



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

Proudly built in the USA with
US and global components



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 mounted on circuit board

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

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	LED SX2-35A	LED S2-35A	LESSX2-35A	LESS2-35A
	30–40	40	LEDX2-40A	LED2-40A	LESX2-40A	LES2-40A	LED SX2-40A	LED S2-40A	LESSX2-40A	LESS2-40A
	37–50	50	LEDX2-50A	LED2-50A	LESX2-50A	LES2-50A	LED SX2-50A	LED S2-50A	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	LED SX3-20	LED S3-20	LESSX3-20	LESS3-20
	8–32	35	LEDX3-35	LED3-35	LESX3-35	LES3-35	LED SX3-35	LED S3-35	LESSX3-35	LESS3-35
	30–40	40	LEDX3-40	LED3-40	LESX3-40	LES3-40	LED SX3-40	LED S3-40	LESSX3-40	LESS3-40
	37–50	50	LEDX3-50	LED3-50	LESX3-50	LES3-50	LED SX3-50	LED S3-50	LESSX3-50	LESS3-50
	48–65	65	LEDX3-65	LED3-65	LESX3-65	LES3-65	LED SX3-65	LED S3-65	LESSX3-65	LESS3-65
575	4.5–18	20	LEDX5-20	LED5-20	LESX5-20	LES5-20	LED SX5-20	LED S5-20	LESSX5-20	LESS5-20
	8–32	35	LEDX5-35	LED5-35	LESX5-35	LES5-35	LED SX5-35	LED S5-35	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