Littelfuse®
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SR SERIES MASTER DISCONNECT SWITCHES

300A • Isolates High-Current DC Circuits From Battery Sources

PN 880064

PN 880062

Description

Stainless steel hardware and tin-plated copper studs. Can be installed in locations with limited space behind the panel.

Specifications Overview

Max Operating Voltage:	48V, 32V DC & 12V DC Single Cycle: 48V DC
Max Continuous Current:	5A-600A
Inrush Rating (2 sec):	3,500A
Terminal Stud Size:	3/8"-16 (accepts M10 terminals)
Ingress Protection:	IP67/IP69K
Ignition Protection:	Meets ISO 8846 & SAE J1171

Web Resources

Download technical resources at:
littelfuse.com/SR

Features and Benefits

- Isolates the batteries and eliminates battery drain when vehicle is stored overnight or for longer periods. Electrically cuts off battery power for safety or when the vehicle is being serviced.
- Ignition protected to SAE J1171 and ISO 8846 for installation in a battery box or on vehicles carrying hazardous loads.
- Available with integral holes to accept lockout/tagout. No need to purchase additional hardware.
- Plastic construction will not corrode and stands up to roadsplash and salt spray. Ingress protected to IP67/IP69K. Switch can be mounted anywhere on the vehicle.
- Units have a depth of only 3″ (knob front to end of studs) – can be installed in locations where behind-panel space is limited.
- Stainless steel hardware and tin-plated copper contacts minimize resistance in harsh environments.

Specifications

Battery

Battery   Common

Starter or other DC loads

**Master Battery Disconnect
(shown in ON state)**

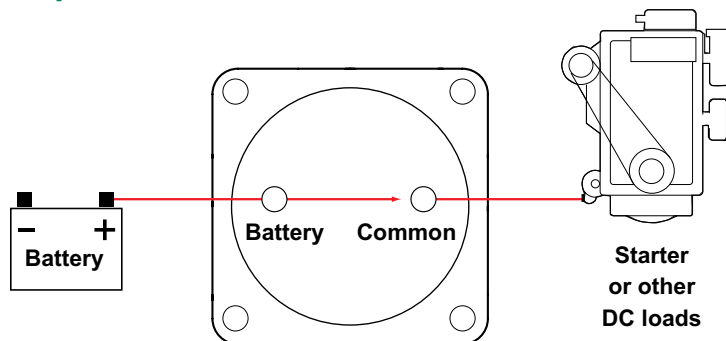## Ordering Information

BULK PART NUMBER	BLISTER PART NUMBER	POLE	MOUNT	MAX VOLTAGE RATING	MAX TOTAL CONTINUOUS CURRENT	TERMINALS
880062	880062-BP	SPST	Flange Mount	48V DC	300A	Two Tin Plated Copper Studs
880064	—	SPST	Panel Mount	48V DC	300A	Two Tin Plated Copper Studs
880154	—	SPST	Panel Mount	32V DC	600A	Two Tin Plated Copper Studs
888842000A	—	SPDT	Panel Mount	12V DC	5A	Molex 33472-0406 MX150
888842001A	—	SPDT	Panel Mount	12V DC	5A	Molex 33472-0406 MX150; Molex 33471-0306 MX150