



LXi-2300 Electric Fire Pump Controller with Transfer Switch Autotransformer

By Metron/Metron-Eledyne

Hubbell Fire Pump Motor Controllers with Automatic Transfer Switches (ATS) are designed to comply with the latest standard of the National Fire Protection Association for the installation and operation of centrifugal Fire Pumps (NFPA-20). Model LXi-2300 is a combined automatic and manual reduced voltage autotransformer fire pump controller applied where the capacity of the power source does not permit full voltage starting of the motor. The controller is used with standard three (3) lead squirrel cage motors. A heavy-duty autotransformer is supplied with standard taps at 50%, 65% and 80% to reduce the starting voltage to the motor. The autotransformer is factory wired to the 65% taps unless otherwise specified when ordered. The starting inrush current drawn from the power source is reduced to approximately 25% of normal when using the 50% tap, 42% of normal on the 65% tap, and 64% of normal on the 80% tap. An adjustable timing relay is provided to control the time between reduced voltage start and full voltage run. A manual "emergency run" operator is supplied for emergency starting. When the operator is pushed "On" the motor starts and runs at full voltage until the operator is pushed "Off".

Features

- LXi Microprocessor Logic & Control
- Coordinated design engineered, built, tested and labeled by one manufacturer
- Suitable for use as service entrance equipment
- Emergency source suitable for standby generator sets or optional dual utility sources
- Full compliment of visual indicators
- Communications port LCD display shows system pressure, and simultaneous reading of all phases for amps, volts and pressure
- Full range of horsepower ratings and voltages
- Ample cable bending space

Application

Fire Protection System

General



Product Assets

[Brochures - LXi Integrated Fire Pump Controller/Automatic Transfer Switch Combination](#)
[Brochures - Price list 6100M](#)
[Brochures - Specifications for LXi 2300 Controllers](#)
[Customer Use Drawings - METRON_LXi-2100_Emergency Ratings](#)
[Customer Use Drawings - Metron_LXi-450 Field Connections](#)
[Customer Use Drawings - Metron_LX-450 Schematics](#)
[Customer Use Drawings - Metron_LXi-2300 Field Connections](#)
[Customer Use Drawings - Metron_LXi-2300-Dimensions-23CE0011- 200-480V- 15-125HP](#)
[Customer Use Drawings - Metron_LXi-2300-Dimensions-23CE0021- 200-480V- 75-400HP](#)
[Customer Use Drawings - Metron_LXi-2300 Schematics](#)
[Installation Manuals - Metron_LXi_Manual](#)
[Installation Manuals - Metron_LX450_Manual](#)
[Specifications - LXi-2300 Electric Fire Pump Controller with Transfer Switch Autotransformer](#)



A Hubbell brand