

## NM512 Conflict Monitor

### FEATURES

- 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



The Trafficware **Model NM512 NEMA Conflict Monitor** is a cost-effective, reliable, and enhanced monitor designed for the most demanding traffic applications. It meets and exceeds NEMA TS1 specifications.

The NM512 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 NM512 also monitors for short yellows, and programmed sequence failures. It allows selectable latching of failures.

The NM512 monitor utilizes a standard NEMA program card.



## Model NM512 Conflict Monitor

### PROGRAMMING

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

### INDICATIONS

- 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

- Height: 10.5 inches
- Width: 4.5 inches
- Depth: 10.9 inches

### NEMA + FEATURES

- Meets and exceeds TS1-1989 Specifications
- Utilizes standard TS1 program card
- EPROM Memory
- No batteries
- Machine tooled socket I.C.'s
- Latch 24V failures
- Latch CVM failure
- Programmed Short Yellow
- Enhanced Monitoring

### ELECTRICAL

#### 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

