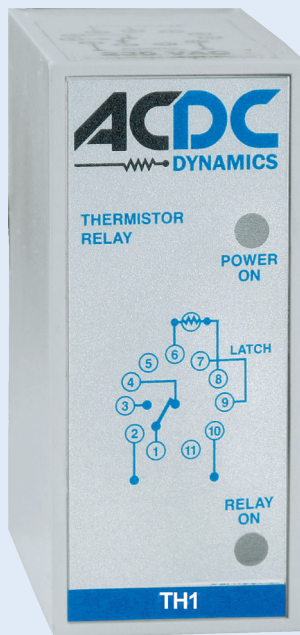


THERMISTOR RELAY II-PIN PLUG-IN MODULES

TH1



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

Under power the relay is normally energised and the Power and Relay LED's are on. If one of the thermistors reaches the tripping temperature the relay de-energises and the relay LED is off. The relay will re-energise when the temperature drops to below the trip level.

LATCHING

If pins 7 & 9 are linked the relay will remain de-energised after a trip. Reset is accomplished by breaking the supply, or operating a N/C reset device connected to pins 7 & 9

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
For External Potentiometer Use	1MΩ

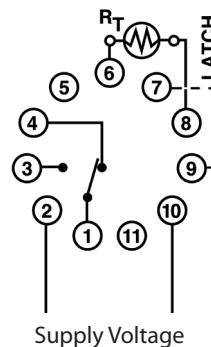
FEATURES

- Tripping resistance 1.2kΩ
- Number of Thermistors not to exceed 1kΩ in total

Supply Voltages Available

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

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