

DUAL TIMERS II-PIN PLUG-IN MODULES



DESCRIPTION

Two timers sharing a common power supply but independently time adjustable.

OVERVIEW

This module will give you many years of service and is guaranteed for 12 months against faulty workmanship and materials. In addition a full repair service is available through ACDC Dynamics branch.

INSTALLATION

This module should be installed by a competent electrician in accordance with the relevant diagram. Read these instructions carefully to ensure that the correct functions / settings / control voltage are correct prior to switch on.

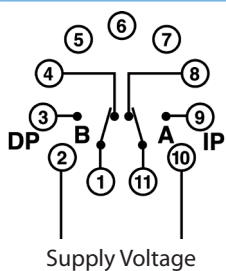
FEATURES

- **DP/DP** Two delay on timers independently time adjustable 2 x SPDT relays
- **DP/IP** One delay on timer and one interval timer 2 x SPDT relays
- Failsafe Operation
- Extensive supply voltage ranges
- Time adjustment on calibrated scale
- High repetitive accuracy
- 10A single pole relays
- External Timing Potentiometers possible (Pins 5 & 6 and 6 & 7)

Supply Voltages Available

AC Supply	Galvanic isolation input transformer 12, 24, 48, 115, 230, 400, 525VAC ±15%
DC Supply	12, 24, 48VDC

Connection Diagram



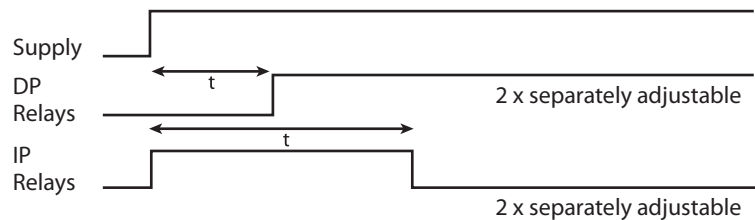
OPERATION - DP Timer

Upon application of the supply voltage the time delay period begins and the Power LED is on. On expiry of the set time delay the relay will energise and the relay LED is on. The timer remains in this state until power is removed to reset the unit.

OPERATION - IP Timer

Upon application of the power the relay will energise and the Power and Relay LED's will be on, the timing period begins. On expiry of the set time period the relay will de-energise and the Relay LED will be off. The timer remains in this state until power is removed to reset the unit.

Delay on Operation



Time Ranges Available

0.02 - 1sec	3 - 180sec	0.25 - 15min	0.08 - 5hrs
0.05 - 3 sec	6 - 360sec	0.05 - 30min	0.1 - 6hrs
0.2 - 10sec	10 - 600sec	1 - 60min	0.13 - 8hrs
0.5 - 30sec	15 - 900sec	2 - 120min	0.26 - 16hrs
1 - 60sec		3 - 180min	0.4 - 24hrs

Specifications

Range Accuracy	±5%
Repeatability	1%
Scale Accuracy	±5%
Reset Time	350ms
Operating Temperature	-20°C to 70°C
Power Consumption AC	1.5VA
Power Consumption DC	100mA @ 12VDC
Contact Rating SPDT / Inst	10A / 250VAC
Contact Rating DPDT	5A / V 250VAC
For External Potentiometer Use	1MΩ

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