STANDARD SOLID-STATE RELAY SERIES

For 12 to 24V DC Systems

Specifications Overview

- **Voltage Range:** 9 to 31V DC
- **Max Continuous Current:** 85A
- **Resistance (on):** .005 Ohms
- **Operating Temp:** -40º to +85º C
- **Control Wires:** 16 AWG stranded on/off
- **Input Studs:** 5/16” x 18
- **Size:** Width: 3.0” Length: 5.0” Height: 2.9”

Description

Solid state circuitry means no moving parts to wear out. Fully encapsulated construction gives extended protection against adverse environments.

Features and Benefits

- Fully electronic switching mechanism: no electrical arcs
- Resistant to vibration and mechanical shock
- Withstands contamination from moisture, dust, salt spray
- Needs only a very low control current
- Suitable for high inrush demand circuits (see graph)
- Ideal for a variety of system voltage applications
- Extended service life: tested to 1,000,000 on/off cycles
- Very low control current of .02 Amps (max)
- On/off control voltage must be identical to the system voltage
- Protected from transient voltage spikes or surges
- Studs permit high current connection

Web Resources

Download technical resources at: littelfuse.com/48785

Ordering Information

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<th>PART NUMBER</th>
<th>DESCRIPTION</th>
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<td>48785</td>
<td>Electronic Solid State Relay Switch</td>
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Inrush Current Capability

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