



NSM-3E

ENHANCED NEMA SIGNAL MONITOR

EDI continues to set the industry standard and provide traffic signal professionals with reliable, high quality mission critical component products that improve the performance and lifecycle of traffic control systems.

Providing the signal technician with a full intersection display and powerful monitoring and trouble-shooting tools helps ensure that cabinet malfunctions are detected, diagnosed, and repaired with confidence. True RMS voltage sensing makes the NSM-3E series the most reliable signal monitor available.

Model Options:
NSM-3E 3 channel capability

(Note that the NSM-3E series replaces both the SSM-3E and NSM3 series products.)

NSM-3E ENHANCED FEATURES

NEMA TS1 Standard: The NSM-3E meets all specifications of NEMA Standard TS-1 1989 R2000, Part 6. Basic TS-1 fault coverage includes Conflict, Red Fail, CVM, 24V-I and 24V-II.

- Dual Indication Monitoring detects simultaneous active signals on a channel.
- Clearance Monitoring assures proper sequencing of signals and a minimum yellow clearance interval.
- AC Line Monitoring responds to low AC Line voltages as well as interruptions.

Full Intersection Display: The Full Intersection Display uses Red, Yellow, Green, and Blue LEDs to show active colors of all channel inputs simultaneously for both real-time intersection status and latched fault status.

Dual Indication Monitoring: Detects simultaneous active Green and Yellow, Green and Red, or Yellow and Red inputs on the same channel.

Clearance Monitoring: Detects a short yellow or skipped yellow clearance interval.

Configuration Options: Front panel options include GY Dual Indication, LEDguard, +24V and CVM Latching, Walk Disable, RP Detect.

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

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

EBERLE DESIGN INC.

3510 East Atlanta Avenue
Phoenix, AZ 85040 USA
www.EDITraffic.com

Tel (480) 968-6407
Fax (602) 437-1996

