

Binary Redirect Module ("Flip-Flop" Circuit)



Size: 4.50" x 2.75" x 3.50"

Temperature: 32 to 140°F

Pressure Range: 40 to 150 psig

Use: The input signal alternates the outputs A and B, sometimes referred to as a push-on/push-off circuit. The circuit manifold combines the R-451 and R-412 in a binary redirect or flip-flop circuit.

Operation: Use of the R-412 provides a "memory" function to return the output to a known position (port 8) whenever air is first turned on to the circuit. This output pilots port 4 of the R-451, positioning it for the next signal. A signal input passes through the R-451, ports 1 to 2, and pilots port 4 of the R-412. The output of the R-412 shifts to port 2 and also pilots port 6 of the R-451. When the next signal input is received, it passes through the R-451, ports 1 to 8, and pilots port 6 of the R-412, shifting its output back to port 8.

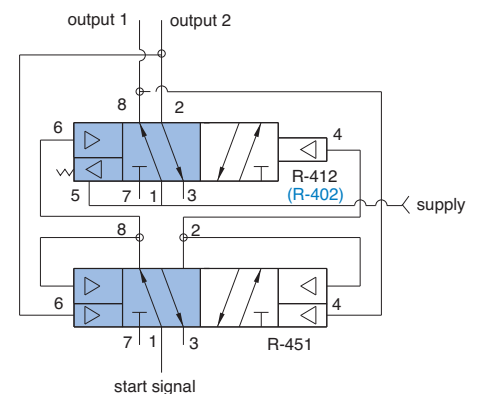
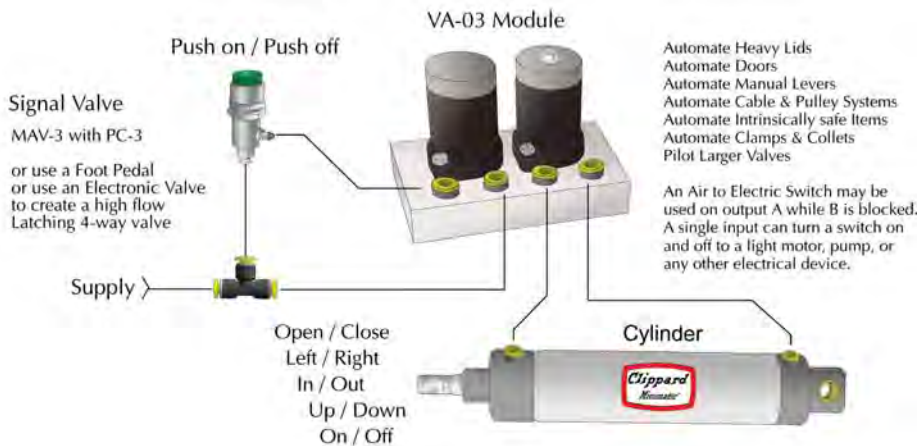
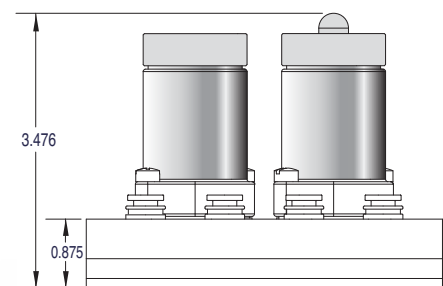
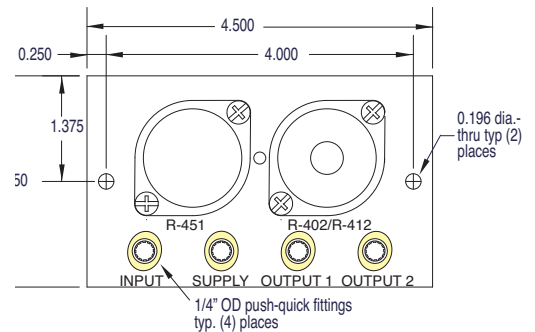
Part No.	Description
<u>VA-03</u>	Binary Redirect Module

Bill of Materials in Assembly

Qty.	Part No.	Description
1	<u>R-451</u>	4-Way Binary Trigger Modular Valve
1	<u>R-412</u>	4-Way Modular with Memory Reset
1	<u>CM-03-PQ</u>	Binary Redirect Circuit Manifold

All components are also available for purchase

The CM-03 subplate is available with 1/8" NPT Ports on A, B, C & D.



Note: See Page 272 for alternative valve (in parenthesis above).