

REGENT'S

# QuickTripper2™

SAFETY MONITOR & MACHINE GUARD RELAY

## Features

- Contact sensing for ribbon switches or safety floor mats.
- Monitors circuit integrity (loop break detection).
- Complete isolation between line, load, and logic terminals.
- Compact size. DIN rail or panel mount.
- Positive-guided, redundant output relays.
- Regent's 1 Year Warranty.



## Ideal for:

- ▶ Ribbon or edge switch monitoring
- ▶ Safety floor mat sensing
- ▶ Machine guarding

The *QuickTripper2* senses contacts such as ribbon switches or safety floor mats used in machine guarding. If an input contact closes momentarily, the relay quickly turns off the load and latches off. The *QuickTripper2* can be reset by momentarily closing a customer-supplied Reset switch.

The relay also features loop break detection: the relay's output turns off if wiring to the ribbon switch or floor mat is broken. The built-in power supply for contact sensing is low-voltage, and isolated from line and load. An LED displays output status.

To enhance safety, the output of the *QuickTripper2* uses positive-guided relays configured for self-checking. Machine startup is inhibited in the event of a single relay or contact failure.

FOR MORE INFORMATION CALL 203-732-6200  
OR VISIT US ONLINE AT [www.regentcontrols.com](http://www.regentcontrols.com)



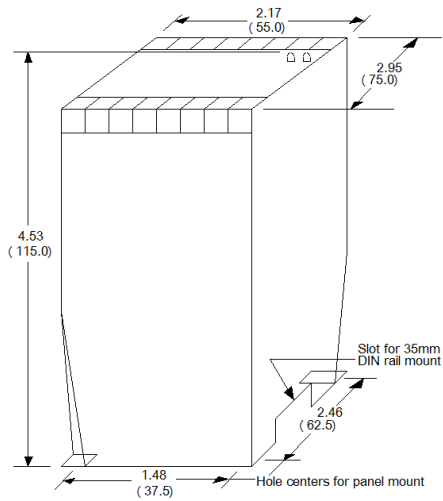
e-mail: [sales@regentcontrols.com](mailto:sales@regentcontrols.com)



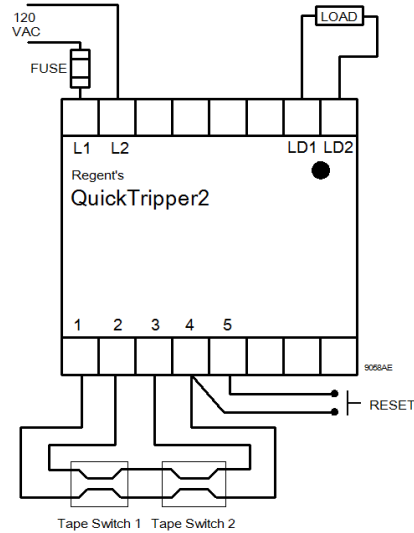
# Regent's QuickTripper2™

## Safety Monitor and Machine Guard Relay

### DIMENSIONS



### WIRING DIAGRAM



### NOTES

1. Terminals LD2 and L2 are connected internally. L1 is switched to terminal LD1 when output is ON.

SPECIFICATIONS	QuickTripper2
Line Input (L1,L2 terminals)	120 VAC +/- 20%, 60 Hz
Sensing Input (1,2 & 3,4 terminals)	
Open-circuit voltage	12 VDC
Closed-circuit current	less than 2 mA
Reset Input (4,5 terminals)	
Open-circuit voltage	12 VDC
Closed-circuit current	less than 2 mA
Load Rating (LD1,LD2 terminals)	120 VAC, 6A (resistive)
Recommended load fuse	Fast-acting 4A, 250V, F/T
Response Time (from contact sensing to output switch turn-off)	12 msec typical
Temperature	0 to 65°C (32 to 149°F)
Warranty	1 year

Note: Transient protection is recommended across inductive loads.

