

Switches

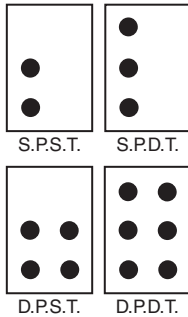
INFO **SWITCH TYPES:**

S.P.S.T. = single pole, single throw switches control a single wire circuit.

S.P.D.T. = single pole, double throw switches control two single wire circuits permitting only one circuit to be energized at a time.

D.P.S.T. = double pole, single throw switches control two circuits simultaneously. Circuits are ON at the same time, OFF at the same time and may be of different voltages from separate sources.

D.P.D.T. = double pole, double throw switches control four circuits, permitting only two circuits to be energized at a time.

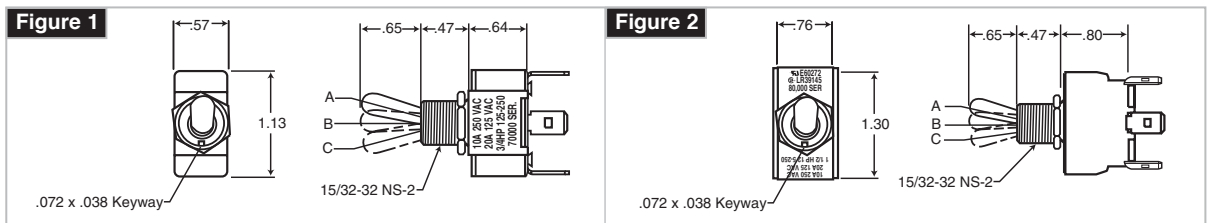



Heavy-duty Toggle Switches

- Typical applications: industrial controls, marine panels, trucks, buses and automotive.
- Materials: brass terminals, frame and support are steel with zinc chromate, case is black phenolic plastic (flammability rating: UL 94 flame class 94V-1) and all other external parts are brass/bright nickel.
- All motor-rated, heavy-duty toggle switches are rated for 20 amp, 277 VAC.
- **Recommended mounting hole: 1/2" diameter.**

INFO **SPECIFICATIONS:**

Single Pole Switches:	Double Pole Switches:	OEM - back-up nut assembled only, other hardware poly bagged Assembled - all hardware assembled
10A/277V AC	10A/277V AC	
20A/125V AC	20A/125V AC	
21A/14V DC	21A/14V DC	
1/2 HP 125-250V AC	1 1/2 HP 125-250V AC	



Note: All toggles must be installed with a hex nut (provided) behind panel to prevent damage during installation.

Single Pole Heavy-duty Toggles



Poles	Circuit Arrangement			.250 Flat	Screw
	A	B	C	Assembled	Assembled
S.P.S.T.	ON	—	OFF	55014	5582
S.P.S.T.	(ON)	—	OFF	55037	55020
S.P.S.T.	ON	—	(OFF)	55049-01	—
S.P.D.T.	ON	—	ON	55015	5584
S.P.D.T.	ON	—	(ON)	—	DC7200037
S.P.D.T.	ON	OFF	ON	55016	5586
S.P.D.T.	ON	OFF	(ON)	—	55088
S.P.D.T.	(ON)	OFF	(ON)	55033-01	55021

() Indicates momentary action

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Double Pole Heavy-duty Toggles



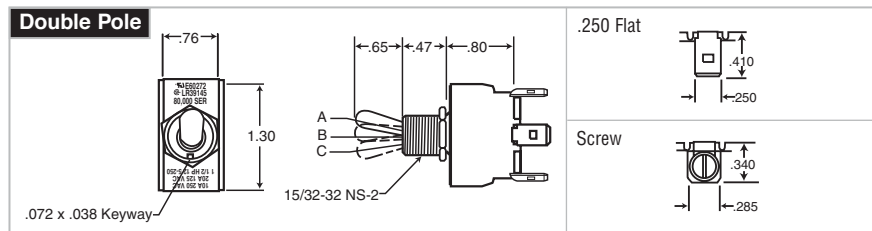
Poles	Circuit Arrangement			.250 Flat	Screw
	A	B	C	Assembled	Assembled
D.P.S.T.	ON	—	OFF	*55017	5588
D.P.S.T.	(ON)	—	OFF	—	DC7300015
D.P.D.T.	ON	—	ON	55018-01	—
D.P.D.T.	ON	—	(ON)	—	DC7300033
D.P.D.T.	ON	OFF	ON	55019	5592
D.P.D.T.	ON	OFF	(ON)	—	—
D.P.D.T.	(ON)	OFF	(ON)	—	—

