

EQUAL REPEATING TIMER 8-PIN PLUG-IN MODULES

EP1 / EP2



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.

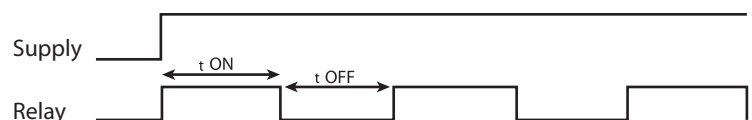
INSTALLATION

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.

OPERATION

Upon application of the supply voltage the relay energises for the ON period, the power and relay LED's are on and the timing period begins. On expiry of the set ON time period the relay will de-energise and the relay LED is off and the OFF time period begins. On expiry of the OFF time period the timing cycle starts again and continues until power is removed.

Delay on Operation



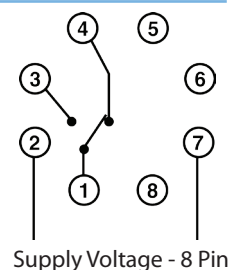
Time Ranges Available

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

Connection Diagram



Supply Voltage - 8 Pin

APPLICATION EXAMPLES

- Where equal ON and OFF times are required (Pulse train)

FEATURES

- **EP1** SPDT relay • **EP2** DPDT relay
- Failsafe Operation
- Extensive supply voltage ranges
- Time adjustment on calibrated scale
- High repetitive accuracy
- 10A single pole relays (EP1) and 5 Amp double pole relay (EP2)
- External Timing Potentiometer possible (Pins 5 & 6)

Supply Voltages Available

Multi Voltage	No galvanic isolation 24 - 250VAC/DC (EP1 & EP2)
AC Supply	Galvanic isolation input transformer 12, 24, 48, 115, 230, 400, 525VAC ±15%
DC Supply	12, 24, 48VDC

BRANCH CONTACT DETAILS

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