

SSM-3E Series

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.

The SSM-3E provides the basic functions required by the NEMA TS-1 Standard and adds enhanced monitoring functions to broaden the fault coverage of the monitor and provide additional assurance that cabinet equipment malfunctions will be detected and diagnosed properly.

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

The SSM-E series includes a three channel (SSM-3E) configuration.

SSM-3E STANDARD FEATURES

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

Enhanced Monitor Functions:

- ✓ 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.

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.

Configuration Options: Front panel options include:

- ✓ GY Dual indication
- ✓ +24V and CVM Latching
- ✓ Red Fail Walk Disable
- ✓ External Watchdog input
- ✓ CVM Log Disable.

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