() Indicates momentary action

* Indicates long handle

Specialty Circuit, Heavy-duty Toggle Switches

- A complete line of heavy-duty reversing and progressive toggle switches.
- Typical applications: tailgate, lift platform, motor controls.
- **Recommended mounting hole: 1/2" diameter.**



Note: All switches must be installed with a hex nut (provided) behind panel to prevent damage during installation.

Specialty Circuit, Heavy-duty Toggles

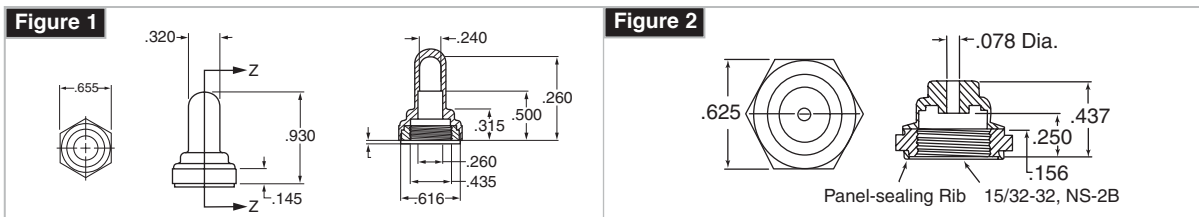
Poles	Style	Circuit Arrangement			Part No.	Termination		Ratings	No. of Terminals
		A	B	C		OEM	Assembled		
D.P.D.T.	Reversing	ON	—	ON	55018-01	—	Screw	21 amp, 14 volts DC	6
D.P.D.T.	Reversing	(ON)	OFF	(ON)	*55046	—	.250 Flat	21A, 14V DC	4

* Indicates long handle

Toggle Accessories



- Tough rubber silicone covers are UV-resistant and protect switches from moisture, dust and dirt.
- Built-in hex nut base screws on to most toggle switches.
- Boots are rated for -40°C to 180°C (-40°F to 356°F).
- 7900001 meets NEMA 4 requirements.



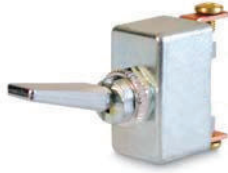
Note: All toggles must be installed with a hex nut (provided) behind panel to prevent damage during installation.

Part No.	Description	Boot Style
81264	Full Boot Toggle	Figure 1
81255	Half (1/2) Boot Toggle	Figure 2

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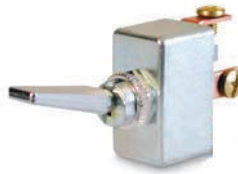


On-Off Toggle Switches



- 50 amps at 12V DC.
- Die cast housing, silver plated contacts and heavy copper terminals.
- Ideal for low voltage, high amp applications.
- $\frac{1}{2}$ " stem diameter x $\frac{1}{2}$ " length.
- Die cast toggles are rated for 50,000 cycles electrical life, 100,000 cycles mechanical life.
- **Recommended mounting hole: $\frac{1}{2}$ " diameter.**

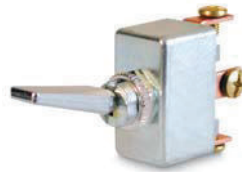
Poles	Handle Color	Termination	
		.250 Flat	Screw
S.P.S.T.	Chrome	34-216	34-212



On-Off Toggle Switch

- Two positions with copper screw terminals.
- Bat handle, $1\frac{1}{8}$ " long.
- Die cast toggles are rated for 50,000 cycles electrical life, 100,000 cycles mechanical life.
- **Recommended mounting hole: $\frac{1}{2}$ " diameter.**

Part No.	Poles	Rated
34-213	S.P.S.T.	50 amps at 6/12/24 volts DC



On-Off-On Toggle Switch

- Three positions with copper screw terminals.
- Chrome plated handle.
- Die cast toggles are rated for 50,000 cycles electrical life, 100,000 cycles mechanical life.
- **Recommended mounting hole: $\frac{1}{2}$ " diameter.**

Part No.	Poles	Rated
34-218	S.P.D.T.	50 amps at 6/12/24 volts DC



On-Off Switch

- All brass, two position toggle switch.
- Furnished with nickel-plated brass face nut and brass back-up nut.
- Mounting stem $\frac{3}{8}$ " long, $\frac{7}{16}$ " diameter with $\frac{7}{16}$ " x 28 threads.
- Perfect for marine use.

