

# Alarm & Shutdown Panels

Remote Alarm & Control Panels For Electric and Diesel Motor Driven Fire Pumps

Catalog Price Sheet • November 1996 • Replaces January 1993 • Discount Schedule E11

LX-908  
LX-960

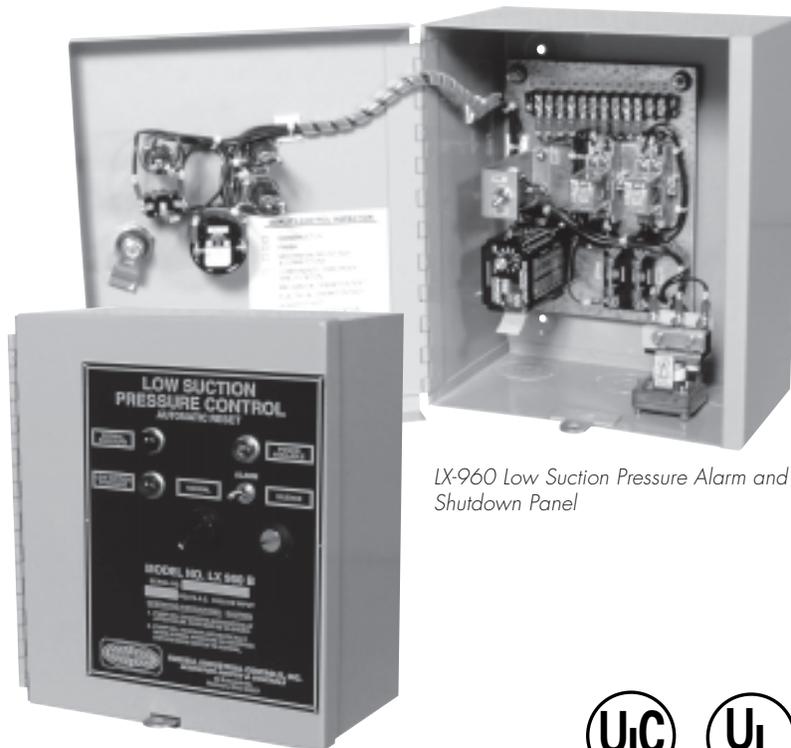
## LX-908 Remote Alarm Panel

LX-908 Remote Alarm Panels are designed to meet the NFPA 20 specifications requiring a remote alarm panel when the pump house or pump room is not constantly attended. These alarm panels can be used with electric motor driven or diesel engine driven fire pump controllers. The alarm panel should be installed in a location that is under supervision at all times.

LX-908 alarm panels make use of a solid state printed circuit board which provides reliable and trouble free service. The enclosures are NEMA Type 1 for indoor wall mounting. Mounted on the door are the pilot lights for visible alarm indication, the audible device for alarm indication, the "Silence Alarm" pushbutton and the "Push-To-Test" pushbutton.



LX-908 Remote Alarm Panel



LX-960 Low Suction Pressure Alarm and Shutdown Panel

## LX-960 Low Suction Panel

LX-960 Low Suction Pressure Alarm and Shutdown Panels are designed to be used with electric and diesel engine driven fire pump controllers. They provide pump shutdown in the event a low suction pressure condition occurs. In addition, these panels provide audible and visible alarms for the following conditions:

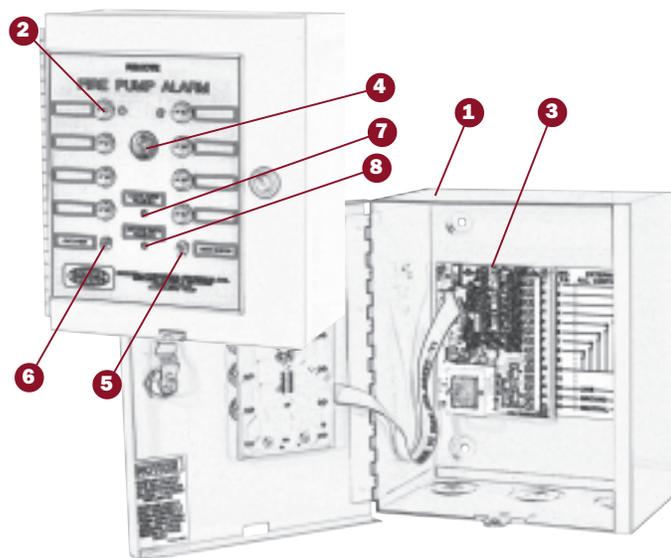
- Control Power Available
- Low Suction Pressure
- Suction Pressure Normal

The LX-960 shutdown panels are intended for use where a local authority mandates pump shutdown in the event of low suction pressure. Dual input power is supplied as standard feature.



