



Wiring & Installation Diagram for ST-22155 SPDT-PAK

Instruction Bulletin No. 27415

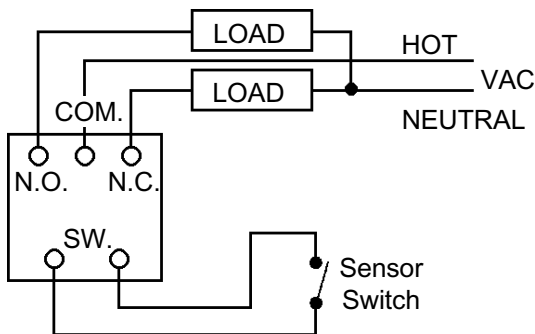
SPDT-PAKS enable one low-current sensor to control two independent loads up to 5 amps each. Switching is N.O. for one load and N.C. for the other.

Electrical Information

SPDT-PAKS are designed to operate with a load connected to each of the two outputs. These loads must be 10 watts, minimum, for correct SPDT switching. One load used alone must be connected to the N.O. terminal. With this load, which may be less than 10 watts, the unit will operate the same as an SPST unit.

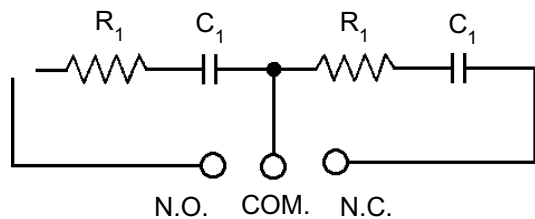
The SPDT-PAK does not include transient protection. If load transients are a problem, the external protective circuit shown below or a properly-sized metal oxide varistor may be used.

Typical Wiring Diagram



SPDT-PAK, actuated by a single sensor to control two separate loads.

Transient Protection for the SPDT-PAK



R = 100 ohm, 1/4 Watt Resistor
= .05 Microfarad, 500V, Capacitor

SPDT-PAK Load Terminals

SPDT-PAK P/N 22155 - 5 Amp, AC

Operating & Load Voltage Range	100 To 130 VAC
Voltage Loss	3 VAC
Sensor Current, Max.	20 mA
Allowable Resistance in Sensor Circuit to Turn "ON" (Max.)	4 kΩ@ Nom. Volt.
Leakage Current Thru Load Term.	20 mA
Switching Mode	SPST, N.O. & N.C.
Operating Temperature	0°F to 120°F (-17.8°C to 48.9°C)

