knob set work time.

TECHNICAL DATA

supply	12÷264V AC/DC
current load	<10A
joint	separate 1P
operation time	0,1sec+576godz
power supply indicator	green LED
operation mode indicator	red LED
power consumption	0,8W
working temperature	-25÷50°C
connection	screw terminals 2,5mm ²
dimensions	1 module (18mm)
fixing	on rail TH-35

WORK TIME SETTINGS

By time range switch $T \leftrightarrow$ set to one of chosen range and by setting time knob $T \times$ set value from 1 to 12. Product of this values is equal work time (e.g. $1m \times 7 = 7 \text{ min}$).



TIME RANGE

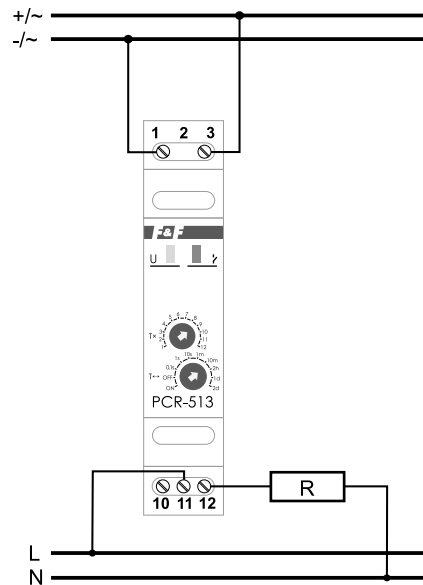
0,1s :	0, 1÷1,2 sec.	10m :	10÷120 min.
1s :	1÷12 sec.	2h :	2÷24 h.
10s :	10÷120 sec.	1d :	1÷12 days (24÷288 h.)
1m :	1÷12 min.	2d :	2÷24 days (48÷576 h.)

- ON** with power supply activated make to contact of joint in position 11-12.
- OFF** with power supply activated make to contact of joint in position 11-10.

ATTENTION!

- With the power supply on, the system does not respond to time range setting modifications.
- The newly set time range is active after the power supply has been turned off and on.
- With the power supply on, it is possible to regulate the preset time freely within the selected time range $1 \div 12$.

WIRING DIAGRAM



A110512