

# L-Series Solenoid Switches

**150A and 250A L-Series Solenoid Switches are remotely activated using a low amp switch and smaller gauge wire.**

- Continuous duty, SPST - Normally Open
- Hermetically sealed contacts
- Activated by a remote ON-OFF switch 8230 (sold separately)
- Coil control circuit minimizes heating and amperage draw

## TECH TIP

### Solenoid Switch vs Remote Battery Switch

**Solenoid Switch:** An electronic switch with no manual control, for circuits where a manual battery disconnect is offered elsewhere in the circuit.

**Remote Battery Switch:** A solenoid or relay with a manual control switch allowing for switching if control circuit is compromised and for service lockout.

### Related Products



ON-OFF Switch  
8230

**NEW PRODUCT**



7765

**NEW**



9012

**IGNITION  
PROTECTED**

# Specs

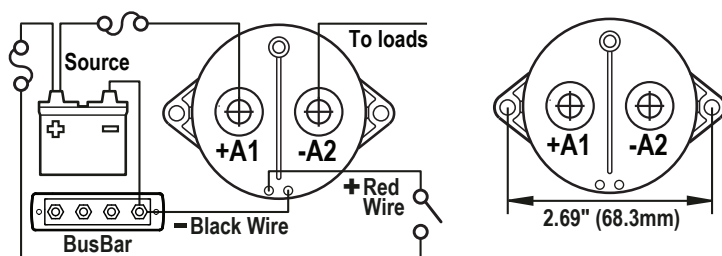
Part #	7765	9012
Description	150A L-Series Solenoid Switch	250A L-Series Solenoid Switch
Operating Temperature	-40°C to +85°C	-55°C to +85°C
Coil Circuit Connection	22 AWG Tinned Wire	20 AWG Tinned Wire
Voltage Nominal	12/24V DC	12/24V DC
Coil Function	Normally Open	Normally Open
Operating Current Changing State	3.8A	3.6A
Operating Current Continuous	0.13A @ 12V, 0.07A @ 24V	0.13A @ 12V, 0.07A @ 24V
Voltage Input	9V-36V DC	9V-36V DC
Terminal Studs	M8 (accepts 5/16" terminals)	M8 (accepts 5/16" terminals)
Terminal Stud Torque	90 in-lb (10 Nm) max.	90 in-lb (10 Nm) max.
Mounting Screws	#10 or M5	#10 or M5
Mounting Screw Torque	15-30 in-lb (1.7-3.4 Nm)	15-35 in-lb (1.7-4 Nm)
Weight	0.95 lb (0.43 kg)	0.9 lb (0.41 kg)
<b>Contact Rating</b>		
Continuous Rating	150A*	250A**
Intermittent Rating	225A* (5 min.)	1000A** (30 sec.)
Cranking Rating (30 sec.)	600A*	900A**
Voltage Maximum	320V DC	800V DC
<b>Regulatory</b>		
	CE marked, IP67-protected against immersion up to 1 meter for 30 minutes	CE marked, IP67-protected against immersion up to 1 meter for 30 minutes, Ignition protected - ISO 8846 and SAE J1171. UL Certified - UL 508 Industrial Control Equipment

\* 2 AWG Cable in 50°C ambient.

\*\* 1/0 AWG Cable in 50°C ambient.

## 9012 Only: Additional wire Size and Current Ratings (50°C Ambient)

Wire Size	Cranking 30 sec.	Intermittent 5 min.	Continuous (UL 1107)
1/0 AWG	900A	275A	250A
2/0 AWG (70 mm²)	1000A	400A	300A
2× 2/0 AWG (2× 70 mm²)	1,450A	600A	450A



Specifications subject to change. See [blueseasystems.com](http://blueseasystems.com) for current information.