Model 510 Load Switch

Model 810 Flasher

The commitment to quality and reliability found in EDI Signal Monitors continues with the Model 510 solid state Load Switch and Model 810 solid state Flasher.

The heavy duty extruded aluminum heat sink chassis of the Model 510 / 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.

Model 510 Operational Features

- ✓ Meets NEMA TS1-1994 & NEMA TS2-2003 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
- ✓ Zero crossing: Less than 5 degrees of zero voltage point
- ✓ Isolation greater than 2000 volts
- ✓ 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
- ✓ Dimensions: L = 8.025” x H = 4.170” x W = 1.475”

Model 810 Operational 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
- ✓ Zero crossing: Less than 5 degrees of zero voltage point
- ✓ Isolation greater than 2000 volts
- ✓ 56 Flashes/Minute, Dual Circuit
- ✓ 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
- ✓ Dimensions: L = 8.025” x H = 4.170” x W = 1.475”

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