Complies With The New NEMA MMU2 Standard and MUTCD Requirements

SmartMonitor

MMU2-16LE SERIES
NEMA LCD MALFUNCTION MANAGEMENT UNIT

- MMU2-16LEip with Ethernet Port
- MMU2-16LE with EIA-232 Port

Whether you’re a NOVICE or EXPERT Signal Technician, wouldn’t it be great if you could:

- Use a built-in SETUP WIZARD to quickly and accurately configure the Signal Monitor to the exact requirements of the cabinet and intersection?
- Use a MENU DRIVEN LCD interface to view vital cabinet operational details such as field signal voltages, historical event logs, and monitor configuration data?
- Use a built-in DIAGNOSTIC WIZARD to automatically diagnose cabinet malfunctions and pinpoint faulty signals?

If your answer is Yes, the MMU2-16LE SmartMonitor® is for YOU!

NEW MMU2-16LE SmartMonitor® ENHANCED FEATURES

NEMA TS2-2016 Standard: The MMU2-16LE SmartMonitor® meets all specifications of the NEMA Standard TS2-2016 for the MMU2 configuration while maintaining compatibility with NEMA TS1-1989 Assemblies.

NEMA Standard Flashing Yellow Arrow PPLT: The MMU2-16LE SmartMonitor® supports MUTCD Flashing Yellow Arrow PPLT operation and meets / exceeds the NEMA Standard MMU2 requirements of TS2-2016 FYA, providing modes for both TS-2 or TS-1 cabinet configurations.

Standardized Communications: Real-time SDLC communications with the Controller Unit exchanges field input status, Controller Unit output status, fault status, MMU programming, and time and date.

Full Intersection & Status Display: Two high contrast, large area Liquid Crystal Displays (LCD) continuously show full RYG(W) intersection status. A separate graphic LCD provides a menu driven user interface to status, signal voltages, configuration, event logs, and the Help system.

Event Logging: A time-stamped nonvolatile event log records the complete intersection status as well as AC Line events, configuration changes, monitor resets, temperature and true RMS voltages.

Setup Wizard: Use the built-in Setup Wizard to configure the Nema Enhanced settings of the SmartMonitor® by answering a short series of questions regarding intersection design and operation.

Diagnostic Wizard: The Diagnostic Wizard automatically pinpoints faulty signals and offers trouble-shooting guidance.

and Help System: The integrated Help System provides context sensitive operational assistance.

TS-1 Type 12 with SDLC Mode: The MMU2-16LE SmartMonitor® can be configured to operate with the Port 1 SDLC function and Diagnostic Wizard enabled in a TS-1 twelve channel cabinet with no cabinet wiring changes.

Program Card Memory: Enhanced settings of the MMU2-16LE SmartMonitor® are stored in nonvolatile memory on the EDI Program Card. Moving the Program Card to another MMU2-16LE automatically transfers all settings.

Signal Sequence History Log: The five Signal Sequence History logs stored in nonvolatile memory graphically display up to 30 seconds of signal status prior to each fault event.

LEDguard®: This EDI innovative signal threshold technique can be used to increase the level of monitoring protection when using LED based signal heads.

EDI RMS-Engine: A DSP coprocessor converts AC input measurements to True RMS voltages, virtually eliminating false sensing due to changes in frequency, phase, or sine wave distortion.

ECcom PC Software: Access to the MMU2-16LE data is provided by the industry standard EDI ECcom Windows based software for status, event log retrieval, configuration, and data archival.