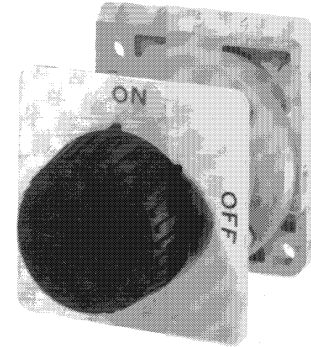


These switches are manually operated devices adaptable to a wide variety of applications in pneumatic control systems. They are normally used to perform diverting or supply and exhaust functions to operate final control components or index relays in multiple switching systems.

The 2392-504 is a four-branch switch. The 2392-505 is a five-branch switch that provides one blocked port in each knob position.

The 2393-504 is a four-branch switch which can be used to supply a signal to any one of three devices or supply any one of three signals to a device. Its unused ports are blocked.

Various dials are available for each model and for specific switch applications.



Material:

Case, Glass-filled nylon

Dial Plates, Anodized aluminum.

Knob, Black sunburst plastic with pointer.

Table-1 Ordering Data.

Number	Replaces Model	Description
2392-504	S520	2-Position - 4 branch
2392-505	S521	2-Position - 5 branch (unused ports blocked)
2393-504	S530	3-Position - 4 branch (unused ports blocked)

For Dial Plate Ordering Data, see page 2.

Table-2 Mounting Brackets.

Number	Replaces Model	Description
22-155	K511	Single switch bracket
22-120		Socket
MCS-S-P		Socket Kit

Table-3 Replacement Parts.

Number	Replaces Model	Description
22-173	K550	Replacement knob

SPECIFICATIONS

Main Air Pressure: 30 psig maximum.

Air Capacity: 40 scfh

Air Consumption: None

Maximum Ambient Temperature: 140°F

Mounting: Designed for use on 22-120 Pneumodular manifold socket. These devices can also be mounted by using the appropriate mounting bracket (see Mounting Bracket ordering data).

Connections: Barbed nipples for 1/4" OD polyethylene or 5/32" ID polyurethane tubing.

GENERAL INSTRUCTIONS

These devices are to be used on clean, dry, oil free control air only, and will operate properly when mounted in any position.

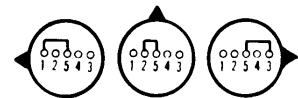
The inherent reliability of these devices is enhanced and prolonged through regular inspection and preventive maintenance by a qualified control expert. Should any of these devices become inoperative, it should be replaced by a new unit.

Caution: This device should be installed by a qualified service technician with due regard for safety, as improper installation could result in a hazardous condition.



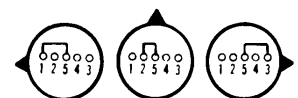
2392-504

PORT 5 BLOCKED



2393-504

PORTS NOT CONNECTED TO 5
BLOCKED



2393-505

PORTS NOT CONNECTED
TO 5 VENTED

MOUNTING INSTRUCTIONS

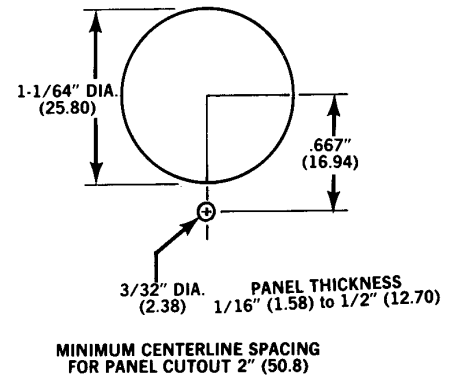
Panel Mounting

Inside: These devices have been designed to be mounted on a 22-120 socket. One socket, one gasket and two mounting screws are required in addition to the appropriate manifold backplate.

Surface: These devices may also be mounted on a panel face (1/2" maximum panel thickness) by using a 1-1/64" mounting hole.

Field Mounting

These devices may also be mounted without the backplate, socket or gasket to replace competitive and old Robertshaw devices by using the appropriate mounting bracket as shown in the ordering information chart on page 1.



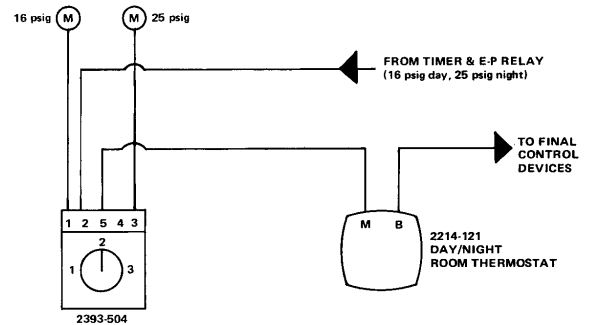
TYPICAL APPLICATION

Automatic or Manual Changeover of Day/Night System

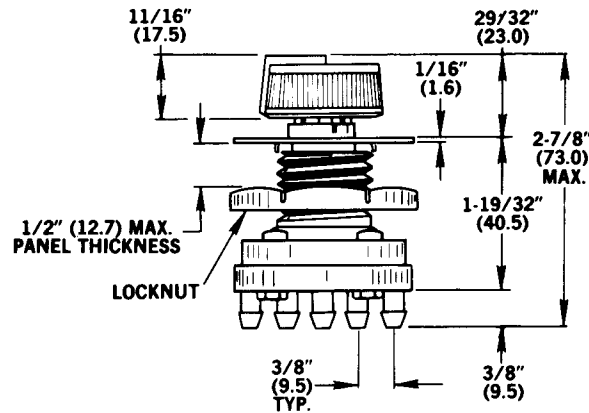
In position 1, the switch will connect ports 1 and 5 supplying 16 psig main air pressure to the thermostat for day operation.

In position 2, the switch will connect ports 2 and 5 supplying either 16 psig main air pressure for day operation, or 25 psig main air pressure for night operation, to the thermostat from an E-P relay being controlled by a programmed timer.

In position 3, the switch will connect ports 3 and 5 supplying 25 psig main air pressure to the thermostat for night operation.



MOUNTING DIMENSIONS



On October 1st, 2009, TAC became the Buildings business of its parent company Schneider Electric. This document reflects the visual identity of Schneider Electric, however there remains references to TAC as a corporate brand in the body copy. As each document is updated, the body copy will be changed to reflect appropriate corporate brand changes.

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