



**Surge Current Ratings of LOAD-PAKS.**

Non-repetitive.

LOAD-PAK Rating	Overload Time		
	.010 Sec.	1.0 Sec.	10 Sec.
	Overload, Amps		
5 Amps, AC	30	20	10
10 Amps, AC	50	30	15

\*Mechanical holding or latching contacts (contactors) may be cause some loads to latch under transient conditions.

**Switch or Sensor Wiring:** Wires connecting external sensor switches to LOAD-PAKS should not be placed in raceways or conduits containing high voltage lines. Voltages induced from these lines trigger the low-power, solid-state triac, causing it to turn “on” momentarily.

**How To Order**

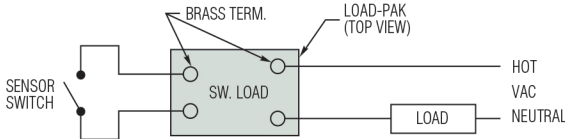
Specify Part Number based on the specifications tabulated below.

	LOAD-PAK 5 AMP, AC	LOAD-PAK 10 AMP, AC	LOAD-PAK 2 AMP, DC	SPDT-PAK 5 AMP, AC	FLIP-PAK 5 AMP, AC
<b>Part Number</b>	<b>20173</b> ⚡	<b>26392</b> ⚡	<b>25763</b> ⚡	<b>22155</b>	<b>28196</b> ⚡ <b>28244</b>
<b>Operating &amp; Load Voltage Range</b>	24 to 260 VAC		6 to 48 VDC	100 to 130 VAC	100 to 130 VAC    200 to 250 VAC
<b>Voltage Loss</b>	2 VAC		2 VDC	3 VAC	2 VAC
<b>Sensor Current, Max.</b>	20 mA		35 mA	20 mA	20 mA
<b>Allowable Resistance in Sensor Circuit to Turn “ON” (Max.)</b>	4 k at Nom. Volt.		0 to 4 k	4 k at Nom. Volt.	—
<b>Leakage Current Thru Load Term.</b>	12 mA @ 240 VAC		2 mA	20 mA	12 mA @ 240 VAC
<b>Switching Mode</b>	SPST, N.O.			SPST, N.O. & N.C.	SPST, N.O.
<b>Operating Temperature</b>	0°F to 120°F (-17.8°C to 48.9°C)		32°F to 120°F (0°C to 48.9°C)	0°F to 120°F (-17.8°C to 48.9°C)	

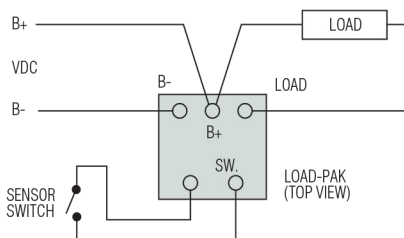
Note: All AC voltage and current specifications are RMS values unless otherwise stated.

⚡ – Stock Items

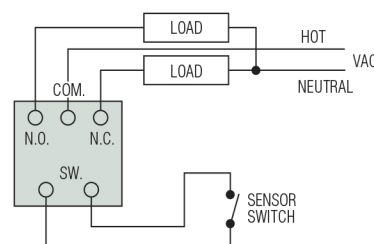
**Typical Wiring**



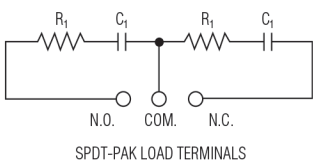
**LOAD-PAK**, Part Numbers 20173 and 26392 actuated by dry contact sensor to control load up to 10 amps, AC.



**LOAD-PAK**, Part Number 25763, actuated by dry contact sensor to control load up to 2 amps, DC.

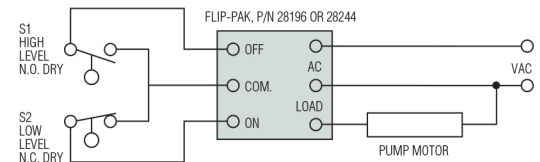


**SPDT-PAK**, actuated by a single sensor to control two separate loads.



R = 100 OHM,  
1/4 WATT  
RESISTOR  
  
= .05 MICROFARAD,  
500 V, CAPACITOR

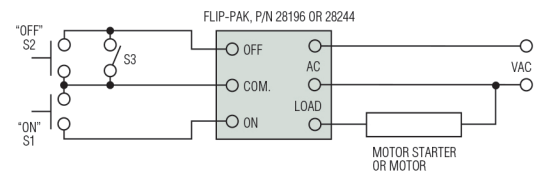
**TRANSIENT PROTECTION FOR THE SPDT-PAK**, The circuit shown or a properly-sized metal oxide varistor may be used.



**FLIP-PAK**, providing pump up/down control.

**Refill:** Low level permits S2 to close, starting refill pump. Rising level allows S2 to open, and eventually closes S1 to actuate the FLIP-PAK “OFF” circuit and stop the pump motor. The FLIP-PAK “OFF” override assures pump shut-down even if S2 failed to open.

**Pump-Down:** With “ON” and “OFF” connections of S1 and S2 transposed at the FLIP-PAK, the pump is started by S1 and stopped by S2 at low level. The same “OFF” override prevails.



With two normally open, momentary contact push buttons (S1 and S2), the **FLIP-PAK** provides solid-state control of the motor starter or the motor itself... if load requirements are within FLIP-PAK ratings. S3 provides a safety shut-down. With S3 closed, the “ON” push button (S1) is rendered ineffective by the “OFF” override feature of the FLIP-PAK.