



For Immediate Release

CONTACT: CARL ZABEL

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EDI Launches New MMU2 *SmartMonitor*[®] Series MMU2-16LEip and MMU2-16LE

This Series Fully Supports the Recently Updated Flashing Yellow Arrow (FYA) Amendment #4-2012 to NEMA TS2-2003 (R2008) Standard for Traffic Controller Assemblies



(Phoenix, AZ, USA) – Eberle Design, Inc. (EDI) is pleased to announce the introduction of the *MMU2-16LEip and MMU2-16LE SmartMonitors*[®]. Both models fully comply with the recently updated *NEMA TS2-2003 (R2008) Standard for Traffic Controller Assemblies, Amendment #4-2012*. This new standards update defines Flashing Yellow Arrow (FYA) operation for both the Controller Unit and the MMU. EDI is also very proud to be the FIRST MMU manufacturer to be fully conformant to the new NEMA standard and MUTCD requirements.

The Final Rule edition of the FHWA MUTCD 2009 manual included revised Sections 4D.17 thru 4D.24, with new sections and figures for modes of left-turn and right-turn signal operations. This development left users and equipment manufacturers with a need for an updated NEMA equipment standard in order to have equipment interchangeability and interoperability when deploying intersections using the Flashing Yellow Arrow signals. The recent standards update from NEMA provides a number of improvements to the TS2-2003 version. Most important is the long awaited Flashing Yellow Arrow operation. Equipment standards such as NEMA TS-2 are vital to users to ensure that traffic control equipment is both interchangeable and interoperable and thus provides a long service life.

The new *SmartMonitor*[®] series is designed to monitor an intersection with up to four approaches using the four section FYA movement outlined by the MUTCD 2009. For monitoring purposes an FYA approach is logically defined as a four input channel consisting of the solid Red Arrow, solid Yellow Arrow, flashing Yellow Arrow (permissive), and solid Green Arrow (protected). Twelve cabinet modes are now supported in the *SmartMonitor*[®] providing configuration choices based on the number of load switches provided and the capabilities of the Controller Unit. In all modes the new MMU2-16LEip and MMU2-16LE *SmartMonitors*[®] have been designed to provide the same broad fault coverage for the FYA approaches as it does for conventional protected left turn phases including Conflict, Red Fail, Dual Indication, and both Minimum Yellow and Minimum Yellow Plus Red Clearance monitoring.

The MMU2-16LE *SmartMonitor*[®] series includes a built-in Setup Wizard to quickly and accurately configure the monitor programming 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 patented Diagnostic Wizard then automatically pinpoints faulty signals, providing technicians with an unprecedented amount of assistance and data feedback quickly with a push of the HELP button. The *SmartMonitor*[®] menu driven operation presents signal voltages, data logs and vital cabinet information displayed directly on the *SmartMonitor*[®] front panel displays. These advanced capabilities will increase the operational level of safety of the intersection and enhance the diagnostic features available. Why guess when you can know!

To receive more information on the new MMU2-16LE *SmartMonitor*[®] models, please call us today at 480-968-6407. To download the catalog sheet, Operation Manual, and Overview, please visit our website at www.EDIttraffic.com.

About EBERLE DESIGN, INC.

An ISO 9001:2008 Registered Company – Celebrating over 32 Years of Excellence!

Eberle Design, Inc. EDI is recognized as a worldwide developer and manufacturer of reliable high-performance component products designed to enhance and augment traffic control systems. The EDI array of products including signal monitors, vehicle detectors, power supplies, flashers, load switches, and other vital infrastructure devices enables transportation professionals to integrate, automate, and manage traffic highways and intersections easily, efficiently and safely. EDI is a proud member of ITSA, IRF, NEMA, ITE, IMSA, IPI, IDA, and AFA industry organizations.