

TIMING RELAYS
with lagged deactivation

PCA-512
230V

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. More information how to make a complaint can be found on the website:
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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.

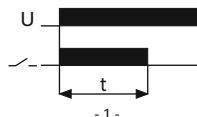
Purpose

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

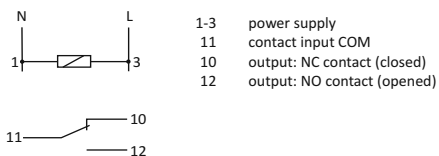
Functioning

Working mode: LAGGED DEACTIVATION

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



IN/OUT description



Assembly

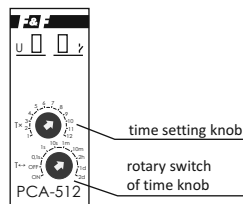
1. Take OFF the power.
2. Put on the relay on the rail in the switchgearbox.
3. Cables of power connect (with wiring diagram) to 1-3 contacts.
4. System of switching ON receiver connect in line to 11-12 contacts.
5. Adjust the working time.

Technical data

power supply	230V AC
current load	<10A
contact	separated 1xNO/NC
work time	0.1sec÷576h
switching ON delay	<50msec
power supply indicator	green LED
contact signalling deactivation	red LED
power consumption	0.8W
working temperature	-25÷50°C
terminal	2.5mm ² screw terminals
dimensions	1 module (18mm)
mounting	on TH-35 rail
protection level	IP20

Work time settings

By time range switch set to one of chosen range and by setting time knob set value from 1 to 12. Product of this values is equal work time (e.g. 1m×7=7 min).



Time ranges

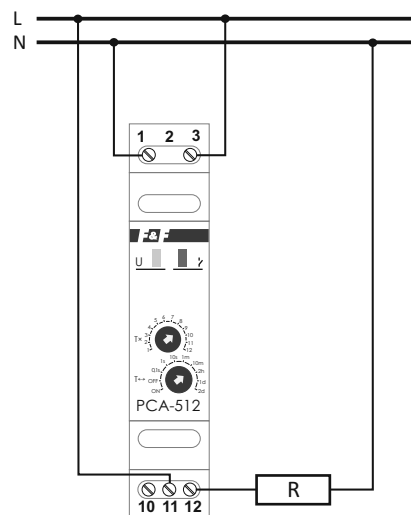
0.1s :	0.1÷1.2 sec	10m :	10÷120 min.
1s :	1÷12 sec	2h :	2÷24 h
10s :	10÷120 sec	1d :	1÷12 days (24÷288 h)
1m :	1÷12 min.	2d :	2÷24 days (48÷576 h)

- ON** position with power supply activated connection of contact in position 11-12.
- OFF** position with power supply activated connection of contact 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 1-12.

Wiring diagram



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