



810 Series

FLASHER UNIT FOR NEMA & CALTRANS CABINETS

The commitment to quality and reliability found in EDI Signal Monitors continues with the Model 810 solid state Flasher.

FEATURES

- Meets NEMA TS1-1994 & NEMA TS2-2003 requirements
- 15 Amp RMS per circuit Maximum Load Current over full NEMA temperature range of -34°C to +74°C
- Operating Voltage Range: 60 to 135 VAC (Model 810-225: 120 to 270 VAC)
- Isolation greater than 2000 volts
- 56 Flashes/Minute, Internal Oscillator Controlled

HIGHLIGHTS

- Flash Rate stable when used with generators or inverters
- Peak Inverse Voltage: 600V
- One cycle surge: 250 A peak
- Noise rejection is greater than ±300V peak
- Dual Output Circuits



NEMA CABINET COMPATIBLE **CALTRANS** CABINET COMPATIBLE

Overview

The heavy duty extruded aluminum heat sink chassis of the Model 810 is designed to allow the triac device to operate with the full load current at high temperature (+74°C) without exceeding the manufacturer "Maximum Allowable Case Temperature" triac device specification. This helps ensure long life and reliable operation from the triac device. It can be shown that device reliability is logarithmically related to device operating temperature.

Load Switch Pairing

The Model 810 solid state Flasher operates best with EDI's Model 510 solid state Load Switch. The Model 510 Load Switch has a 510-225 model option to pair with the Model 810-225 Flasher.

Dimensions

L = 8.025" x H = 4.170" x W = 1.475"

Model Options

Model	Volts	Hertz
810	110 Volts	60 Hz
810-225	220 Volts	50 Hz



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