



MMU-16LE

MMU-16LEip

MMU-16LE *SmartMonitor*[™] MMU-16LEip *SmartMonitor*[™]

Description

The *MMU-16LEip SmartMonitor*[™], now has the added option of a 10/100Mbps Ethernet communications port to the new industry standard for both NEMA TS-2 and TS-1 users.

The use of Ethernet to communicate with the *SmartMonitor* makes remote diagnostics even easier to accomplish. By furnishing the monitor with an IP address, the unit can be integrated into a wide area network (WAN). Communications may originate from a remote Traffic Management Center, local Controller Unit, or a direct connection to a laptop PC network adaptor.

ECom[™] software provides a user with the capability to retrieve, display, store, and print realtime status and historical data, as well as multiple Signal Sequence logs providing a graphical view of the signal states for up to 30 seconds prior to a fault event.

Built-In, Set-Up and Diagnostic Wizard

The *MMU-16LEip SmartMonitor* includes a built-in set-up Wizard to quickly and accurately configure the monitor parameters simply by answering a short series of questions related to the intersection geometry and cabinet wiring. The built-in context sensitive HELP System and Diagnostic Wizard then automatically pinpoints faulty signals, thus providing technicians with an unprecedented amount of assistance and data feedback quickly with a push of the Help button. The *MMU-16LEip SmartMonitor* menu

driven operation presents signal voltages, data logs and vital cabinet information displayed directly on the *MMU-16LEip SmartMonitor* front panel displays.

The advanced capabilities of the *MMU-16LEip SmartMonitor* increase the operational level of safety of the intersection and enhances the diagnostic features available.

Features

- Meets NEMA TS2-2003 MMU Standard
- Full intersection LCD back-lighted signal display
- Built-in Set up Wizard automatically configures enhanced parameters
- Built-in Diagnostic Wizard automatically pinpoints faulty inputs
- Full event logging capabilities including five Signal Sequence logs
- Compatible with any TS2 Type 1 or Type 2 cabinet
- Downward compatible with TS1 CMU, including new Type 12 with SDLC mode
- The MMU-16LEip model replaces the standard EIA-232 port with a 10/100 Mbps Ethernet port for remote communications with a Traffic Management Center
- A key component for safer traffic control

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