LXi-1800 Electric Fire Pump Controller Wye-Delta Closed Transition

By Metron/Metron-Eledyne

Model LXi-1800 is a combined automatic and manual wye-delta reduced current fire pump controllers applied where the capacity of the power source does not permit across-the-line starting of the motor. The controllers are used with six (6) or twelve (12) lead squirrel cage motors designed for wye-delta starting.The motor is started connected in wye, drawing approximately 33% of the locked rotor current and producing approx. 33% of its locked rotor torque. After a short time delay, the controller transitions the motor to the delta connection. The motor current & torque jump to the across-the-line current & torque at the speed at which the transition takes place. The current quickly falls to its normal running current as the motor accelerates to full speed.

Features

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

Application

Fire Protection System

General

Product Assets

Brochures - Specifications for LXi 1800 Controllers
Brochures - LXi Fire Pump Controllers For use with Electric Motor Driven Fire Pumps – Microprocessor Type
Brochures - Metron_LXi -6300AM price list
Brochures - Price List 6300AM
Customer Use Drawings - Metron_LXi-1800 Field Connections
Customer Use Drawings - Metron_LXi-1800 Schematics
Customer Use Drawings - Metron_LXi-1800-Dimensions-18DE0021- 200-600V- 40-200HP
Customer Use Drawings - Metron_LXi-1800-Dimensions-18DE0031- 200-600V- 100-500HP
Customer Use Drawings - Metron_LXi-1800-Dimensions-18DE0011- 200-600V- 15-100HP
Installation Manuals - Metron_LXi_Manual
Specifications - LXi-1800 Electric Fire Pump Controller Wye-Delta Closed Transition

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