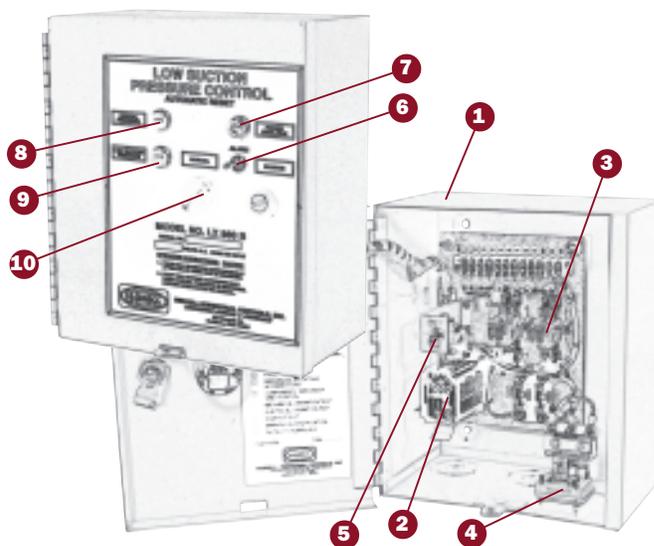
# Major Components

## LX-908 Remote Alarm Panel



- |                                       |                                      |
|---------------------------------------|--------------------------------------|
| 1 Surface Mount NEMA Type 1 Enclosure | 5 Audible Alarm "Silence" Pushbutton |
| 2 Alarm Lights                        | 6 "Push-To-Test" Pushbutton          |
| 3 Printed Circuit Board               | 7 "Normal" Power LED                 |
| 4 Audible Alarm                       | 8 "Standby" Power LED                |

## LX-960 Low Suction Pressure Alarm and Shutdown Panel



- |                                       |                                |
|---------------------------------------|--------------------------------|
| 1 Surface Mount NEMA Type 1 Enclosure | 6 Horn Silence Switch          |
| 2 Timing Relay                        | 7 "Line Power Available" Light |
| 3 Relay                               | 8 "Normal" Pressure Light      |
| 4 Pressure Switch                     | 9 "Low" Pressure Light         |
| 5 "On/Off" Pushbutton                 | 10 Audible Alarm               |

## Approvals

Hubbell's LX-908 is listed by Underwriters' Laboratories, Inc. They are built to meet or exceed the requirements of NFPA 20 (Installation of Centrifugal Fire Pumps). NEMA member.

### Warning

Because NFPA 20 specifically prohibits the installation of any device in the suction piping which will restrict starting or stopping of the fire pump (See NFPA 20, Para. 2-9.9), Hubbell Industrial Controls, Inc. assumes no liability when the LX-960b is used in connection with fire pump control equipment.

### Other Fire Pump Controllers

In addition to the LX-908 & LX-960b, Hubbell offers the following full service electric fire pump controllers: LX-1100 Full Service Soft Start/Stop, LX-1200 Across-the-Line, LX-1300 Autotransformer, LX-1400 Primary Resistor, LX-1600 Manual Wound Rotor Motor, LX-1700 Part Winding, LX-1800 Wye-Delta Closed Transition, LX-1900 Wye-Delta Open Transition and LX-1500 Limited Service. All Hubbell fire pump controllers are available with an automatic transfer switch designed specifically for fire pump applications. Consult the factory or your local sales office for information.

## Ordering Information

Part Number	Description	List Price
<b>90363-034</b>	LX-908 Alarm Panel	\$695
<i>LX-908 Option</i>	Battery Backup	\$80
<i>LX-908 Option</i>	With Remote Start – N/C Contact, Diesel	\$75
	N/O Contact, Electric	\$75
<i>LX-908 Option</i>	Flush Mounting	\$125
<b>90363-026</b>	LX-960a w/ Manual Reset	\$905
<i>LX-960 Option</i>	LX-960b w/ Auto Reset	\$90
<i>LX-960 Option</i>	2 <sup>nd</sup> Set of Lockout Contacts	\$75
<i>LX-960 Option</i>	NEMA Type 12 Enclosure	\$125
<i>LX-960 Option</i>	NEMA Type 4X Enclosure	\$615

Temperature Range — 41°F (5°C) to 104°F (40°C)

For additional information on the LX-908 please request publication drawing PC-90500-001 (schematic) and PC-91000-000 (outline).

For additional information on the LX-960 please request publication drawing PC-90362-010 (schematic) and PC-91000-001 (outline).



**Hubbell Industrial Controls, Inc.**

*a subsidiary of Hubbell Incorporated*

50 Edwards Street, Madison, Ohio 44057

Telephone (440) 428-1161 • FAX (440) 428-7635