THREE START ATTEMPT TIMER

II-PIN PLUG-IN MODULES

ACDC DYNAMICS
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TSAP1



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

Repeated start attempts of standby generator with start failure alarm.

FEATURES

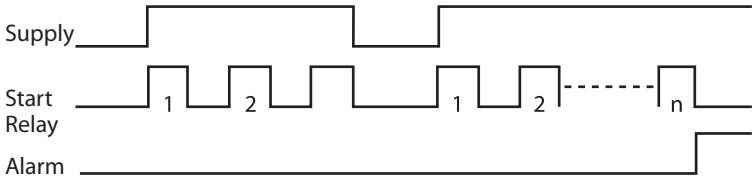
- 2 x 10A SPDT relays
- DIP switch setting for start atempts (3 - 6 attempts)
- Failsafe Operation
- Extensive supply voltage ranges
- Time adjustment on calibrated scale
- High repetitive accuracy
- Start time adjustable 0.5 - 30sec

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

OPERATION

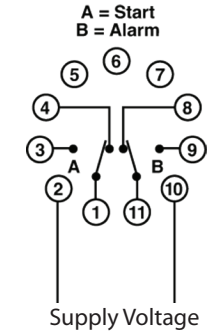
On applications of the supply voltage the start relay operates for the pre-adjusted time period and the Start On LED is on. On expiry of the Start time period the start relay de-energises for a Dwell time period (equal to the start time period. The Start On LED is Off The cycle then repeats up to the number of Starts set by the DIP switches. When this number is reached and the supply is still on the Alarm relay will sound and the start relay is inhibited. The module will retain this configuration until the supply is removed to reset the module.

Delay on Operation



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

Connection Diagram



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