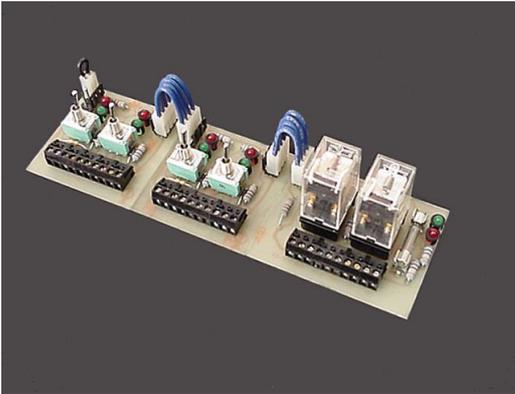


## INTERLOCK CONTROL AND MONITOR GS-INT-10



### SOLVE INTERLOCK PROBLEMS WITH A NEW INTERLOCK CONTROLLER!

The **GS-INT-10** functions as a latch type stop-start relay circuit that monitors control stations, such as: stop-start, low fluid levels, safety trip switches, etc.

Some of the new controllers now have built in interlock controls but they still don't tell you how the interlock is working or what needs to be repaired. This system will!

The system uses a four-wire arrangement (2 stop & 2 start) that is pulled to each individual station. All inputs are monitored by a lighted L.E.D. that indicates an activated switch. By the indication of the L.E.D. any broken or activated button, safety, or low level switch can be easily located. All stations or Station areas can be checked and bypassed when there is a fault. This keeps the interlock working when it would normally require extensive down time for trouble shooting and repair.

#### FEATURES:

- \* When bypassed, all power is removed from the station.
- \* Base unit handles 4 stations (2 I/O cards).
- \* Expandable by 2 stations a card up to 50 stations (25 I/O cards).
- \* Enclosures are available. Call for quote and sizing information.

#### SPECIFICATIONS AND REQUIREMENTS:

Master Card = 3.5"L x 2.75"W x 2"H

I/O Card = 2.75"L x 2.75"W x 1.75"H

Power Supply = 3.5"L x 2.75"W x 2.5"H

Fits in a Snap Track = 3'L (max) x 2.878"W x .75"H

24VDC 1AMP(Max) Input Power if no power supply is ordered.

All Inputs To Be A Dry Contact Type

Normally Open (Start), And Normally Closed (Stop) Type Controls

All signals must be a Dry Contact Type - Starts and - Stops

Interlock go signal to be limited to a single Dry Contact = SPDT 3 amps 110v/24v

Enclosure for cards if not ordered

All Cards fit into Snap Track (supplied)

#### OPTIONS:

Power Supply Card

I/O Cards (2 Stations Per Card)

Enclosure for system (made to order)

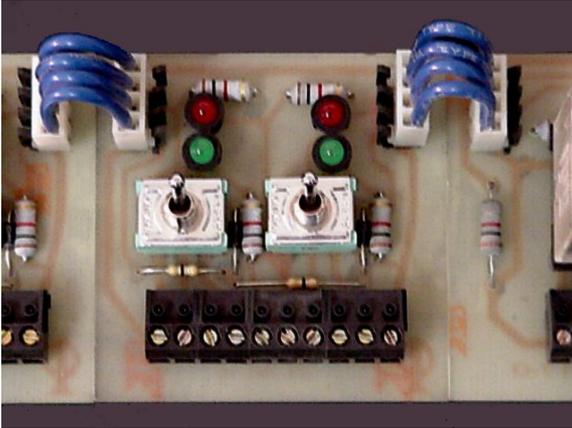
Fiberglass Stop-Start  
Stations are also available!  
Last longer than steel  
units.  
Rated Nema 4x



#### GENERAL APPLICATIONS:

Car Wash Control To Start And Stop The Conveyor And Equipment

Interlock Control \ Monitor For Equipment With Safety Switches



Above is a close up of a two-channel interlock board. It can control up to 2 individual stations. It also can be wired in for two groups or areas of stations. Wiring is a simple four-wire configuration per station. Each station has a Green indicator for the Start and a Red indicator for the Stop. The indicators light when the buttons are signaling back to the board.

Each station is equipped with a total bypass switch that removes all power and signaling for each station. This should only be used under controlled application and the station should be clearly marked as inactive if left bypassed. The benefit for this bypass switch is the interlock system can continue to run with a defective station out of service. This greatly reduces down time! To add to this with no power going to the bypassed station, it can be repaired even when the interlock is running.

**In summery with this system:**

With any interlock station / safety that goes down the problem can be quickly found (by indicator light)

Bypassed to continue running. (Make sure this will not be a safety issue. That it is safe to do so)

Repaired if needed with the interlock running.

Added again to the interlock control with putting the bypass switch into auto position.