

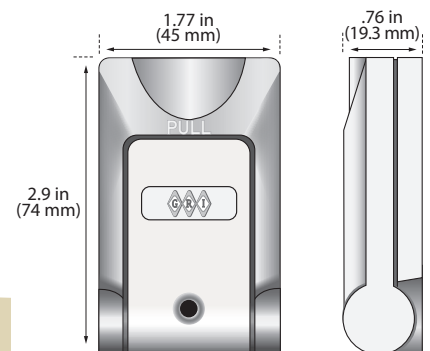
Panic Switch

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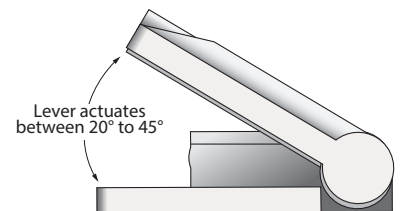
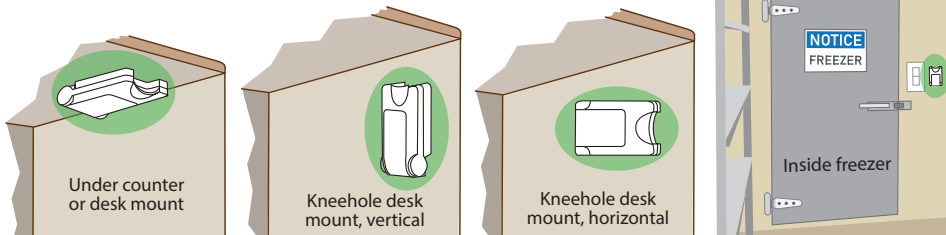


GR3045 Series *UL pending*

- ◆ Easy installation
- ◆ Mounts underneath or on the side of desk or counter
 - ◆ Mounts horizontal or vertical
- ◆ Smooth housing prevents accidental clothing damage
 - ◆ Actuating lever designed for finger tip
- ◆ Reed contacts reset when lever is in closed position
 - ◆ Closed Loop and SPDT outputs available
- ◆ Cold temp versions for refrigerators and freezers
- ◆ Latching and Non-Latching LED indicator available
- ◆ Screw terminals and 12 ft. jacketed leads available
- ◆ Available in white



Suggested mounting options.



Part Numbers

	LED	Loop	Terminal	Operating Temperature
GR3040	Latching-Red	Open/Closed	5 screw terminals	32°F to 140°F (0°C to 60°C)
GR3040CT	Latching-Red	Open/Closed	12 ft jacketed leads	-40°F to 140°F (-40°C to 60°C)
GR3045	No LED	Closed Loop	2 screw terminals	32°F to 140°F (0°C to 60°C)
GR3045CT	No LED	Closed Loop	12 ft jacketed leads	-40°F to 140°F (-40°C to 60°C)
GR3046	No LED	Open/Closed	3 screw terminals	32°F to 140°F (0°C to 60°C)
GR3046CT	No LED	Open/Closed	12 ft jacketed leads	-40°F to 140°F (-40°C to 60°C)
GR3050	Latching-Red/Green	Open/Closed	5 screw terminals	32°F to 140°F (0°C to 60°C)
GR3055	Non Latching-Red/Green	Open/Closed	5 screw terminals	32°F to 140°F (0°C to 60°C)

WARRANTY: One year warranty against workmanship, material and factory defects.

GEORGE RISK INDUSTRIES, INC.
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INSTALLATION

MOUNTING INSTRUCTIONS

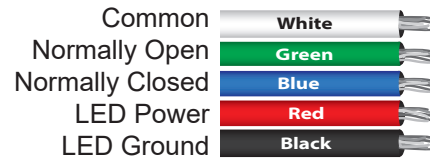
1. Determine the best mounting position so that the panic switch can be easily found and reached in an emergency, but that will not attract attention when the user activates the switch. Typical locations are on the underside of a counter top, on the side of a knee hole of a desk, in a hallway or bedroom, or near an entryway. The unit can be mounted horizontally or vertically and should be mounted low enough so that a person could reach it from the floor. Three inches of clearance above the mounting surface is required so that the lever can be fully opened.
2. Temporarily place the switch where it will be mounted and mark the screw locations.
3. Drill pilot holes or start the screws to make installing screws easier.
4. **Terminal Version:** Connect the wires to the terminals per the wiring instructions before mounting switch.
5. After wiring is complete, install screws through the switch housing and firmly secure in place.
6. **Leaded Version:** After securing switch in place, run wire cable as needed and connect wires per the wiring instructions.
7. Test unit by pulling the lever and then closing it again.

WIRING INSTRUCTIONS

The switch circuit is not latching on all versions and will re-activate when the lever is closed. The LED circuit is either latching or non-latching. To reset the latching version, LED power must be disconnected. Adding a switch in series with the LED power to one or more Panic Switches is an easy way to reset all the latched switches.

WIRING DIAGRAM FOR LEADED VERSIONS

GR3040CT



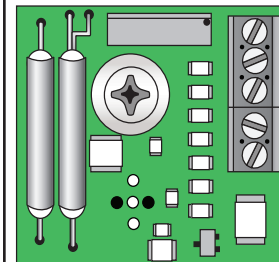
GR3045CT



GR3046CT



WIRING DIAGRAM FOR TERMINAL VERSIONS



Normally Closed
Normally Open
Common
LED Ground
LED Power

GRI PRODUCTS MEET OR EXCEED THESE MINIMUM GENERAL SPECIFICATIONS:

Part Number	Loop Type	Electrical Configuration	Reed Form	Max Initial Contact Resistance	Max Contact Rating (W)	Max Switching Voltage (VDC)	Max Switching Current (A)
GR3040	Open/Closed	SPDT	C	0.140	5	175	0.250
GR3040CT	Open/Closed	SPDT	C	0.140	5	175	0.250
GR3045	Closed Loop	N/O	A	0.150	10	160	0.500
GR304CT	Closed Loop	N/O	A	0.150	10	160	0.500
GR3046	Open/Closed	SPDT	C	0.140	5	175	0.250
GR3046CT	Open/Closed	SPDT	C	0.140	5	175	0.250
GR3050	Open/Closed	SPDT	C	0.140	5	175	0.250
GR3055	Open/Closed	SPDT	C	0.140	5	175	0.250

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