

OVER/UNDER CURRENT MONITOR II-PIN PLUG-IN MODULES

CWP1



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 functions / settings / control voltage are correct prior to switch on.

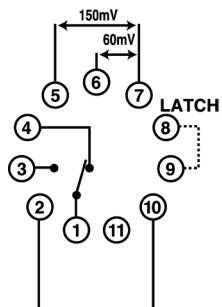
FEATURES

- Fail safe operation
- Startup delay 10 seconds
- External latch (requires normally open switch 8 & 9)
- Green LED indicates relay energised
- Red LED Over load fault
- Red LED Under load fault
- Hysteresis (Trip recovery) fixed at 2% tripping level
- Over / Under load adjustable from 0 - 100%
- SPDT relay 10A / 250VAC
- For external potentiometer use 10kΩ

Supply Voltages Available

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

Connection Diagram



Supply Voltage

OPERATION

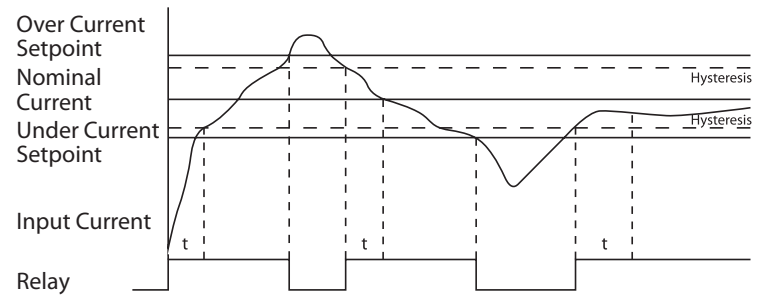
On switch on the module will ignore the current for a start up delay of 10s (for circuit to stabilise). The relay will then energise (providing the current is between the adjustable over / under load set points). Thereafter if the current exceeds the adjustable set limits the relay will de-energise. The relay will re-energise when the current passes through the preset adjustable hysteresis level. If latching is active the relay will remain de-energised until reset.

Link 8 & 9 active latching control

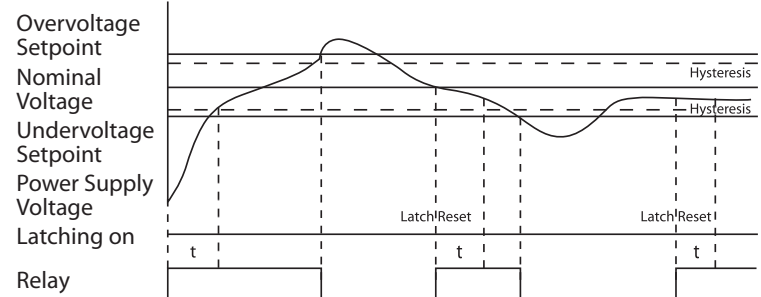
Input 5 & 7 0 - 1A

Input 6 & 7 0 - 5A

Latching Inactive



Latching Active



Specifications

Ambient Temperature	-20°C to 70°C
Power Consumption AC	1.5VA
Power Consumption DC	100mA @ 12VDC
SPDT Relay	10A / 250VAC
Isolation Test Voltage	2kV

BRANCH CONTACT DETAILS

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