

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

WCPT1



THREE PHASE

FEATURES

- Fail safe operation
- External latch (requires normally closed switch 8 & 9)
- 10 second start up delay (7 & 8)
- 180 second fault restart delay (6 & 8)
- Green LED indicates healthy supply
- Red LED Over voltage fault
- Red LED Under voltage fault
- Hysteresis (Trip recovery) fixed at 2% tripping level
- SPDT relay 10A / 250VAC
- Over / Undervoltage adjustable from 5 - 30%

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.

OPERATION

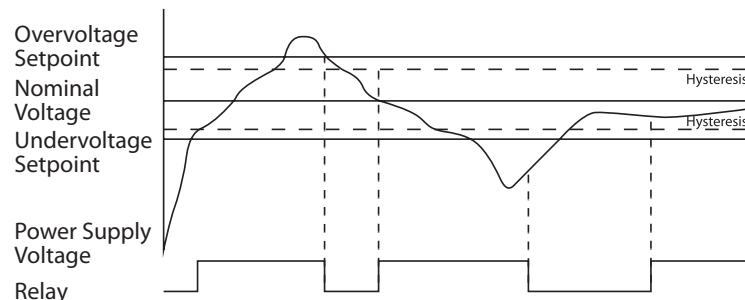
This single phase voltage window comparator monitors the supply voltage. The output relay will energise if the voltage is within the adjustable over and undervoltage limits and will de-energise when the voltage is outside this window. The relay will re-energise once the fault condition is clear.

Link 8 & 9 with N/C switch to active latching

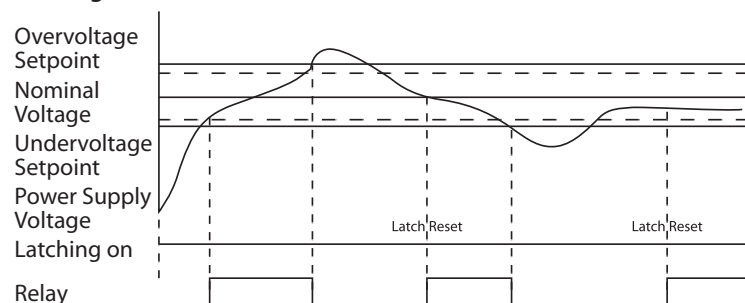
Link 7 & 8 to active 10s start-up delay

Link 6 & 8 to active 180s fault restart delay

Latching Inactive



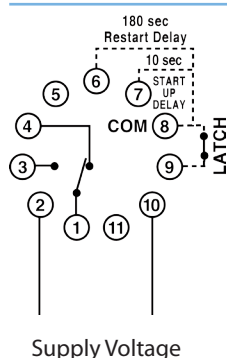
Latching Active



Supply Voltages Available

AC Supply	Galvanic isolation input transformer 12, 24, 48, 115, 230, 400, 525VAC $\pm 15\%$
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Connection Diagram



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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NATIONAL CALL CENTRE

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