

FEATURES & CAPABILITIES

The Cubic | Trafficware Model NM512E NEMA Conflict Monitor monitors all critical intersection functions and uses LEDs to indicate power failures, conflicts, red failures, controller voltage monitor, program card ajar, and internal processor status. The NM512E also monitors for short yellows, and programmed sequence failures. It allows selectable latching of failures. The NM512E monitor utilizes a standard NEMA program card, and exceeds NEMA TS1 specifications.

- 12 Channel NEMA Monitor
- Enhanced features selectable by channel
- Utilizes standard TS1 program card
- EPROM Memory
- No batteries
- Large dedicated RESET button
- Microprocessor-based circuitry for accuracy and reliability
- Meets & exceeds NEMA TS1-1989 functional and environmental specifications

SPECIFICATIONS

PROGRAMMING

Minimum flash; 0-12 seconds
Short yellow per channel
Programmable sequence monitor
Latch selectable options

INDICATION

Power LED
Conflict LED
Red Fail LED
Indication Fail LED
Min/Seq Fail LED
+24V I LED
+24V II
CVM (Conflict Volt Monitor)

ENVIRONMENTAL

Temperature: -30° F to 165° F
Humidity: 0 to 95 percent

DIMENSIONS

10.5" X 4.5" X 10.9"

POWER

Line Voltage: 75 to 160 VAC, RMS
Line Frequency: 57 to 63 Hz, 60Hz nominal
Power Consumption: 9 watts, typical
Fuse, Front Panel, 1 Amp

MONITORING VOLTAGE

Pickup: 100 +/- 2.5 Volts AC, RMS
Dropout: 92.5 +/- 2.5 Volts AC, RMS
Hysteresis: 7.5 +/- 1.0 Volts AC, RMS

