

Unit 2, 14 Randall Street
SLACKS CREEK Qld 4127
Phone: 3208 4389
Mobile: 0409 894 983

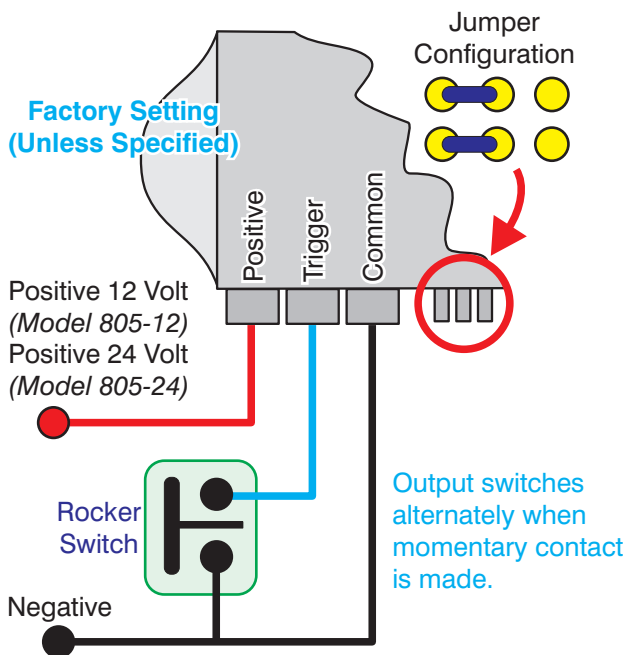
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805 Relay

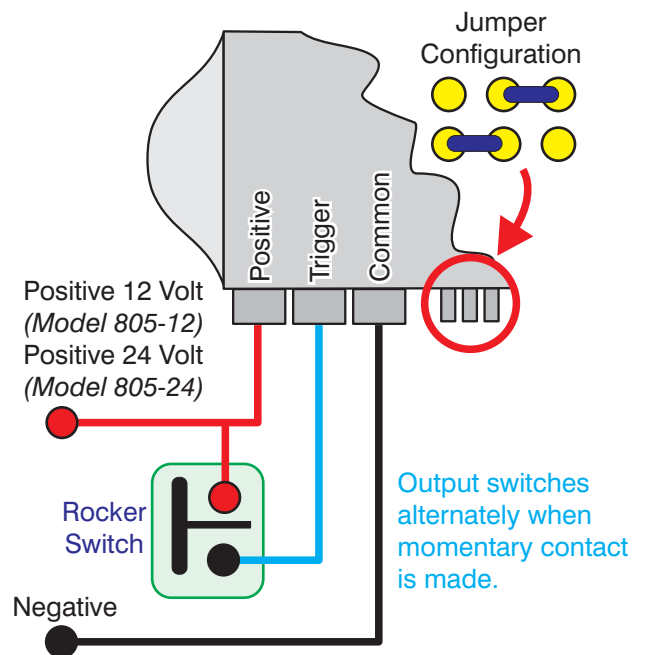
Installation Diagram

Jumper Configuration for Switching Operations

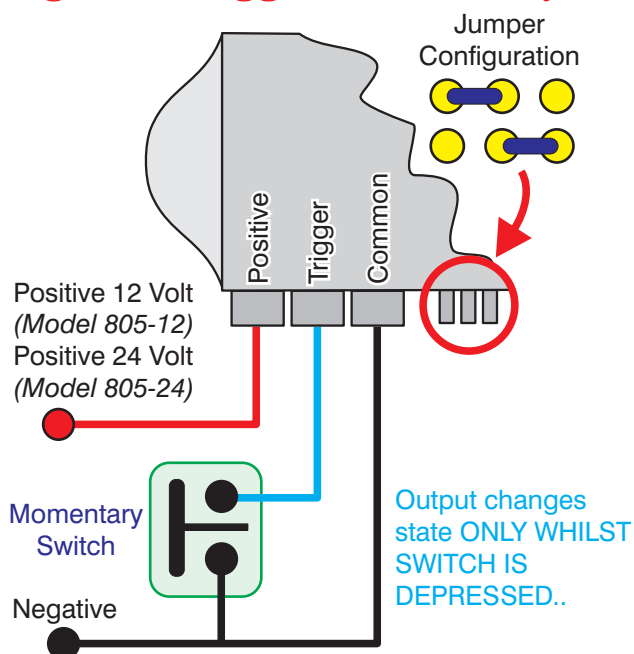
Configuration for Negative Trigger Latching



