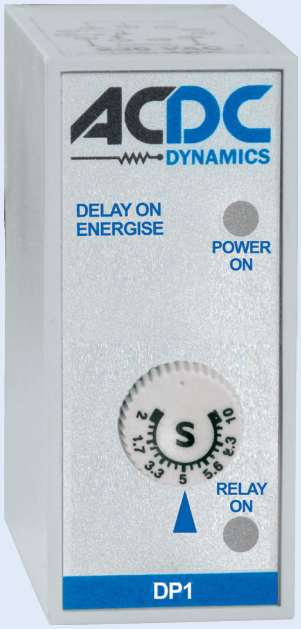
DELAY ON TIMER II-PIN PLUG-IN MODULES

DP1 / DP2 / DP3



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.

APPLICATION EXAMPLES

Delay energisation of loads on power-up.

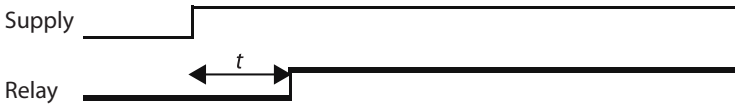
FEATURES

- DP1 SPDT relay
- DP2 DPDT relay
- DP3 SPDT + INST relay
- Failsafe Operation
- Extensive supply voltage ranges
- Time adjustment on calibrated scale
- High repetitive accuracy
- 10A single pole relays (DP1 & DP3) / 5 Amp double pole relay (DP2)
- External Timing Potentiometer possible (Pins 5 & 6)
- 8 pin available on special request

Supply Voltages Available	
Multi Voltage	No galvanic isolation 24 - 250VAC/DC (DP1 & DP2 only)
AC Supply	Galvanic isolation input transformer 12, 24, 48, 115, 230, 400, 525VAC ±15%
DC Supply	12, 24, 48VDC

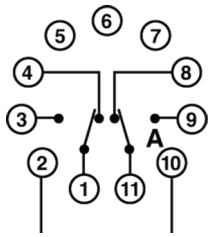
OPERATION

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.



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



Supply Voltage
A = Instantaneous Contact

BRANCH CONTACT DETAILS

Johannesburg:	010 202 3300
Cape Town:	021 510 0710
Pinetown:	031 700 4215
Germiston:	011 418 9600
Riverhorse:	031 492 4800