



MMU2-16LE Series

MALFUNCTION MANAGEMENT UNIT FOR NEMA CABINETS

Use the built-in Setup Wizard to quickly and accurately configure the SmartMonitor® to the exact requirements of the cabinet and intersection.

FEATURES

- NEMA TS2-2016 Standard
- NEMA Standard Flashing Yellow Arrow PPLT
- Standardized Communications
- Full Intersection & Status Display
- Event Logging
- Setup Wizard
- Diagnostic Wizard and Help System

HIGHLIGHTS

- TS-1 Type 12 with SDLC Mode
- Program Card Memory
- Signal Sequence History Log
- LEDguard®
- EDI RMS-Engine
- Access Monitor Data Using ECom PC Software



NEMA CABINET COMPATIBLE

NEMA TS2-2016 Standard

The MMU2-16LE SmartMonitor® Series 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® Series 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 and Help System

The Diagnostic Wizard automatically pinpoints faulty signals and offers trouble-shooting guidance. The integrated Help System provides context sensitive operational assistance.

TS-1 Type 12 with SDLC Mode

MMU2-16LE SmartMonitor® Series monitors 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® Series 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 Series data is provided by the industry standard EDI ECcom Windows based software for status, event log retrieval, configuration, and data archival.

Model Options

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