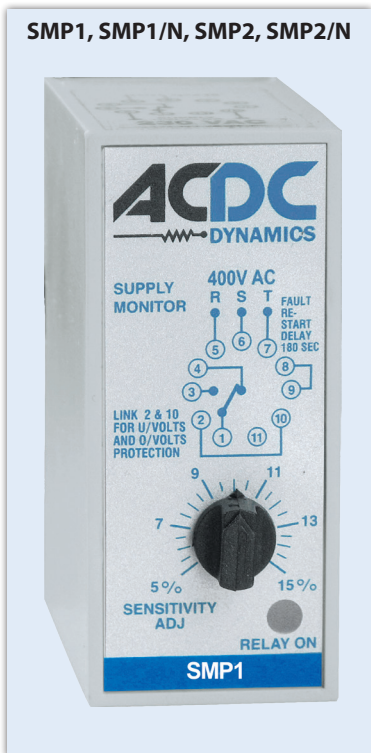


# PHASE FAILURE & SEQUENCE RELAY II-PIN PLUG-IN MODULES



## 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

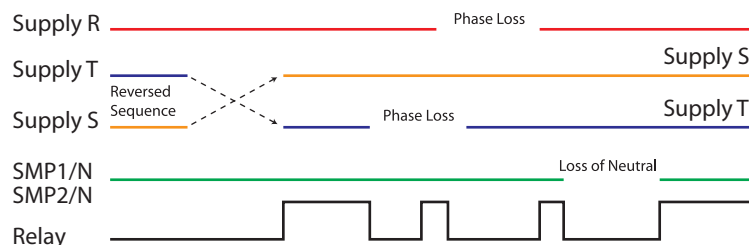
This module should be installed by a competent electrician in accordance with the relevant diagram. Read these instructions carefully to ensure that the functions / settings / control voltage are correct prior to switch on.

## OPERATION

This module monitors the supply of 3 and 4 wire three phase systems. The output relay will energise if all phase are present and in the correct sequence and are balanced within 5 - 15% (adjustable) of each other. The relay will de-energise on loss of phase, Incorrect sequence or phase imbalance. Additional feature only for **SMP1 / SMP1/N** Link 8 & 9 provides a 180sec fault restart delay Link 2 & 10 provides over/under supply voltage protection fixed at 15% of nominal.

## FEATURES

- Fail safe operation
- **SMP1**: Three phase monitoring SPDT relay output
- **SMP1/N**: Three phase + neutral monitoring SPDT relay output
- **SMP2**: Three phase monitoring DPDT relay output
- **SMP2/N**: Three phase + neutral monitoring DPDT relay output
- **SMP1, SMP1/N** only: Link 8 & 9 provides a 180sec fault restart delay  
Link 2 & 10 provides over/under supply voltage protection fixed at 15% of nominal
- Green LED indicates healthy supply
- Hysteresis (Trip recovery) fixed at 2% tripping level
- SPDT relay 10A / 250VAC
- DPDT relay 5A / 250VAC



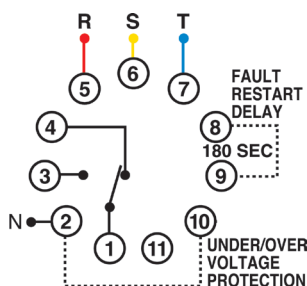
## Specifications

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

## Supply Voltages Available

AC Supply	115, 230, 400, 525VAC ±15%
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## Connection Diagram



## BRANCH CONTACT DETAILS

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

## NATIONAL CALL CENTRE

Sales	010 202 3400
Technical	010 202 3500

[www.acdc.co.za](http://www.acdc.co.za)