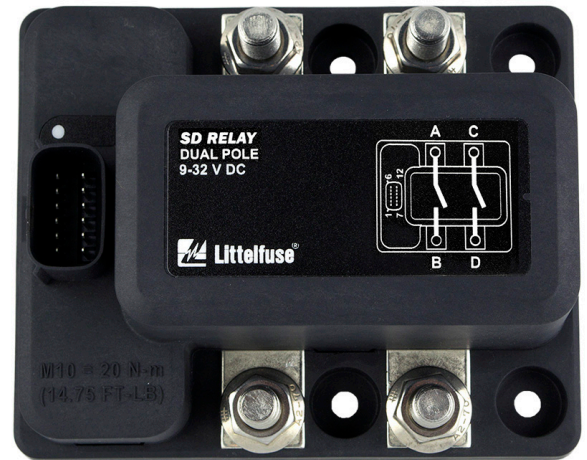


SD Series High-Amp Relay

All-vehicle remote disconnect switching

- ▶ For applications with continuous high-current, large engine starting needs, or high ambient temperatures
- ▶ Bi-stable internal mechanism. Draws no current in On or Off state
- ▶ Supports USDOT 11579 and EU ADR requirements for hazmat transportation vehicles
- ▶ Dual pole model enables switching of two circuits, both positive and negative, or 12V and 24V circuits



PN 880107, Dual Pole

Ordering Information	
Part No.	Description
880103	SD Single Pole Relay 600A
880107	SD Dual Pole Relay 300A

Features & Benefits

Uses small control wires for operation: eliminates the cost and weight of routing large copper cables to operator accessible locations.

Dedicated 24-hour output, thermally protected, for tachograph or other keep-alive functions.

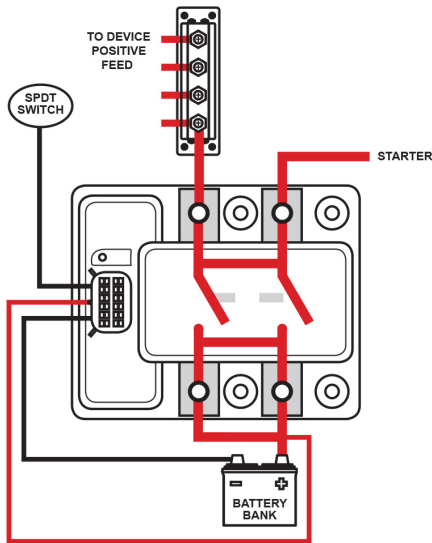
Supports multiple E-stop Off switch control applications.

Ignition protected to SAE J1171 and ISO 8846 for installation in a battery box or on vehicles carrying hazardous loads.

Auxiliary Relay contacts (normally open & normally closed) for Alternator Field Disconnect (AFD) or for additional vehicle system control.

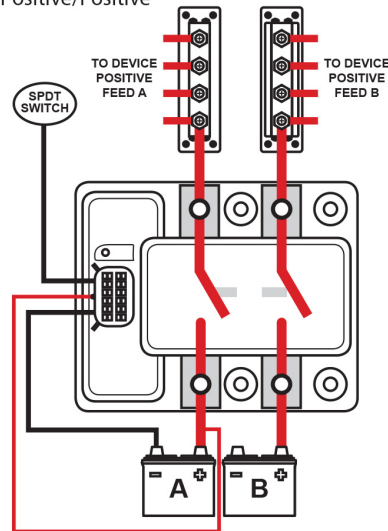
Configurations

PN 880103 (Single Pole)

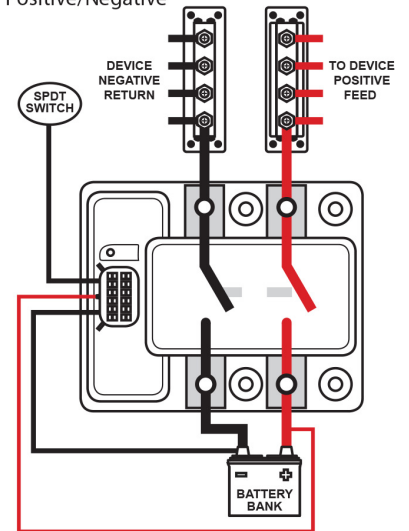


PN 880107 (Dual Pole)

Positive/Positive



Positive/Negative



Specifications

Max continuous current per pole	300A (1 x 4/0 input/output cable)
Max intermittent current per pole (30 sec)	1,500A (1 x 4/0 input/output cable)
Max inrush current (1 sec)	3,000A (1 x 4/0 input/output cable)
Live switching current (28V DC 20,000 operations)	300A make/300A break
Dielectric Breakdown withstand	1,100 VDC, 2 min
Auxiliary contact max switch/continuous current	3A/3A
24 hr protected tachograph output max current	1A
Ignition protection	Meets ISO 8846 & SAE J1171
Ingress rating	IP66/IP69K
Temperature range	-50c to 125C
Humidity	0-95% RH
Shock	30 G
Vibration	8 G
Weight	1.95 lb