

# DIFFERENTIAL RELAY II-PIN PLUG-IN MODULES



## OVERVIEW

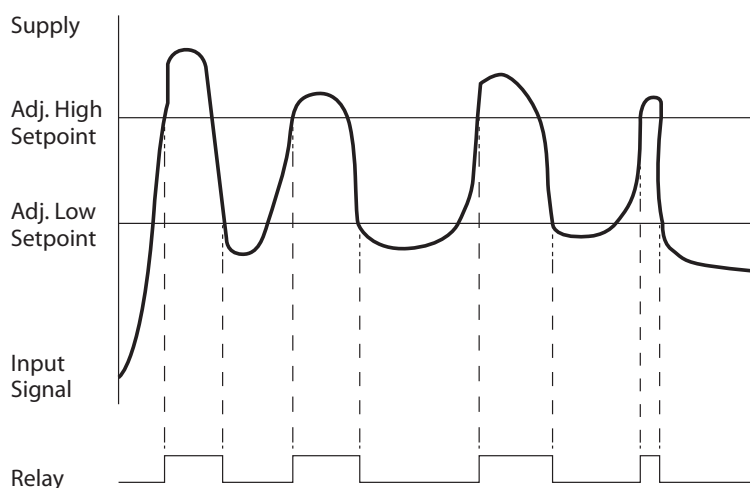
This module will give you many years of service and is guaranteed for 12 months against faulty workmanship and materials. In addition a full repair service is available through ACDC Dynamics branch.

## INSTALLATION

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

## OPERATION

On application of power the Power LED is on and the relay is normally de-energised and will energise when the input signal reaches the high set point, set by adjusting potentiometer. The Relay LED will be on. The relay will de-energise Relay LED off when the input signal drops below the low set point set by adjusting potentiometer. The relay will re-energise when the input signal rises to the high set point again.



## FEATURES

- 2 Independantly adjustable relay outputs.
- **DIR**: Link 6 & 7 for 0 - 20mA, No Link for 4-20mA
- **DIRV**: No Link 6 & 7 for 0-5V, No Link for 1-5V

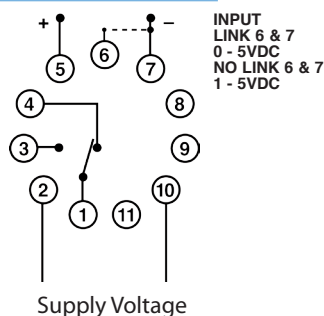
## Supply Voltages Available

|           |                                                                                   |
|-----------|-----------------------------------------------------------------------------------|
| AC Supply | Galvanic isolation input transformer 12, 24, 48, 115, 230, 400, 525VAC $\pm 15\%$ |
| DC Supply | 12, 24, 48VDC                                                                     |

## Specifications

|                            |               |
|----------------------------|---------------|
| Range Accuracy             | $\pm 5\%$     |
| Repeatability              | 1%            |
| Scale Accuracy             | $\pm 5\%$     |
| 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



## 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)