

Touch Sensor

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CT-3

- ◆ 2 Amp
- ◆ Touch Momentary On
 - ◆ No moving parts
 - ◆ Vandal resistant, solid
 - ◆ Thru-hole mounting
 - ◆ C²T technology
 - ◆ Custom engraving



Using a unique C²T Technology, the GRI Touch Sensor can sense and respond to the slightest human touch. The CT3 was developed by GRI to replace mechanical switch applications. The CT3 can be mounted on metallic and non-metallic surfaces. Metal surfaces cannot exceed 1 square foot and cannot be grounded. The CT3 comes in a very cost effective package frequently costing less than the mechanical switch being replaced. Applications include industrial panels, appliance control, access systems, corrections facilities, light switches, elevator buttons, etc. Custom applications are encouraged and welcomed at GRI. The CT3 is blank and can be custom engraved.

Relay Output

CT3-2-1	12-24 VDC	Momentary Touch Sensor	C Form Relay	2 Amp
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WARRANTY: One year warranty against workmanship, material and factory defects.

GEORGE RISK INDUSTRIES, INC.
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INSTALLATION:

Drill a 7/8" hole. Insert the nut and tighten until finger tight.

NOTE: If more secure mounting is required, see diagram for D-hole dimensions.

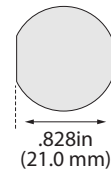
Insert the switch, connecting the red wire to 12 to 24VDC. Connect the black wire to the power ground.

CAUTION: Do not mount switch to grounded metal surfaces. Do not hook white or green wires to AC type signal or source.

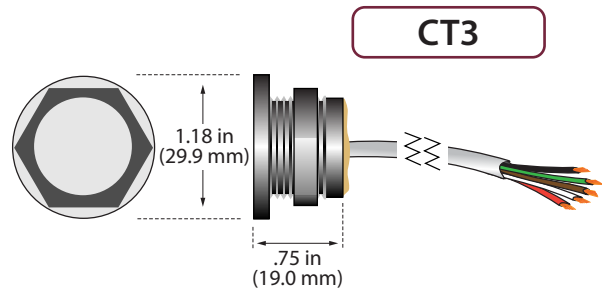
Test the switch by arming the zone and then touch switch.

D-hole Diagram

R.438 (Ø 0.875)



CT3-2-1 Relay normally de-energized: when touched relay energizes: when release relay de-energizes. White is the relay common, green is normally closed and brown is normally open.



Specifications

Five-wire touch switch, 12-24 VDC, ground, common, N/O, N/C

Touch activated by human hand.

Low current draw. Output rated at 2 amp. New Advanced C²T technology.

CAUTION: DO NOT MOUNT ON A GROUNDED METAL SURFACE!

INPUT	Voltage	: 12 to 24VDC max.	RELAY	Voltage	: 25 volts DC max.
	Current	: 28 mA max.		Current	: 2 amp
			Power	: 50 watts	

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