

CONTINUOUS DUTY SOLENOIDS

6-32V DC • 65-200A • Uncoated or PVC-Coated









Description

Minimizes arcing and contact oxidation, maintains high performance. Universal use with part numbers available to handle loads up to 200A.

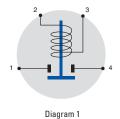
PVC Coated option available for a more environmentallysealed product. Coated solenoids withstand moisture and dust to IP66.

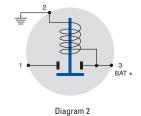
Where vehicle vibration is a problem, we recommend the 24213-01 in which the internal windings are potted for added protection of coil leads and studs.

Web Resources

Download 2D prints and technical resources at: **littelfuse.com/solenoids**

Electrical Schematic





Specifications Overview

Voltage Ratings:6, 12, 24, or 36V DCMax Continuous Current:65, 85, or 200A

Circuitry: Single Pole Single Throw (SPST)

 Contact Form:
 Normally Open

 Contact Terminals:
 Copper or Silver

 Operating Temp:
 -40° to +85°C

 Battery Terminals:
 5/16 - 24 (35 in-lbs / 4.0 Nm)

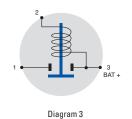
 Coil Studs:
 10-32 (15 in-lbs / 1.7 Nm)

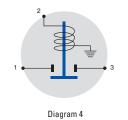
Mechanical Specifications

- SPST Normally open contacts.
- Plated steel housing. Hexnuts and washers included.
- Large (power circuit) battery studs; copper 5/16" -24 thread.
- Small (control circuit) coil studs; steel 10-32 thread.
- Bracket mounting holes 5/16 X 19/32" (7.9 X 15.1mm) on 2 13/64" centers (56.0mm).
- Available with PVC coated exterior or Potted Coil interiors for harsh environments or vibration resistance.
- Caution: Never unscrew the inner hexnuts on the studs. These keep the stud and inner wiring in place.

Ordering Information

See chart on page 2





Datasheet Replaces Hotfeed Number D-500



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Ordering Information

Ordering Information														
	PART NUMBER	VOLTAGE	AMPS	INSULATED /	CIRCUITRY	FORM/ CONTACTS	CONTACT	PVC COATED	UL LISTED	POTTED COIL	IMAGE	DIAGRAM	NOTES	
BULK	BOXED	RETAIL	10/	Ā	GROUNDED	CIRC	ENOS.	MATERIAL	- O	ULL	POTTI	≧	DIA	
24080	24080-BX	_	36	85	Insulated	SPST	NO	Copper				А	1	
24080-01	-	-		65	Insulated	SPST	NO	Copper		•		А	1	Intermittent rating: 125A Make, 65A Break 10 sec on, 30 min off - UL Requirement
24200	24200-BX	_		110	Insulated	SPST	NO	Copper				А	Refer to 2D Print	Momentary switch, latching solenoid
24008	24008-BX	-	24	120	Insulated	SPST	NO	Copper				А		Special spring for stronger contact return force
24008-03	-	-		120	Insulated	SPST	NO	Copper				Α		Components shipped unassembled
24063	24063-BX	-		85	Insulated	SPST	NO	Silver				А	1	
24063-08	24063-08-BX	_		85	Insulated	SPST	NO	Copper	•	•		В	1	
24214	24214-BX	-		200	Insulated	SPST	NO	Silver				А	1	
24107	24107-BX	_		85	Insulated	SPST	NO	Copper				С	2	
24124	24124-BX	_		85	Grounded	SPST	NO	Copper				С	4	
24524-10D	_	_		100	Insulated	SPST	NO	Copper				Refer to 2D Print	Refer to 2D Print	
24037	24037-BX	-	12	750	Grounded	SPST	NO	Copper				С	4	
24044	24044-BX	_		750	Grounded	SPST	NO	Copper				D	4	
24047	24047-BX	-		750	Insulated	SPST	NO	Copper				А	1	
24059	24059-BX	24059-BP		85	Insulated	SPST	N0	Copper				А	1	
24059-08	24059-08-BX	24059-08-BP		65	Insulated	SPST	N0	Copper		•		А	1	Intermittent rating: 750A Make, 100A Break 10 sec on, 30 min off - UL Requirement
24106-07	_	_		85	Grounded	SPST	NO	Copper				С	4	P/N, Date Code, Voltage ink stamped on surface
24115	24115-BX	-		85	Insulated	SPST	NO	Copper				С	3	
24117	24117-BX	_			Insulated	SPST	NO	Copper	•			В	1	
24117-01	24117-01-BX	24117-01-BP			Insulated	SPST	NO	Copper	•			В	1	
24213	24213-BX	_		200	Insulated	SPST	NO	Silver				А	1	
24213-01	-	-		200	Insulated	SPST	NO	Silver			•	В	1	IP66
24213-03	_	_		200	Insulated	SPST	NO	Silver	•			В	1	Black PVC Coating ● IP66
24106	24106-BX	-		85	Grounded	SPST	NO	Copper				С	4	
24082	24082-BX	-		85	Grounded	SPST	NO	Copper				D	4	Curved Bracket
24097	24097-BX	-	6	85	Grounded	SPST	N0	Copper				А	1	



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