



SSM-18LEPR

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Enhanced NEMA Signal Monitor Unit

A NEW STANDARD OF SAFETY AND DIAGNOSTIC CAPABILITIES

Providing the signal technician with powerful monitoring and trouble-shooting tools helps assure that cabinet malfunctions are detected, diagnosed, and repaired with confidence. The Full Intersection LCD display and event log recording capabilities present the signal technician with detailed and accurate information regarding cabinet operation.

SSM-18LEPR OPERATIONAL FEATURES

- Enhanced Monitoring Functions:** The SSM-18LEPR meets all specifications of NEMA Standard TS1-1994, Part 6. Basic 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:** High contrast, large area Liquid Crystal Displays (LCD) show full intersection status with an active Red, Yellow, Green, and Walk indicator for each channel. Separate indicators identify channels involved in the fault.
- Event Logging:** The SSM-18LEPR maintains a nonvolatile event log recording the complete intersection status as well as previous fault events, and AC Line events. A real time clock time stamps each log event with time and date.
- Configuration Options:** Front panel options include GY Dual indication, +24V and CVM Latching, Red Fail Walk Disable, External Watchdog input, and CVM Log Disable.
- PC Software:** The Event Log is provided in text format using the standard EIA-232 front panel port. Note: The SSM-18LEPR is not compatible with EDI ECom Signal Monitor Communications software.

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