Subject to change without notice

Tilt Probe Controller: Model SL 28-115 or 230

FUNCTION

The tilt probe control is designed to provide an indication and relay output from the SL series tilt probe. The control should be mounted within 200 feet of the probe and the time delay relay adjusted according to the application to eliminate false signals caused by vibration and/or momentary false trips.

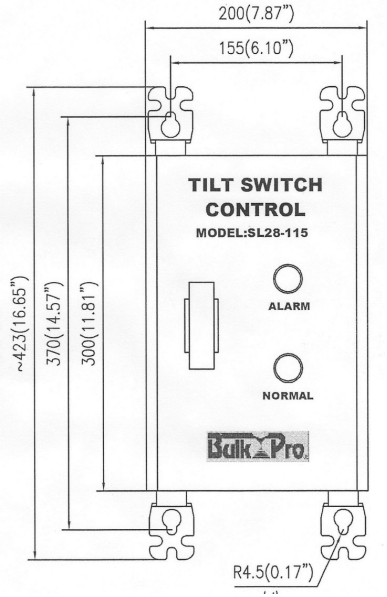
SPECIFICATION

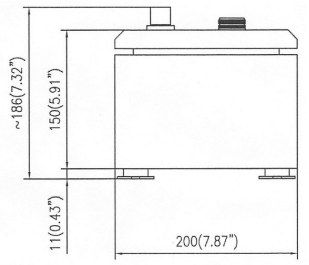
- (SL28-115) Power: 105-125 VAC, 47-62 Hz, 10W
- (SL28-230) Power: 210-250 VAC, 47-62 Hz, 10W
- Output: DPDT, 10A @ 115-230 VAC or 24 VDC non-inductive
- Enclosure: NEMA 4, Metallic, Painted
- Delay Settings: 0-10 seconds
- Temperature Range: -40° to 140° F (-40° to 60° C)

INSTALLATION, SET UP AND ADJUSTMENT

- Remove back panel and circuit board prior to installing. Install/Mount enclosure to wall or support utilizing the four (4) holes located on the backside of the enclosure. There are four (4) hole plugs installed in the mounting holes that must be removed to access mounting holes. 1/4” or 3/8” hardware is recommended.
- It is recommended that a minimum of (2) 1/2” conduit holes be punched in the bottom gland plate for probe, power and relay output wiring.
- The probe wire should never be in the same conduit with the 115 VAC power.
- The probe wire is connected at TB 3 with no polarity requirement.
- The 115 VAC or 230 VAC power is connected on TB 1 (hot, neutral, ground)
- Relay output wiring is connected on TB 2 with (2) NO, NC, C connections.
- All NEC wiring codes for the area should be followed.
- It is suggested that a time delay of 5 seconds be used at original set up with adjustments to that, if necessary, full CCW is 0 seconds.
- Reversing the J1 jumper plug in connector will produce a normal indication with the probe in tilted position.

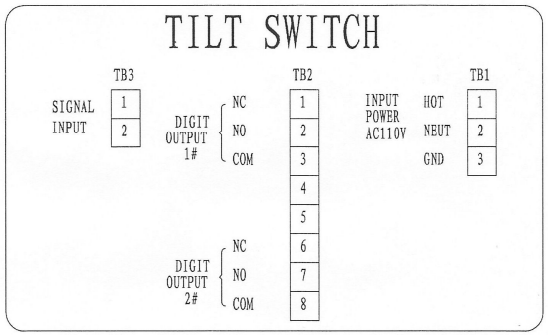
Outline & Mounting





Mounting feet not supplied with every control box. Use mounting holes in enclosure to secure enclosure to support structure.

Wiring



MAINTENANCE, TROUBLESHOOTING AND SPARES

Replacement parts include lamps and relay, otherwise a complete board replacement is recommended. Contact your local distributor of Bulk Pro Systems for assistance.