

# Model LS-200



*Engineering Excellence!*

## SOLID STATE LOAD SWITCH



- Two LED indicators per circuit provide independent confirmation of input and output states.
- Output LED is illuminated when the current flowing in the load exceeds 50 mA.
- Maximum rated continuous load current of 10 Amps RMS over the entire operational temperature and voltage ranges. Triacs are rated for 25 Amps RMS.
- Operating voltage range: 89 to 135 VAC RMS at 60 ±3 Hz.
- Operating temperature range: -40° to 165° F (-40° to 74° C).
- Operating humidity range: 5 to 95% (non-condensing).
- Off state leakage current less than 10 mA peak at 135 VAC RMS.
- Isolation greater than 2000 volts RMS.
- Maximum input current: less than 20 mA per input.
- Maximum one cycle surge current: 175 Amps RMS at 120 VAC, 60 Hz.
- Three electrically independent circuits.
- Dimensions: 8.00" (20.32 cm) long x 4.17" (10.59 cm) high x 1.55" (3.94 cm) wide.

### Overview:

The Model LS-200 Load Switch exceeds industry standards by featuring two LED indicators per individual circuit (one for the input, one for the output). This feature provides a means of quickly and accurately conveying information regarding the input and output states of each circuit to assist technicians trouble shooting potential cabinet problems. The Model LS-200 Load Switch is designed to meet or exceed NEMA Standards TS 1-1994 and TS 2-1998 and is compatible with Type 170 installations. Model LS-200 Load Switches are three circuit, solid state devices that are constructed with extruded aluminum exterior components which promote rapid heat dissipation to ensure lower operating temperatures and dependable, long term operation. All internal components are readily accessible to facilitate replacement.

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