

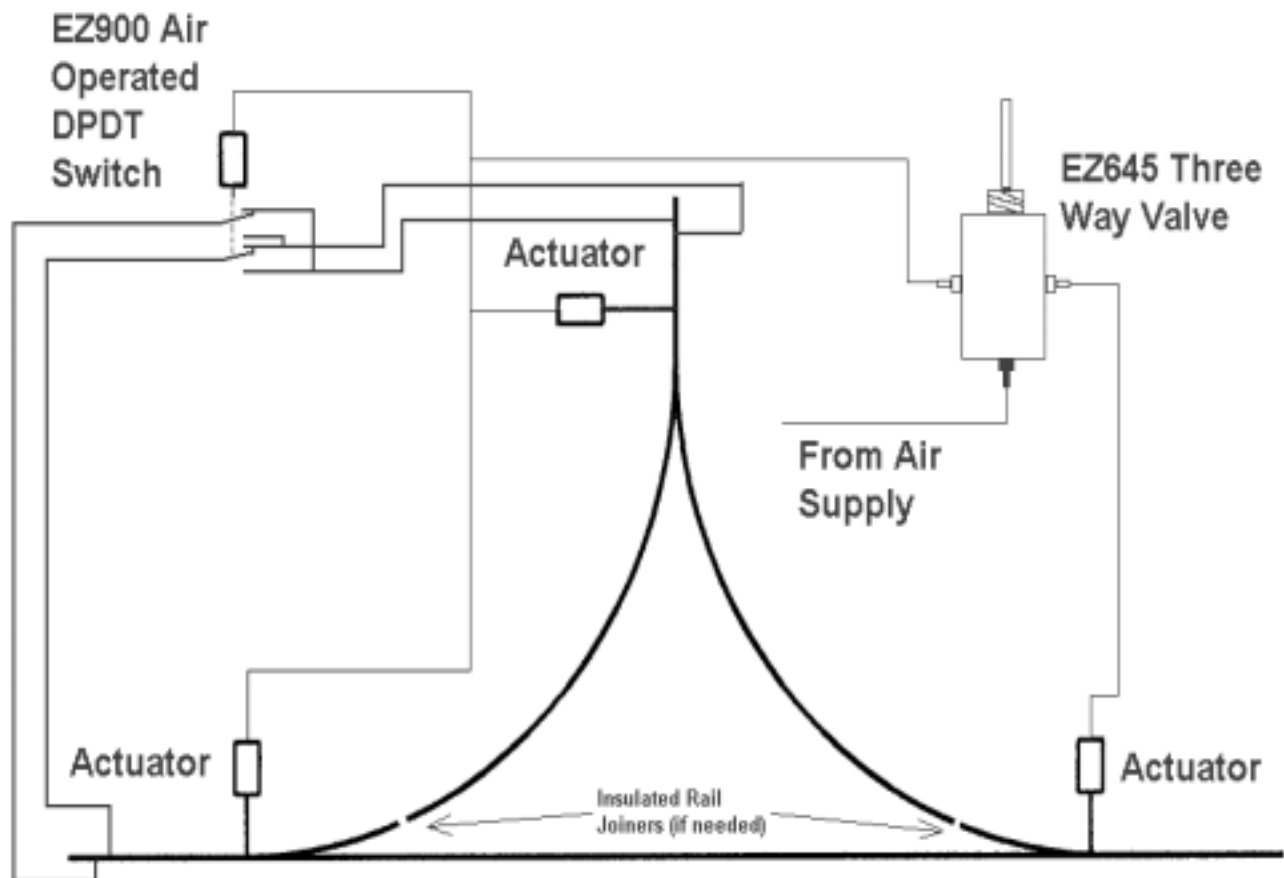


EZ645 Three Way Toggle Valve

The EZ645 Three Way Toggle Valve is actually two regular on-off toggle valves in one body, controlled by one handle. This ensures that there cannot be an incorrect combination of positions when using the valve to control two separate actuators or groups of actuators.

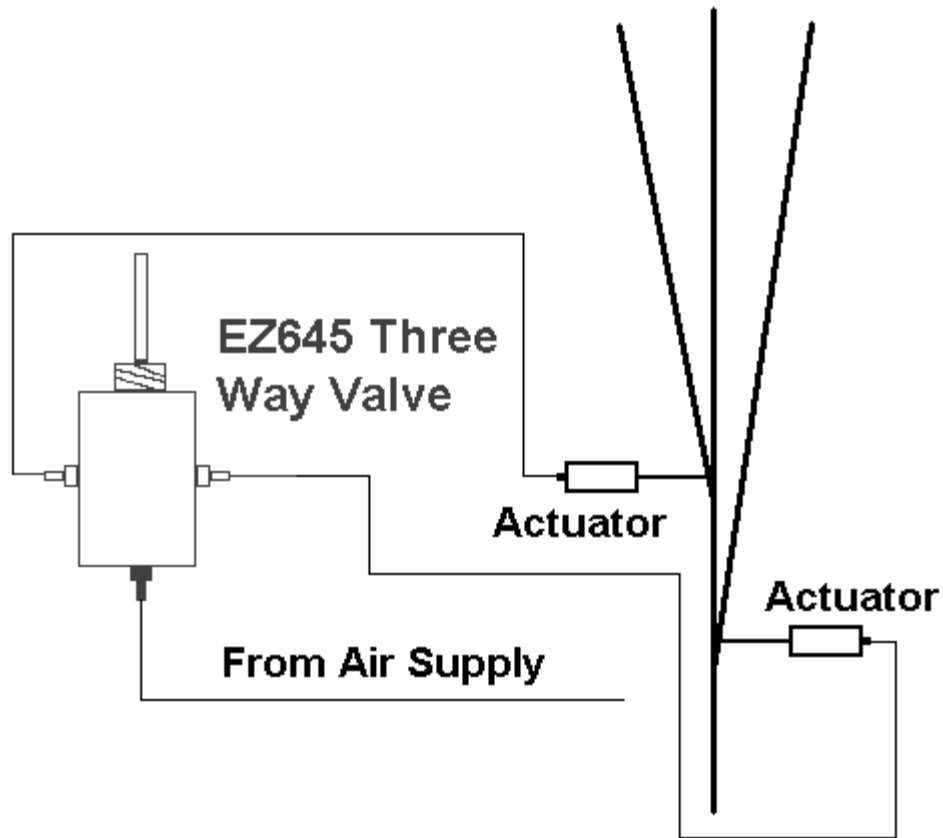
The valve mounts in a 5/8" (16mm) hole.

One of the uses for the EZ645 is to control a wye track. A wye track is used to physically reverse the direction of an engine or train without taking it off the track and reversing each separate unit. If the trains are electrically powered from the rails, the addition of insulated rail joiners is required, and we recommend the addition of an EZ900 Air Operated DPDT Switch to make the reversal through the wye simple and trouble free.



Another use of the EZ645 Three Way Toggle Valve is the control of three way turnouts. The physical arrangement of the actuators will vary with the type and brand of turnout.

First, the 3 way lap turnout, as made by Llagas Creek Railways and others:



At center position, the trains will take the center track. Left position = left track, right position = right track. Simple and easy, and the position of the toggle handle on your track diagram shows which track is selected.

Next, the three way stub turnout. These are available special order from California & Oregon Coast Railways to match the Llagas Creek Railways brand of track, or you may make your own or have any custom builder make one for you.

A lever arm (bell crank) is added to the actuator linkage to allow the moving rails to be bent either side of center by the application of air to one or the other actuator. This bellcrank and the position of the actuators will be determined by the individual layout requirements and the stiffness of the rails.

