

STAR-DELTA TIMER II-PIN PLUG-IN MODULES

SDP1



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.

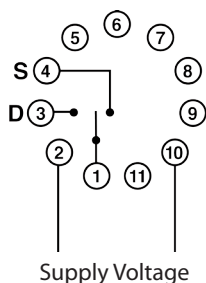
FEATURES

- SDP1 SPDT 10A relay
- Failsafe Operation
- Extensive supply voltage ranges
- Time adjustment on calibrated scale
- High repetitive accuracy
- External Timing Potentiometer possible (Pins 5 & 6)
- 8 pin available on special request

Supply Voltages Available

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

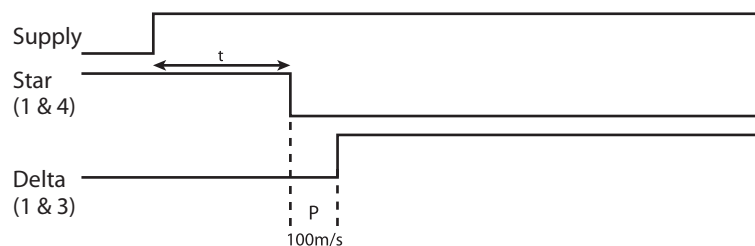
Connection Diagram



OPERATION

Upon application of the supply voltage powerLED is on and connection 1 & 4 is made and the time period starts for STAR connection. On expiry of the STAR set time connection 1 & 4 opens and remains in neutral position for 100ms. After 100ms pause connections 1 & 3 are made for the DELTA connection, the DELTA LED is on. The module remains in this condition until supply power is removed.

Delay on Pulse Closing Start



Specifications

Time Ranges (Star)	30sec, 60sec
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

BRANCH CONTACT DETAILS

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