

MODEL LS-200

SOLID STATE LOAD SWITCH



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 troubleshooting potential cabinet problems.

The model LS-200 Load Switch is designed to meet or exceed NEMA Standards TS 1-1994 and TS 2-2003 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.

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 is 10 Amps RMS over the entire operational temperature and voltage ranges. Triacs are rated for 25 Amps RMS.

Maximum one cycle surge current is 175 Amps RMS at 120 VAC, 60 Hz

Off state leakage current less than 10 mA peak at 135 VAC RMS

Three electrically independent circuits

Isolation greater than 2000 volts RMS

Maximum input current: less than 20 mA per input

Dimensions: 8" (20.32 cm) Long x 4.17" (10.59 cm) High x 1.55" (3.94 cm) Wide