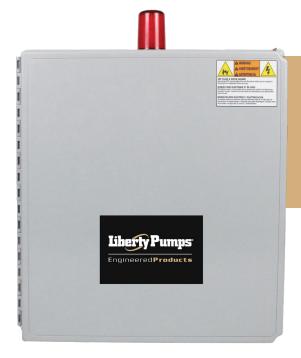


Engineered Products



LES-Series Simplex Controls LED-Series Duplex Controls Control Panels

Available in fiberglass or stainless steel enclosures Wide array of options and custom builds available

- Hand-Off-Auto switches
- Pump run lights
- Inner panel door
- Elapsed time meters
- Auxiliary contacts
- Seal test and fail indicators
- Lockable door
- Adjustable motor overloads
- Thermal overloads
- Alarm beacon
- NEMA® 4X enclosure
- Intrinsically safe panels available





LES-Series Simplex Controls LED-Series Duplex Controls

Standard Features

Enclosure: NEMA® 4X – fiberglass and stainless steel available.

Certain options may increase enclosure size

Magnetic Motor Contactor

Hand-Off-Auto Switches: Offers manual operation of pump(s),

located on inner door

Green Pump Run Indicators: Mounted on inner door Float Switch Terminal Block: Mounted in panel

Control/Alarm Power On Indicator: Mounted on circuit board Float Switch Status Indicators: Stop, lead, lag/alarm; alarm

Circuit Breakers/Overloads: Provide pump disconnect and

branch circuit protection **Pump Input Power and Pump Connection Terminal Block**

Auxiliary Contacts Ground Lug

Alarm Package: NEMA 4X = red beacon and horn (83 to 85 dB),

exterior test/normal/silence switch Seal Fail Terminal Block: Located in panel Thermal Terminal Block: Located in panel

mounted on circuit board

Model Specifications

1-Phase

			Fiberglass Enclosure				Stainless Steel Enclosure			
Voltage	Overload	Breaker	Duplex I.S.	Duplex	Simplex I.S.	Simplex	Duplex I.S.	Duplex	Simplex I.S.	Simplex
230	8-32	35	LEDX2-35A	LED2-35A	LESX2-35A	LES2-35A	LEDSX2-35A	LEDS2-35A	LESSX2-35A	LESS2-35A
	30-40	40	LEDX2-40A	LED2-40A	LESX2-40A	LES2-40A	LEDSX2-40A	LEDS2-40A	LESSX2-40A	LESS2-40A
	37–50	50	LEDX2-50A	LED2-50A	LESX2-50A	LES2-50A	LEDSX2-50A	LEDS2-50A	LESSX2-50A	LESS2-50A

3-Phase

			Fiberglass Enclosure				Stainless Steel Enclosure			
Voltage	Overload	Breaker	Duplex I.S.	Duplex	Simplex I.S.	Simplex	Duplex I.S.	Duplex	Simplex I.S.	Simplex
230/460	4.5-18	20	LEDX3-20	LED3-20	LESX3-20	LES3-20	LEDSX3-20	LEDS3-20	LESSX3-20	LESS3-20
	8-32	35	LEDX3-35	LED3-35	LESX3-35	LES3-35	LEDSX3-35	LEDS3-35	LESSX3-35	LESS3-35
	30-40	40	LEDX3-40	LED3-40	LESX3-40	LES3-40	LEDSX3-40	LEDS3-40	LESSX3-40	LESS3-40
	37–50	50	LEDX3-50	LED3-50	LESX3-50	LES3-50	LEDSX3-50	LEDS3-50	LESSX3-50	LESS3-50
	48-65	65	LEDX3-65	LED3-65	LESX3-65	LES3-65	LEDSX3-65	LEDS3-65	LESSX3-65	LESS3-65
575	4.5-18	20	LEDX5-20	LED5-20	LESX5-20	LES5-20	LEDSX5-20	LEDS5-20	LESSX5-20	LESS5-20
	8-32	35	LEDX5-35	LED5-35	LESX5-35	LES5-35	LEDSX5-35	LEDS5-35	LESSX5-35	LESS5-35

NOTE: LES/LED-Series panels come with variable amp ranges and must be ordered with the correct matching full load amperage to that of the pump(s) being used. Use the chart above to select the proper amp range or consult the factory for technical assistance. I.S. means intrinsically safe

Float Switch Kits Required / Float Switches Sold Separately

Kit Number	Description				
KFLT3-50	3 Float switch kit, 50' cord, commercial large float switch				
KFLT3-100	3 Float switch kit, 100' cord, commercial large float switch				
KFLT4-50	4 Float switch kit, 50' cord, commercial large float switch				
KFLT4-100	4 Float switch kit, 100' cord, commercial large float switch				



Liberty Pumps can customize a panel to your specific pump needs. Please contact us for available options and ordering information. 800-543-2550