

## EDI Model 510 Load Switch

### EDI

Orange Traffic offers EDI semiconductor load switches.



### Description

These high-quality switches are housed in a heavy-duty extruded aluminium heat sink chassis which is designed to allow the triac device to operate with the full load current at high temperatures (+70°C) without exceeding the maximum allowable case temperature. This ensures long life and reliable operation.

### Specifications

#### Features

- Meets NEMA TS 1-1994 and NEMA TS 2-2003 standards
- Maximum load current: 10 A over full NEMA temperature range (-34 to +74°C)
- Operating voltage range: 60-135 VAC
- Zero crossing: Less than 5° of zero voltage point
- Isolation > 2000 V
- Off-state leakage < 10 mA peak
- Maximum input current < 20 mA
- Peak inverse voltage: 600 V
- One-cycle surge: 250 A peak
- Noise rejection > ± 300 V peak
- 3 electrically independent circuits
- Dimensions: 105.9 mm (H) x 37.5 mm (W) x 203.8 mm (D) (4.170 x 1.475 x 8.025")

---

**For more information: 1 800 363-5913**

Created on 19.05.2025 at 22:27:28 EDT

