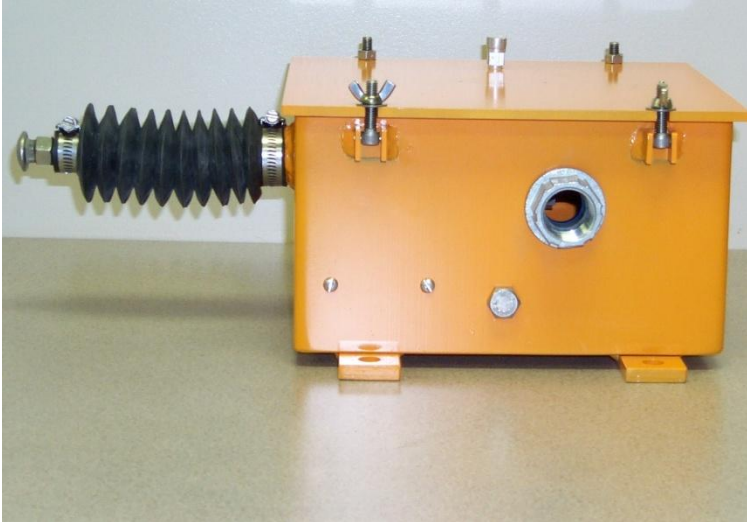


MODEL LSP PLUNGER LIMIT SWITCH Standard Specifications



The Model LSP Plunger Limit Switch offers superior plunger switch performance for heavy industrial applications. The design can provide up to 6 individual circuits, more than any similar plunger type switch available, with accurate, repeatable snap-action activation and a substantial overtravel. Materials and manufacture are of the highest quality for many years of dependable service.

GENERAL: Plunger Limit Switch shall be Model LSP by B&B Roadway, LLC, (888) 560-2060.

CONSTRUCTION: Switch shall be a weather-sealed design, with neoprene gaskets between exterior bolted connections. Cover shall be designed to positively retain a gasket. Drain plugs and a breather shall allow condensation to evaporate or drain from housing. Construction shall be heavy duty, durable and suitable for marine environment. All materials shall be non-corrosive, such as aluminum, bronze, stainless steel or non-metallic. Finish shall be painted aluminum or safety orange, as specified.

PLUNGER: Plunger extension shall permit at least .75" field adjustment and shall have a ball end. Design shall also allow for simple field swapping of service cover hand. Plunger shaft shall be stainless steel. Pre-travel shall be approximately 1.50" with a minimum overtravel of 2.00".

ACTIVATION MECHANISM: Trip plate shall be spring loaded with an over-center mechanism to provide simultaneous, positive, accurate, and repeatable snap-action activation of all switches. Trip point shall be field adjustable by simple adjustment of plunger extension.

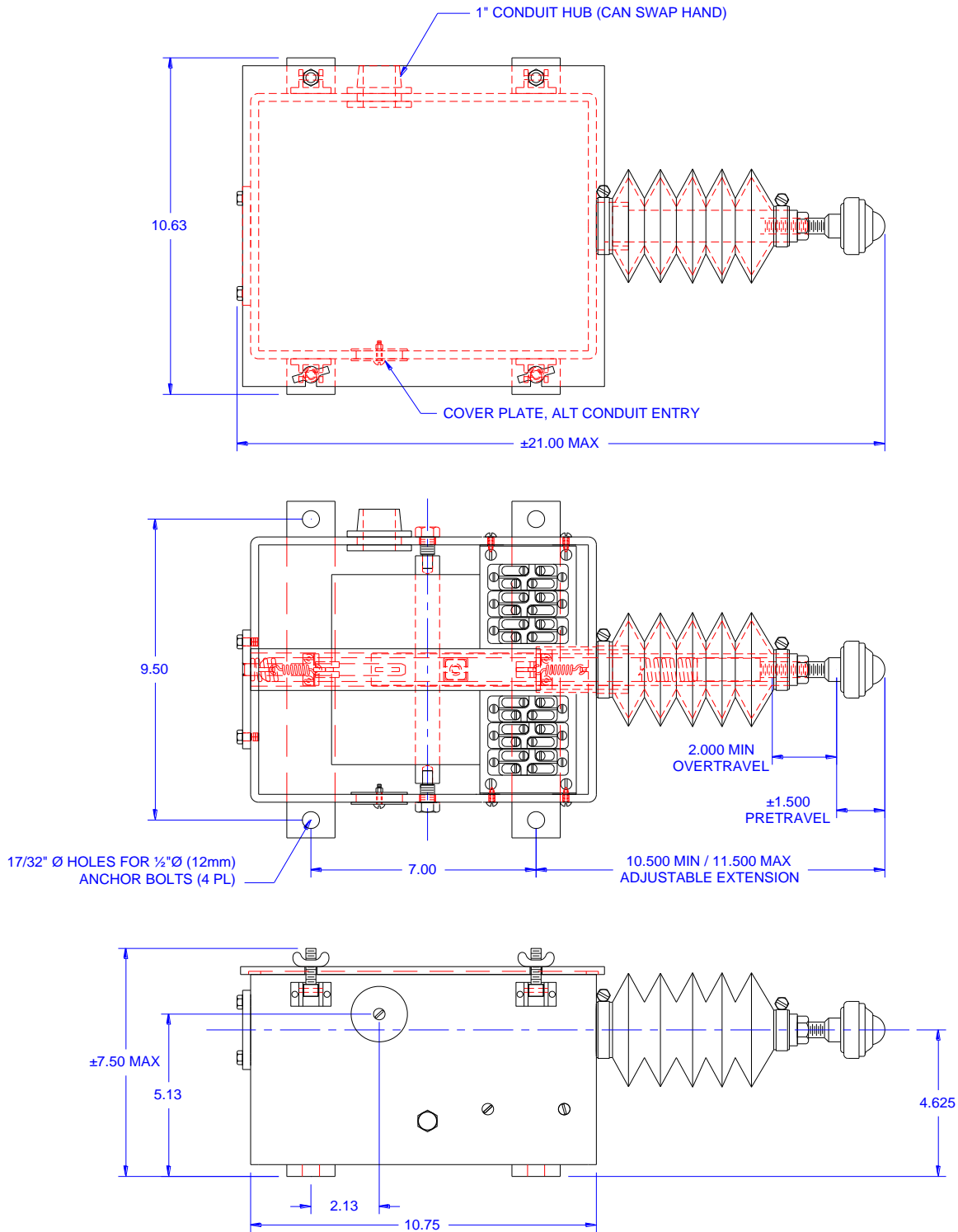
CIRCUIT SWITCHES: The number of circuits shall be as specified (6 circuits max in standard assembly). Each circuit shall provide independent normally open and normally closed sets of contacts (1 NO and 1 NC). Heavy-duty snap-action microswitches shall be double-break type to increase contact life. Individual switches shall be rated for 15A make / 40A break at 120V (see manufacturer for ratings at other voltages). Switches shall have clearly labeled screw-type compression wire connections and corrosion-resistant contacts.

CONDUIT ENTRY: A 1" conduit hub shall be provided for wire entry. Housing shall be pre-drilled to permit switching the hub to either side of the housing. Second opening shall be sealed with an o-ring and cover plate.

Revised 12/09

MODEL LSP PLUNGER LIMIT SWITCH

Basic Dimensions



NOTES: UNIT SHOWN ACCOMMODATES UP TO 6 CIRCUITS; 12 CIRCUIT MODIFICATION AVAILABLE