Solenoids

Intermittent Duty
Continuous Duty

Consult factory for switches having specifications other than those shown in this catalog.
200 amp Continuous Duty Solenoids • SPST • Normally open contacts • One circuit: Off-On

Contacts: silver.
Housing: plated steel.
Contact terminal: 5/16"-24 thread.
Bracket mounting holes: 5/16" x 19/32", 2 13/64" on centers.

No. 24143  12 volt
Rated at 200 amps.

No. 24144  24 volt
Rated at 200 amps (carry only, not to break 200 amps at 24 VDC).

Intermittent Duty Solenoids • SPST • Normally open contacts • One circuit: Off-On

Contacts: copper.
Housings: plated steel and phenolic.
Terminals: copper; small ignition and ground terminals are 10-32 thread, large contact terminals are 5/16" - 24 thread, with hex nuts and lock washers included.

Intermittent Duty • 120 amps make • 65 amps break • 10 secs. on - 30 min. off

24 Volts

INSULATED

No. 24008 Steel Housing
Bracket mounting holes 5/16" x 19/32", 2 13/64" on centers.

No. 24104 Steel Housing
Bracket mounting holes 5/16" x 19/32", 2 13/64" on centers.

Intermittent Duty • 750 amps make • 100 amps break • 10 secs. on - 20 min. off

12 Volts

GROUNDED

For plasticized model see No. 24071 pg. 58.

No. 24037 Steel Housing
Bracket mounting holes 5/16" x 19/32", 2 13/64" on centers.

No. 24022 Phenolic Housing
Bracket mounting holes 9/32" x 25/64", 2 7/64" on centers.

No. M-202 Steel Housing
Bracket mounting holes 5/16" x 19/32", 2 13/64" on centers.

MARINE CONSTRUCTION
Clear dichromate protective finish.
Brass hex nuts and lock washers.

No. 24044 Steel Housing
Bracket mounting holes 5/16" x 19/32", 2 1/8" on centers.

No. 24020 Phenolic Housing
Bracket mounting holes 9/32" x 11/16", 2 1/8" on centers.

12 Volts

GROUNDED

No. 24103 Steel Housing
Contact terminal 5/16"-24 thread, bracket mounting holes 5/16" x 19/32", 2 13/64" on centers.

No. 24021 Phenolic Housing
Contact terminal 5/16"-24 thread, bracket mounting holes 9/32" x 1/2", 2 13/64" on centers.

12 Volts

GROUNDED

Resistor Shorting Circuit

No. 24138 Phenolic Housing
Contact terminal 5/16"-18 thread, bracket mounting holes 3/32" x 11/16", 2 7/64" on centers.

With breather

No. 24138 Phenolic Housing
Contact terminal 5/16"-18 thread, bracket mounting holes 3/32" x 11/16", 2 7/64" on centers.

Minimum order quantity may apply. Please consult factory or current price list.
Intermittent Duty Solenoids • SPST • Normally open contacts • One circuit: Off-On

**Contacts:** copper.  
**Housings:** plated steel and phenolic.

**Terminals:** copper; small ignition and ground terminals are 10-32 thread, large contact terminals are 5/16” - 24 thread, with hex nuts and lock washers included.

Intermittent Duty • 750 amps make • 100 amps break • 10 secs. on - 20 min. off

12 Volts

- **No. 24046**  
  Steel Housing  
  Bracket mounting holes 5/16” x 19/32”, 2 13/64” on centers.

- **No. 2430**  
  Phenolic Housing  
  Bracket mounting holes 9/32” x 1/2”, 2 13/64” on centers.

For plasticized model see No. 24077 pg. 58.

12 Volts

- **No. 24047**  
  Steel Housing  
  Bracket mounting holes 5/16” x 19/32”, 2 13/64” on centers.

- **No. 24023**  
  Phenolic Housing  
  Bracket mounting holes 9/32” x 3/4”, 2 13/64” on centers.

For plasticized model see No. 24076 pg. 58.

12 Volts

- **No. M-200**  
  Steel Housing  
  Bracket mounting holes 5/16” x 19/32”, 2 13/64” on centers.

12 Volts

- **No. 24060**  
  Steel Housing  
  Bracket mounting holes 5/16” x 19/32”, 2 13/64” on centers.

12 Volts

- **No. M-200-01**  
  Steel Housing  
  Bracket mounting holes 5/16” x 19/32”, 2 13/64” on centers.  

Intermittent Rating: 750 amps make, 100 amps break, 10 seconds On, 30 minutes off

6 Volts

- **No. 24041**  
  Steel Housing  
  Bracket mounting holes 5/16” x 19/32”, 2 1/8” on centers.

- **No. 24039**  
  Steel Housing  
  Bracket mounting holes 5/16” x 19/32”, 2 1/8” on centers.

- **No. 24055**  
  Steel Housing  
  Bracket mounting holes 5/16” x 19/32”, 2 13/64” on centers.

- **No. 24043**  
  Steel Housing  
  Bracket mounting holes 5/16” x 19/32”, 2 1/8” on centers.

Minimum order quantity may apply. Please consult factory or current price list.
Continuous Duty Solenoids • SPST • Normally closed contacts

For forward and reverse systems in golf carts, garden tractors, fork lift trucks, winch operation, etc.

Housings: steel.
Contact terminal: 5/16"-24 thread.
Bracket mounting holes: 5/16" x 19/32", 2 13/32" on centers.

Continuous Duty Solenoid • SPST • Normally open and normally closed contacts

For 12 VDC systems • Requires less than 3.5 amps to operate • Compact, mounts in tight locations.

