

Digital Switch

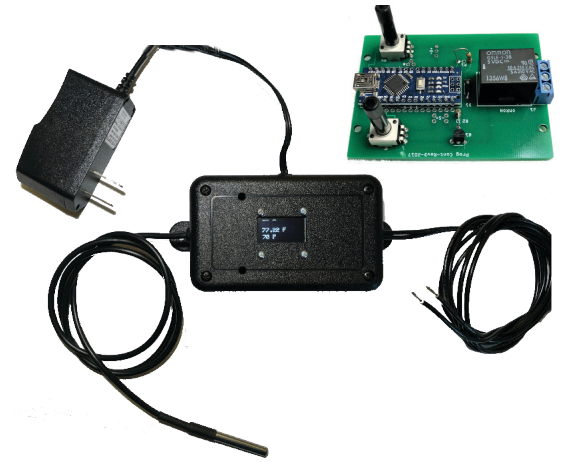
Designed by Senasys, the D series digital switch allows for fast, easy set points, limits and differentials. Use it stand alone or design it into your next machine.

Our 3 base models are listed, but many other options are available. Let us know what you need to measure and switch.

MODEL DA Designed Preset (Non-Adjustable). Temperature and differentials are burned into a chipset. No Display, Blue/Red LED Indicator

MODEL DB Designed to be preset and not easily adjusted, the DB series requires the cover be opened to adjust the settings or use of access holes for adjustment. Comes with Display.

MODEL DC External Adjustment for ease of setting. Dual Adjusting knobs allow for quick operator adjustment. System has LED Display



Digital Switch with 120 VAC Power Supply

Digital Switch Specifications

SWITCH ACTION SPDT/ST

SWITCH RATING Resistive Loads 10A@120V AC, 8A@30V DC
Inductive Loads 5A@120V AC, 4A@30V DC

TEMPERATURE RANGE -50°F TO 200°F

Differential Range 0° to 250°

Data logging feature available

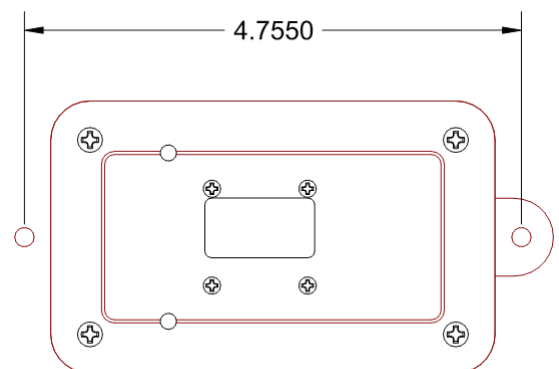
Additional software and USB Cable required

SENSOR LEADS Standard length 36 inches, No terminals

ALL MODELS REQUIRE 5V DC TO OPERATE.

Model Shown using 120 VAC to 5 VDC wall plug convertor.

Other power options available, contact us!



Enclosure size 4.25" x 2.625" x 1.26" (5.367" including mount flanges)

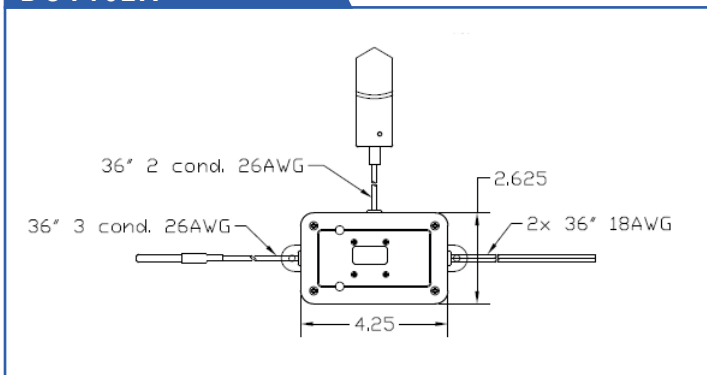
CUSTOM OPTIONS, SUCH AS, AMPERAGES, LEAD LENGTHS, CASE AND DISPLAY CONFIGURATIONS, SENSORS AND THERMAL WELLS ARE AVAILABLE UPON REQUEST.

| PREFIX | TYPE OF SWITCH | SENSOR TYPE | AMPERAGE | SENSOR STYLE | POWER OPTIONS | |
|--------|---|---------------|------------------------------|--|--------------------------------------|----------------------|
| D | A Fixed Set Point w/ LED Light | T Temperature | 1 10 Amps @ 120V AC Standard | 01 RTD -50°F-200°F | A 120V AC Power Supply Standard | |
| | | | | 02 RTD w/ Probe -50°F-200°F | | |
| | B Internal Screw Adjustment w/ OLED Display | | 2 16 Amps @ 120V AC | 03 Sealed RTD, Surface Mount -50°F - 200°F | B No Power | |
| | | | | 04 Pressure 0-200 psig | | |
| | C Operator Knob Adjustment w/ OLED Display | | P Pressure | 0 No Relay | 05 Capillary Probe | C 120V AC Wire Leads |
| | | | | | 06 K-Type Thermocouple 150°F-1,000°F | |

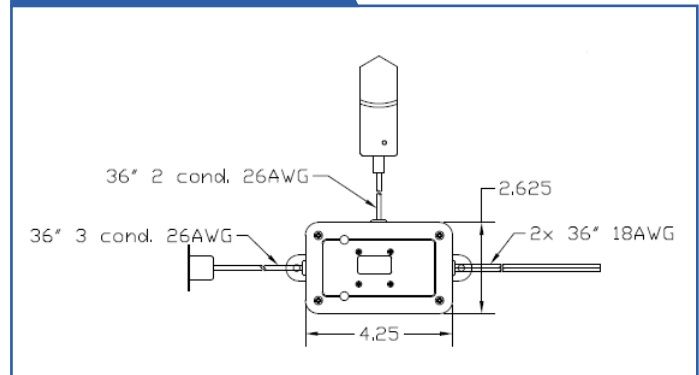


**Alternate configurations available, contact factory direct.*

DCT102A



DCT103A



Digital Switch Request for Quote

COMPANY NAME _____ DATE _____

ADDRESS _____ STATE ____ ZIP CODE _____

CONTACT NAME _____ PHONE _____

E-MAIL _____

APPLICATION DETAIL _____

_____ ANNUAL USAGE _____

Application Requirements

MODEL TYPE

- Preset, No Display Internal Screw Adjustment & Display Operator Screw Adjustment & Display

SENSOR TYPE

- Temperature Pressure Other _____

Unit of Measure (i.e. °F) _____ Max. Unit of Measure (Limit) _____ Differential (Set or Range) _____

- STANDARD Digital Thermometer (36" Wire Leads, -50°F to 200°F, Round 0.250" O.D. x 2" SS Round)

- Probe Style Epoxy Sealed, Surface Mount

Fittings and Thermal Well, Please Describe _____

SWITCH TYPE

Volts _____ AC _____ DC _____ Amps _____ (Resistive) Amps _____ (Inductive)

Standard option is available with 36 inches wire leads, and no terminals. If customer, please specify:

Lead Length _____ (inches) Terminals _____

INPUT POWER Requires 5VDC - Please choose an option below.

- STANDARD 120 VAC to 5VDC Wall Plug (Standard 36 inch wire leads)

- None (Customer must provide 5VDC with leads.)

- Lead Only (Standard Length is 36 inches, no terminals.)

If Special, Please Describe _____