

FEATURES & CAPABILITIES

The Tri-Color Malfunction Management Unit (MMU) 516 monitors up to 16 traffic signal channels for conflict, improper sequencing, incorrect timing, and improper signal voltage levels. The MMU 516L-E is fully compliant with NEMA Standard TS2-2003. The MMU 516L-E is also capable of operating in older TS1 type cabinets, and is compatible with 12-channel Conflict Monitor Units conforming to the NEMA Standard TS1-1989.

- High speed internal data transfer and communications via an SDLC port
- High speed external data transfer via an optional RS-232 port
- Tri-Color LEDs Red, Yellow, Green for channel display
- LED indicator lamps for operation analysis
- Removable program card
- High performance machine tooled sockets for integrated circuit mounting
- Meets & exceeds NEMA TS2 specifications

SPECIFICATIONS

PROGRAMMING

Minimum flash; 0-16 seconds
Short yellow per channel
Programmable sequence monitor
Latch selectable option

INDICATION

Conflict LED
Red Fail LED
24 V-1
24 V-2
Controller Voltage Monitor
Red+Yel Clearance
Clearance
Diagnostics
Port 1 Fault, Tx, Rx
Program Card Ajar
Indication Fail LED
Field Check
Power LED
Type 12 Mode

ENVIRONMENTAL

Temperature: -30° F to 74° C
Humidity: <95% non-condensing to +43° C

DIMENSIONS

10.5" X 4.5" X 10.9"

POWER

Line Voltage: 75 to 140 VAC, RMS
Line Frequency: 57 to 63 Hz, 60Hz nominal
Power Consumption: 10 watts, typical
Fuse, Front Panel: 0.5A

MONITORING VOLTAGE

Pickup: 96 +/- 2.5 Volts AC, RMS
Dropout: 91 +/- 2.5 Volts AC, RMS
Hysteresis: 4 +/- 1.0 Volts AC, RMS

