# LPS Series POWR-SWITCH







The Littelfuse POWR-Switch provides a simple and economical solution for applications that require selective coordination and shunt trip capabilities. Common applications include elevator circuits, data processing rooms, and building emergency systems.

By utilizing Class J time delay fuses, the POWR-Switch is easily coordinated with other system overcurrent devices. The shunt trip capability allows the POWR-Switch to meet the ANSI/ASME standard that requires power to be automatically disconnected before water is turned on by the fire safety system. The POWR-Switch also features pre-wired control circuits that can help reduce installation costs.

### STANDARD FEATURES

- 600V 3-pole fuse power switch
- 200,000 RMS interrupting rating
- Shunt trip 120V
- Control power terminal block
- Ground lug per NEC
- Class J fuse block
- NEMA 1 enclosures

# **OPTIONAL FEATURES**

- Control power transformer with fuses and blocks
- Fire safety interface relay
- Key to test switch
- Pilot light "On"
- Isolated neutral lug
- Mechanical interlock auxilliary contact for hydraulic elevators with automatic recall (5 amp 120 VAC rated)
- Fire alarm voltage monitoring relay
- NEMA 3R, 4, and 12 enclosures

#### **BENEFITS**

- Optional features offer flexibility for a variety of applications
- UL Listed package
- Lower installation costs than systems with many separate components
- Pre-wired control circuits lower installation time
- Lockable Operating handle meets all code and safety requirements
- No confusion over which building trade is supplying the components
- POWR-Switch is a single unit...which makes procurement easier than systems with multiple components



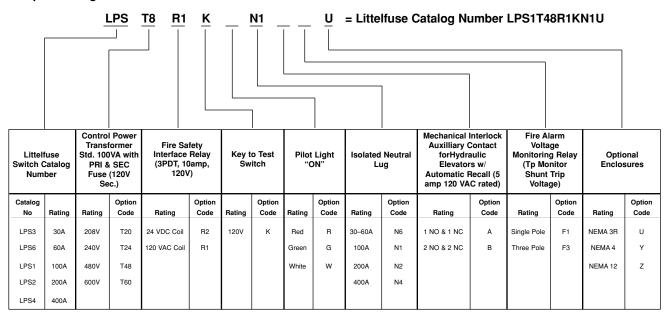
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# **ORDERING INFORMATION**

Complete catalog numbers consist of switch catalog numbers and the desired options. See example below.

### **Example Catalog Number:**



**Note:** Desired options must appear in the order shown above. Typical options include Control Power Transformer, Fire Safety Interface Relay, Mechanical Interlock Auxiliary Contact and Fire Alarm Voltage Monitoring Relay.

# **SPECIFICATIONS**

**Approvals:** UL Listed and CSA Certified **Rating:** 30A, 60A, 100A, 200A, 400A

**Shunt Trip Ratings:** 

Amp	Voltage	Max	Max	Momentary
Rating	Rating	Inrush	Ontime	Inrush
30-400	120V, 60Hz	4A	1.5 cycles	

### **ENCLOSURE DIMENSIONS**

Catalog Series	Amp Rating	NEMA 1 Dimensions	NEMA 3R Dimensions	NEMA 4, 12 Dimensions	Lug Size
LPS3	30	24"H x 20"W x 9"D	24"H* x 20"W x 8"D	24"H x 20"W x 10"D	#14 - #8 AL or CU
LPS6	60	24"H x 20"W x 9"D	24"H* x 20"W x 8"D	24"H x 20"W x 10"D	#14 - #8 AL or CU
LPS1	100	24"H x 20"W x 9"D	24"H* x 20"W x 8"D	24"H x 20"W x 10"D	#8 - 1/0 AL or CU
LPS2	200	30"H x 20"W x 9"D	30"H* x 20"W x 8"D	24"H x 20"W x 10"D	#6 - 250kcmil AL or CU
LPS4	400	48"H x 36"W x 12"D	Contact Factory	Contact Factory	Contact Factory

Note: Over-size enclosures used to accomodate control power transformer, interface relay and terminal blocks.



<sup>\*</sup>For NEMA 3R enclosures add 2 inches to height for mounting tabs.