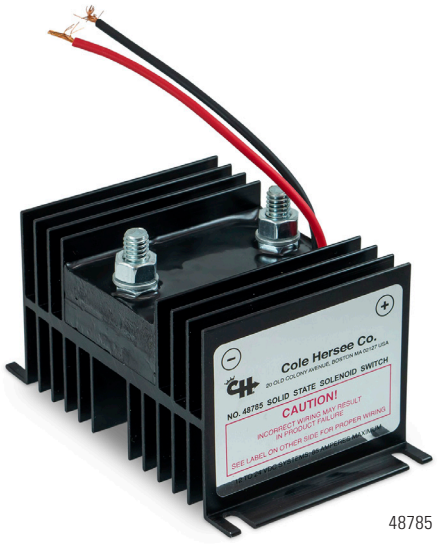
STANDARD SOLID STATE RELAY SERIES

31 V Max 85 A Solid State DC Solenoid Relay Switch



48785

Specifications

Max Voltage Rating:	31 VDC
Current Rating Continuous:	85 A
Auxiliary Contacts:	Cable 16 GLA
Contacts:	Negative Bolt 5/16-18 Positive Bolt 5/16-18
Housing:	Aluminum and Sealant
Input Terminals:	5/16"

Applications

- High-Side Switching
- Low-Side Switching

Description

Suitable for high inrush demand circuits, the Standard Solid State Relay Series 31 V Max 85 A Solid State DC Solenoid Relay Switch offers extended protection against adverse environments thanks to its fully encapsulated construction, and it has no moving parts to wear out. The fully electronic switching mechanism means there are no electrical arcs, delivering a safe, reliable design.

Features and Benefits

- Solid state relay (SSR) handles 31 V maximum and is designed for 12 to 24 V DC systems
- Continuous current rating of 85 A
- Aluminum-bodied, fully encapsulated construction for protection in harsh commercial vehicle environments
- Requires a very low control current
- 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 2D print, installation guide and technical resources at: **littelfuse.com/Standard-Solid**

Ordering Information

PART NUMBER	DESCRIPTION	RECOMMENDED TORQUE	NORMAL POSITION	MOUNTING METHOD
48785	Solid State DC Solenoid Relay Switch	In Terminal Nut 47.8 Lb.in +-8 Lb.in	NO	Flange 4x M5 or 3/16" Bolts
48785-BX	Solid State DC Solenoid Relay Switch - Boxed	In Terminal Nut 47.8 Lb.in +-8 Lb.in	NO	Flange 4x M5 or 3/16" Bolts

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