



200 Series

LOAD SWITCH UNIT FOR NEMA & CALTRANS CABINETS

The commitment to quality and reliability found in EDI Signal Monitors continues with the Model 200 Series solid state Load Switch.

FEATURES

- Meets NEMA TS1, TS2, and Type 170 requirements
- 10 Amp RMS Maximum Load Current over full NEMA temperature range of -34°C to +74°C
- Operating Voltage Range: 60 to 135 VAC (Model 200-225: 120 to 270 VAC)
- Zero crossing: Less than 5 degrees of zero voltage point
- Isolation greater than 2000 volts

HIGHLIGHTS

- Off state leakage less than 10 mA peak
- Maximum input current less than 20 mA
- Peak Inverse Voltage: 600V
- One cycle surge: 250 A peak
- Noise rejection is greater than ±300V peak
- Three electrically independent circuits



NEMA CABINET COMPATIBLE **CALTRANS** CABINET COMPATIBLE

Overview

The heavy duty extruded aluminum heat sink chassis of the Model 200 Series is designed to allow the triac device to operate with the full load current at high temperature (+74oC) 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.

Flasher Pairing

The Model 200 Load Switch operates best with EDI's Model 204 solid state Flasher. The Model 204 Flasher has a 204-225 model option to pair with the Model 200-225 Load Switch.

Dimensions

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

Model Options

Model	Volts	Hertz
200	110 Volts	60 Hz
200-225	220 Volts	50 Hz



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