

## L-Series Solenoid Switches

**EXPANDED  
OFFERING**

150A or 250A 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) p. 94
- Coil control circuit minimizes heating and amperage draw

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
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 (1/0 AWG Cable in 50°C ambient)
Cranking Rating (30 sec.)	--	1000A (1/0 AWG Cable in 50°C ambient)
Voltage Maximum	900V DC	800V DC
<b>Regulatory</b>		
CE marked		
IP67-protected against immersion up to 1 meter for 30 minutes (see inside back cover)		
9012 ONLY - Ignition protected - ISO 8846 and SAE J1171		
9012 ONLY - UL Certified - UL 508 Industrial Control Equipment		

### 9012 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

For the full list of specifications see page 54



7765

**NEW**

9012

**IGNITION  
PROTECTED**
**TECH tip™**

### Solenoid vs Remote Battery Switch

**Solenoid:** 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 Product



ON-OFF Switch 8230  
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