

Features

- When the power is turned on, the system does not react to changing the time range settings.
- Work with the newly set time range occurs after switching off and restarting the power supply.
- With the power supply switched on within the set time range, it is possible to smoothly adjust the time in the range of the time setting value.

RS PRO Timer Relays

RS Stock No.: 0323890



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

Product Description

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

Setting of two independent time values t1 and t2 (work time and interruption time).

General Specifications

Switch Configuration	DPST
Mode of Operation	One-shot, Interval
Contact Configuration	2NO/1NC;
Number of Timer Functions	Dual Function
Number of Contacts	2
Time Range	0 to 100Hrs, Min, Secs
Time Increment	10; 300; D:H: M:S; Days; Hour
Time Delay	10ms
Reset Time	100ms
Setting Error	±5% FS ±50ms max.
Accuracy	± 1% of maximum full scale
Adjustment Accuracy	< 5% of maximum full scale
Repeat Accuracy	± 0.5% at constant conditions
Power on indication / Timing	Green LED
Relay Status	Red LED
Housing	Orange flame retardant

Timing Ranges (7):		
Seconds	Minutes	Hours
0,1÷1,2 s	1÷12 min	2÷24h
1÷12 s	10÷120 min	1÷12d
10÷120 s		2÷24d

Electrical Specifications

Power Supply	External; Universal
Supply Voltage	230VAC;
Minimum Voltage	230VAC
Maximum Voltage	230VAC
Current Maximum	2 x 8A
Current Minimum	1A
Frequency Range	48Hz to 63Hz (AC supplies)
Relay Output	2 Relays: 250V AC, 8A (for resistive load), NO and NC control output
Terminal Type	Screw
Terminal Conductor Size	≤ 2 x 2.5mm ² solid or stranded
Contact Material	Ag CuNi; Cadmium
Supply Variation	+/- 15%
Overvoltage category	III (IEC 60664)
Rated Impulse Withstand Voltage	4kV (1.2/50μS)
Dielectric Voltage	2kV AC (rms)
Drift with Voltage	±0.2%/V
Electrical Life	≥150,000 ops at rated load

Mechanical Specifications

Mounting Type	DIN-Rail
Depth	70mm
Width	90mm
Length	18mm
Minimum Panel Thickness	3.5mm
Weight	70g

Operation Environment Specifications

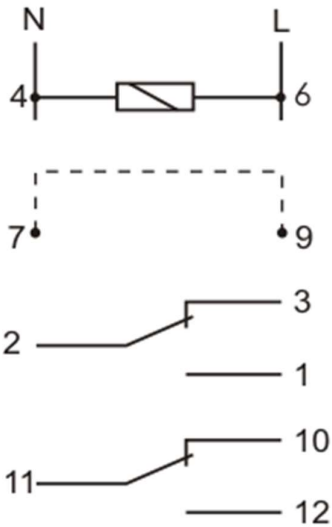
Maximum Operating Temperature	70°C
Minimum Operating Temperature	-25 °C
Ambient Temperature	-25 to 50°C
Drift with temperature	± 0.05% / °C
Relative Humidity	+95%

Protection Category

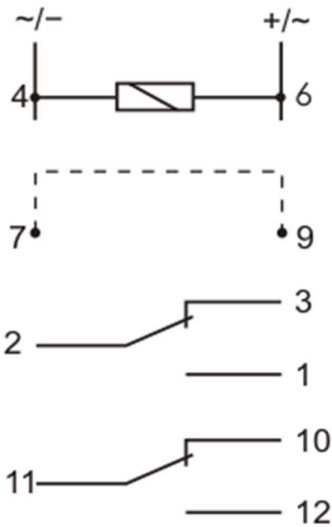
IP Rating	IP20; IP40
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Approvals

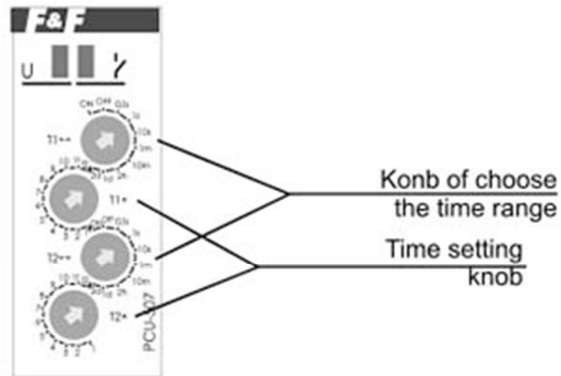
Compliance/Certifications	CE / UL94 / C-tick certified
Standards Met	EN61812-1 and IEC60664-1 (VDE0110) 4kV/2; EN60947-5-1
Declarations	



230V



24V



Description of the front panel