PRODUCT DESCRIPTION

DESCRIPTION The WM498B, C, H, M, and W are components of the WM498 series control panel assemblies. They are gang mounted, sheer action valves available with either toggle, rocker, or push button actuators. The toggle and rocker actuated units are two-position, manually operated, three-way valves. The push button version is a spring returned, normally closed, three-way valve. Retained by the tie rods and locknuts supplied in the assembly kits, these valves are mounted in manifold assemblies.

OPERATION The operation of these valves depends on two internal working parts. These are the poppet, which opens or closes the exhaust port, and the stem, which opens or closes the supply port. Flipping the toggle or rocker to the “on” position or depressing the push button causes the poppet to seat on the stem. This closes the exhaust port and moves the stem downward to open the supply port. When the toggle or rocker is flipped to the “off” position or the push button is released, the stem is returned by an internal spring to close the supply port. At the same time, the poppet is lifted off the stem and spring-returned, which opens the exhaust port.

APPLICATION The WM498B, C, H, M, and W are universal application valves designed for controlling small air cylinders, relay valves, or air-operated accessories in industrial or vehicular pneumatic systems.

TYPICAL INSTALLATION

EXTERNAL CONFIGURATION

THREE-WAY ACCESSORY VALVE

FUNCTIONAL DIAGRAM

I.S.O. SYMBOL