Product Application Note GE-TLC-0001

April 12, 2000

Emergency Interface Panel

Application/Use

To force all the Emergency lights ON during Normal Power failure.

How it Works

After Loss of Normal Power the Emergency transfer panel (by others) will close an auxiliary dry contact*. This contact is wired through the Emergency Interface Panel see **Figure 1**.

The Emergency Interface Panel houses a time delay relay. When the timer receives a signal it will start to count down. After the preset time (user adjustable) has elapsed the output of the timer will close broadcasting an "ON" to all relays assigned to the channel (or PSS) input.

After normal power is restored. The time delay relays N.O. contact will open and the channel (or PSS) input will broadcast an "OFF" signal. In a TLC Level 2 or 3 system all relays will return to the state that they were in prior to the power failure. In an SWS or Prosys system all the lights will be turned OFF. The panel can be set up to ignore the OFF broadcast simply disconnecting the wire coming into the black terminal of the channel (or PSS) input.

NOTE: ALL RELAY PANELS CONTROLLING EMERGENCY LIGHTING MUST BE POWERED BY EMERGENCY POWER.

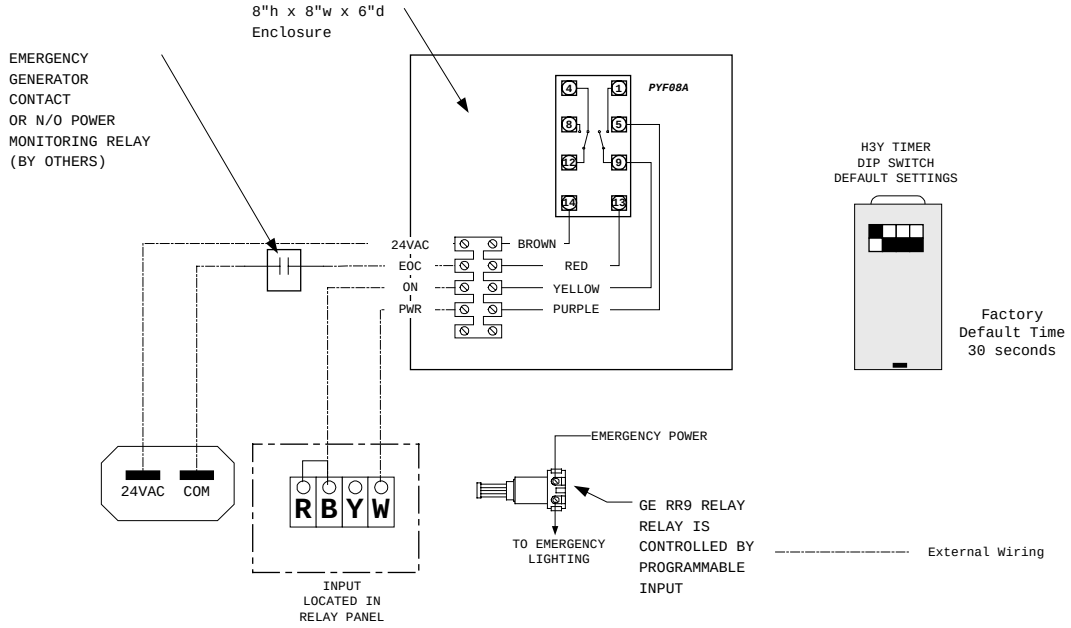

Figure 1 – Emergency Panel Connection

Product Ordering Information

Part Number and Description

Part Number	Description	Comments	Price Distributor Net
RENG3-EMDELAY	Emergency Delay Interface	Timer and Enclosure pre-wired	

* Another option is to receive a signal from a Normal Power Monitoring Relay (by others) that will close after loss of Normal Power