

Non-Automatic Transfer Switches
Automatic Transfer Switches
Manual Transfer Switches
Diesel Engine Fire Pump Controllers
Electric Fire Pump Controllers
Jockey Pump Controllers
Alarm Panels

Fire Pump Controllers

A Leading Manufacturer of Quality Electrical Controls for Over 100 Years

Power Transfer

Systems

6000

Brochure 6000
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LX-301 Control Module

Hubbell's LX-240 Non-Automatic Transfer Switch includes all the features found standard in the LX-250 Automatic Transfer Switch, except the LX-301 Control Module is not required. With these switches, transfer and retransfer between normal and emergency power sources is accomplished manually by a selector switch. The **LMTS Type Manual Transfer Switch** is available in sizes from 30 – 3000 amps. The LMTS has no electric drive and must be operated by a manual handle. These switches are designed and built



LX-240 is UL and ULC Listed

for heavy duty applications and comply with UL 1008.

The **LX-250 Automatic Transfer Switches** are available in configurations for either normal building loads or fire pump applications. Available in sizes from 100 – 1200 amps, these switches represent an optimum combination of solid state circuitry, main switching contacts, a unique cam/motor drive and low friction linkages. Designed for service under all conditions, the LX-250 meets UL 1008, NFPA-20 and NFPA-110 requirements. Options such as special cabinets, unique configurations, space heaters, auxiliary contacts, etc. are available. Hubbell's Automatic Transfer Switches are UL and ULC Listed.



The Hubbell **LX-2000 Diesel Engine Fire Pump Controller** is both an automatic and manual controller for 12V or 24V diesel engine driven fire pumps. Included as standard features are dual battery chargers, tamper proof cranking sequence, oil pressure bypass time delay, complete audible and visual alarms, weekly timers and more. Many other options are available to make this the ideal controller for diesel applications. They are UL Listed, ULC Listed and CSA approved N.Y.C. MEA Dept. of Buildings approved, FM approved and exceed the requirements for NFPA 20 & 70 codes. Special cabinets, configurations, alarms, plumbing, and environmental controls are available.



Hubbell's **Full Service Fire Pump Controllers** provide complete automatic and manual starting/control/stopping of electric motor driven fire pumps. Available controllers are listed below.

Controller Type	Model Number	
	Controller Only	With Transfer Switch
Soft Start/Soft Stop	LX-1100	LX-2100
Across-the-Line	LX-1200	LX-2200
Autotransformer	LX-1300	LX-2300
Primary Resistor	LX-1400	LX-2400
Manual Wound Rotor	LX-1600	LX-2600
Part Winding	LX-1700	LX-2700
Wye-Delta Closed	LX-1800	LX-2800
Wye-Delta Open	LX-1900	LX-2900

All controllers are UL Listed, ULC Listed, CSA approved, N.Y.C. MEA Dept. of Buildings approved, FM approved and exceed the requirements for NFPA 20 & 70 codes. Special cabinets, configurations, alarms, plumbing, and environmental controls are available.

The **Combination Fire Pump Controller** joins together Hubbell's fire pump controller and automatic transfer switch into one integrated unit. This provides a complete package for fire applications that require backup power sources for the electric motor driven fire pumps. Available controllers are listed above.





The **LX-1500 Limited Service Fire Pump Controller** from Hubbell monitors system operation by means of an adjustable type pressure switch with high and low settings. If water pressure drops below the setpoint, the controller brings the fire pump unit on line to restore system pressure. When water pressure reaches the high setpoint, it automatically shuts down the fire pump. Options available include space heater, other enclosure designs, recorders, alarms, etc. These controllers are UL Listed, ULC Listed, CSA approved N.Y.C. MEA Dept. of Buildings approved, FM approved and comply with the latest NFPA-20 requirements.



Hubbell provides two types of alarm panels to supervise control systems. The **LX-908 Remote Alarm Panel** is designed to meet NFPA 20 specifications requiring a remote alarm panel when the pump house or pump room is not constantly attended. The **LX-960 Low Suction Panel** provides shutdown in the event of a low suction pressure condition occurring. These panels have been designed with solid state circuitry throughout for reliable and trouble free service. Both types of panels are available with a variety of options including battery backup (LX-908 only), enclosure designs, alarms, and resets. Alarm panels are UL Listed, ULC Listed and CSA approved.



The **LX-600 Jockey Pump Controllers** are intended for across-the-line starting of squirrel cage pump motors used to maintain uniform system water pressure by the use of an automatic pressure maintenance pump instead of cycling the main fire pump. The LX-600 works with single and multi-phase motors up to 25 hp. Besides optional enclosures, the LX-600 can be supplied with an optional running period timer, "operating" lights, and other features. Hubbell's Jockey Pump Controllers are UL Listed, ULC Listed and CSA approved.

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