THERMALOGIC®

TempGuard® Analog

Analog Based Non-Indicating Temperature and Process Controls

PRODUCT FEATURES

Built to Order Philosophy:
- Per Customer Specifications
- Prompt Delivery
- Proven Designs
- Turnkey Solutions

Custom Designs:
- Inputs
- Outputs
- Power
- Setpoint Setting Options
- Packaging
- Termination

Standards:
- RoHS Compliant Available
- NIST Traceable Calibration

PRODUCT SPECIFICATIONS

Inputs:
- RTD, Thermistor, Thermocouple
- Voltage, Current

Outputs:
- ON/OFF, Voltage, Current
- TTL Level, Relay

Power Supplies:
- VDC, VAC, Universal

Alarms:
- Relay, TTL, Voltage

Setpoint Adjustment:
- Remote, On Board, Fixed, Custom Dials

Packaging:
- Encapsulated
- Custom Styles

PRODUCT COMMITMENT

Built to Last:
- 4 Year Warranty
- Rugged Construction
- Durable Designs
- Wide Ambient Ranges Available
- Encapsulation Available
- Mil-Spec Components Available

Full Service Factory Direct:
- Sales
- R&D
- System Analysis
- Product Design
- Manufacturing
- Quality Control
- Warranty Support
- Customer Support

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TempGuard® Analog Non-Indicating Controls

Thermalogic specializes in efficient delivery of built to order controls. Our custom build philosophy offers solutions that are not readily available with many off-the-shelf products. Thermalogic can work from your drawings, sketches, descriptions, ideas or obsolete units to meet your exact control needs. Below is a representation of an almost infinite array of our custom controls. The specifications listed below are just a small sample of what is available. **CUSTOM SPECIFICATIONS DO NOT MEAN LONG DELAYS.**
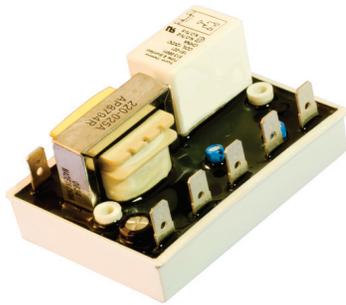
15A Relay ON/OFF Control
AA Series Case: 3.2" x 2.3"

Packaging

◊ 3.2" x 2.3" Encapsulated
◊ 3.2" x 2.6" Encapsulated
◊ 3.5" Square Encapsulated
◊ 4.5" x 3.0" Encapsulated
◊ Custom Encapsulated
◊ Custom Open PC Board
◊ Vast Library of PC Boards
◊ Wall Mount Enclosure
◊ Custom Enclosure

Inputs

◊ Thermistor
◊ RTD
◊ Thermocouple
◊ Logic VDC
◊ Logic VAC
◊ Logic current
◊ Analog VDC
◊ Analog Current
◊ Frequency

30A Relay ON/OFF Control
On-Board Potentiometer & Dial

Outputs

◊ Relay
◊ Solid State
◊ Analog VDC
◊ Analog Current
◊ Triac
◊ FET
◊ TTL level

Power

◊ Battery
◊ 120 VAC
◊ 208 VAC
◊ 240 VAC
◊ 480 VAC
◊ 24 & 48 VAC
◊ 3.3 to 48 VDC

SSR Proportional Control
EA Series Case: 3.2" x 2.6"
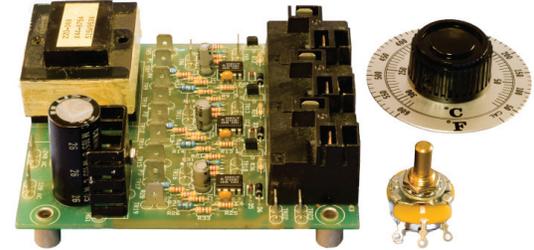
3 Zone ON/OFF Control Remote
Potentiometers & Dials

Terminations

◊ 1/4" Fast-Ons
◊ 3/16" Fast-Ons
◊ Terminal Blocks
◊ Euro Style Connectors
◊ Plug-in Connectors
◊ Locking Connectors
◊ Military Connectors
◊ Pigtail Wire Leads
◊ Custom Harnesses
◊ Right Angle Connectors
◊ Vertical Connectors
◊ Miniature Connectors

Setting Options

◊ On-Board Trim Pot
◊ Remote Pot & Dial
◊ On-Board Pot & Dial
◊ Custom Scale Dials
◊ Match Your Scale
◊ Rear Bracket Mount
◊ Fixed Setpoint
◊ Jumper Selectable
◊ Switch Selectable
◊ Dipswitch Selectable

Dual Zone ON/OFF Control
BA Series Case: 3.5" x 3.5"
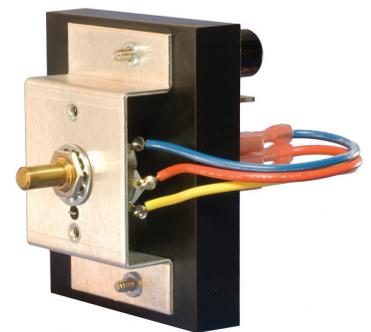
Single Zone ON/OFF Control
Rear Panel Mount Bracket

Temperature, Humidity, Process Controls, Sensors & Transmitters
Design, Engineering, Manufacturing for OEMs & Volume Users

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