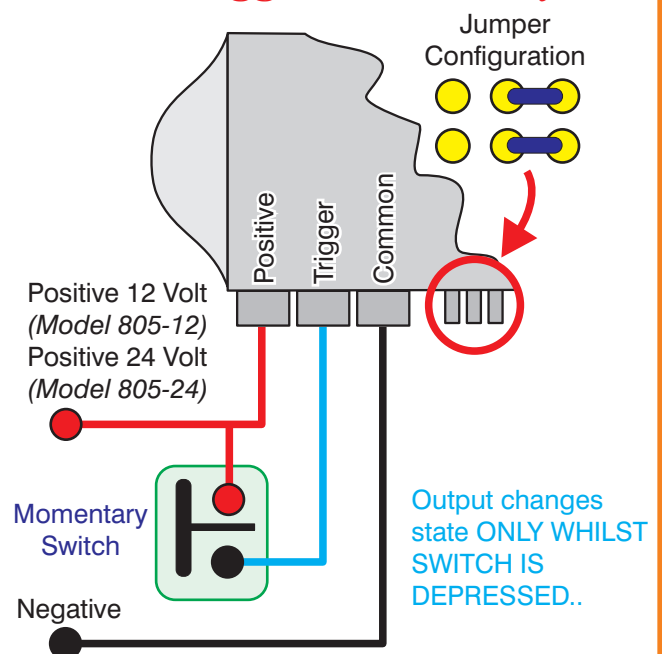
Configuration for Positive Trigger Latching



Configuration for Negative Trigger Momentary



Configuration for Positive Trigger Momentary



Specification Sheet 805 Relay

The 805 will switch Overbed Luminaries in Hospital environments by interfacing to the Patient handset contacts. It comprises an electronic latching circuit switching a mechanical relay to achieve reliable, interference free switching of Overbed lights including CFL, Incandescent and Flourescent luminaires.

It incorporates the facility for two way switching, and selectable Latching or Momentary modes.

Latching Relay - Model 805-12 (12 volts) and 805-24 (24 volts)

Physical

Size	55 x 40 x 36 mm approx with mounting flanges
Case	PVC (electrical fire resistant tested)
Mounting	Flanges for mounting on 65mm centres

Electrical Switching

Mains Connection	Pluggable Screw Connector 3 way (supplied)
Contacts	NO/Com/NC Changeover contacts 12 Amps
Rating	Contacts 12 Amp Mains rated Industrial Switching
Voltage	240 VAC mains to be installed in accordance with AS3000

Input

Input connections	Pluggable Screw Connector 3 way (supplied)
Trigger	Momentary
Trigger type	Factory set - user changeable Positive or Negative
Trigger Polarity	Negative or Positive by NO contacts
Trigger Current	10mA Pulse 200mS minimum
Re-trigger time	minimum 800mS between triggers
DC voltage	Nominal 12 or 24 volt
DC Current (ON)	43mA for 12 volt - 22mA for 24 volt
DC Current (Off)	6.5 mA for 12 volt - 5mA for 24 volt

Approvals

Approval Test Report Registration Number - Q03405

Changes introduced on the 805 model include the facility for two way switching and a more robust 12 Amp relay contact specification. The 805 has a facility for users to select a momentary mode of operation where the relay is operated only when the trigger is held, or the standard latching mode.

Unless specified, factory units are shipped with a Negative Trigger and Latching operation.

NB

Some Handsets and systems use an electronic trigger that may be incompatible with the standard 805. Electronic triggers can be accommodated with a special order modification.