No heat is generated because coil is taken out of circuit.

Application Information

Remote battery isolator
Can be used to isolate one battery from another in a two battery system and prevent battery power loss or drain. The No. 24200 will not produce voltage drop typically associated with battery isolators because of its electro-mechanical characteristics (i.e. not relying on diodes) to perform the isolating function. In this application, No. 24200 is used in conjunction with a momentary switch.

Remote battery disconnect switch
Can be used as a battery disconnect switch where vehicle wiring constraints do not allow for the location of heavy gauge wires. In this application, No. 24200 is used in conjunction with a momentary switch located on a panel or dash.

Minimum order quantity may apply. Please consult factory or current price list.
Continuous Duty Solenoids • SPST • Normally open contacts • One circuit: Off-On

Contacts: copper.  
Housings: plated steel.  
Ignition and ground terminals: copper, 10-32 thread, hex nuts and lock washers included.  
Contact terminals: copper, 5/16" - 24 thread, hex nuts and lock washers included.

Continuous Duty • 85 amps

**36 Volts**

**No. 24080 Steel Housing**  
Bracket mounting holes 9/32" x 11/16", 2 7/64" on centers.  
For plasticized model see No. 24135 pg. 58.

**36 Volts**

**No. 24080-01 Steel Housing**  
Bracket mounting holes 9/32" x 11/16", 2 7/64" on centers.  
Continuous Rating: 65 amps 36 VDC  
Intermittent Rating: 120 amps make, 65 amps break  
10 seconds On, 30 minutes off  
UL listed  
ISO 8846 MARINE

**Continuous Duty • 85 amps**

**24 Volts**

**No. 24124 Steel Housing**  
Bracket mounting holes 5/16" x 19/32", 2 13/64" on centers.

**24 Volts**

**No. 24063 Steel Housing**  
Bracket mounting holes 5/16" x 19/32", 2 13/64" on centers.  
For plasticized model see No. 24063-08 pg. 58.

**24 Volts**

**No. 24107 Steel Housing**  
Bracket mounting holes 5/16" x 19/32", 2 13/64" on centers.

**Continuous Duty • 85 amps**

**12 Volts**

**No. 24106 Steel Housing**  
Bracket mounting holes 5/16" x 19/32", 2 13/64" on centers.

**12 Volts**

**No. 24115 Steel Housing**  
Bracket mounting holes 5/16" x 19/32", 2 13/64" on centers.

**12 Volts**

**No. 24059-08 Steel Housing**  
Bracket mounting holes 5/16" x 19/32", 2 13/64" on centers.  
Continuous Rating: 65 amps 12 VDC  
Intermittent Rating: 750 amps make, 100 amps break  
10 seconds On, 30 minutes off  
UL listed  
ISO 8846 MARINE

**Continuous Duty • 85 amps**

**6 Volts**

**No. 24105 Steel Housing**  
Bracket mounting holes 5/16" x 19/32", 2 13/64" on centers.

**6 Volts**

**No. 24097 Steel Housing**  
Bracket mounting holes 5/16" x 19/32", 2 13/64" on centers.

Minimum order quantity may apply. Please consult factory or current price list.
Plasticized Steel Housing Solenoids

Intermittent Duty • SPST • Normally open contacts • One circuit: Off-On
Intermittent Duty • 750 amps make • 100 amps break • 10 secs. on - 20 min. off

12 Volts
No. 24076
Bracket mounting holes 5/16” x 19/32”, 2 13/64” on centers. Contact terminal: 5/16”-24 thread.

12 Volts
No. 24077
Bracket mounting holes 5/16” x 19/32”, 2 13/64” on centers. Contact terminal: 5/16”-24 thread.

12 Volts
No. 24071
Bracket mounting holes 5/16” x 19/32”, 2 13/64” on centers. Contact terminal: 5/16”-24 thread.

Continuous Duty • SPST • Normally open contacts • One circuit: Off-On
Continuous Duty • 85 amps

36 Volts
No. 24135
Bracket mounting holes 5/16” x 19/32”, 2 13/64” on centers. Contact terminal: 5/16”-24 thread.

36 Volts
No. 24135-01
Bracket mounting holes 5/16” x 19/32”, 2 13/64” on centers. Contact terminal: 5/16”-24 thread.
Continuous Rating: 65 amps 36 VDC
Intermittent Rating: 120 amps make, 65 amps break
10 seconds On, 30 minutes off

24 Volts
No. 24063-08
Bracket mounting holes 5/16” x 19/32”, 2 13/64” on centers. Contact terminal: 5/16”-24 thread.
Continuous Rating: 65 amps 24 VDC
Intermittent Rating: 120 amps make, 65 amps break
10 seconds On, 30 minutes off

Continuous Duty • 85 amps

12 Volts
No. 24117
Bracket mounting holes 5/16” x 19/32”, 2 13/64” on centers. Contact terminal: 5/16”-24 thread.

12 Volts
No. 24117-01
Bracket mounting holes 5/16” x 19/32”, 2 13/64” on centers. Contact terminal: 5/16”-24 thread.
Continuous Rating: 65 amps 12 VDC
Intermittent Rating: 750 amps make, 100 amps break
10 seconds On, 30 minutes off

Continuous Duty • SPDT • Normally open and normally closed contacts
Continuous Duty • normally closed contacts 35 amps • normally open contacts 85 amps

12 Volts
No. 24401-04
Bracket mounting holes 5/16” x 19/32”, 2 13/64” on centers. Contact terminal: 5/16”-24 thread.