Part No.	Poles	Rated
33-300	S.P.S.T.	35 amps at 6 volts AC, 20 amps at 12 volts DC



Ignition Switch

- Starter switch, premium brass construction.
- Three terminals, three positions.
- Mounting stem: $1\frac{1}{16}$ " long, diameter $\frac{1}{16}$ ".
- Rated 25 amps at 6 volts DC, 15 amps at 12 volts DC.
- Two keys are included.

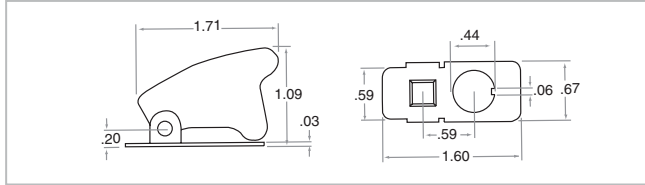
Part No.	Description
DC73450	Ignition Switch



Toggle Safety Cover



- Rugged spring-loaded design provides protection against accidental actuation.
- Perfect for a variety of industry applications, from Racing to Agriculture.
- Materials: Base faceplate is black steel; cover is red urea plastic.
- Mounting hole accepts all standard on-off toggles with $\frac{15}{32}$ " mounting stems.
- Also available in Green, Yellow, & Blue.

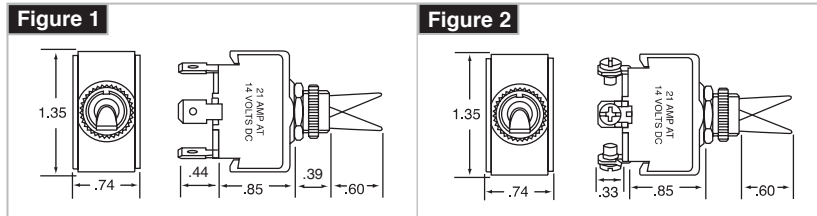
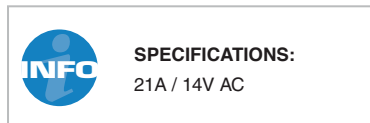


Part No.	Description
DC73200	Toggle Safety Cover

Light-duty Toggle Switch



- Our lighted toggles contain an internal "o" ring seal to protect against dust and moisture.
- Rated for 12 volts, and available in both dependent and independent illumination circuits.
- **Recommended mounting hole: $\frac{1}{2}$ " diameter.**



Part No.	Poles	Circuit Arrangement			Description
		A	B	C	
M54110	S.P.D.T.	ON	—	OFF	red dependent/white independent
M54109	S.P.S.T.	ON	—	OFF	red dependent/white independent

Rocker Switches



- Two position rocker switches with black nylon housing.
- Illuminated "ON" position.
- Three ($\frac{1}{4}$ ") male blade terminals.
- Rated at 20A/12V DC.
- **Recommended mounting hole: $\frac{1}{2}$ " x 1".**

Part No.	Poles	Circuit Arrangement			Color
		A	B	C	
DC73355	S.P.S.T.	ON	—	OFF	Red
DC73365	S.P.S.T.	ON	—	OFF	Green
DC73375	S.P.S.T.	ON	—	OFF	Amber
DC73385	S.P.S.T.	ON	—	OFF	Blue

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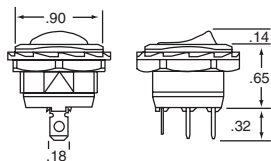




quare Face, Round Hole Rocker Switches

Just resistant nylon housing (UL Flame: 94V-2) with backup nut design.
 Available in non-illuminated and illuminated (LED and incandescent) styles.
 Recommended mounting hole: .787" diameter.

Figure 1



SPECIFICATIONS:

- 16A/125V AC
- 10A/250V AC
- 20A/12V DC
- 6mm max panel thickness

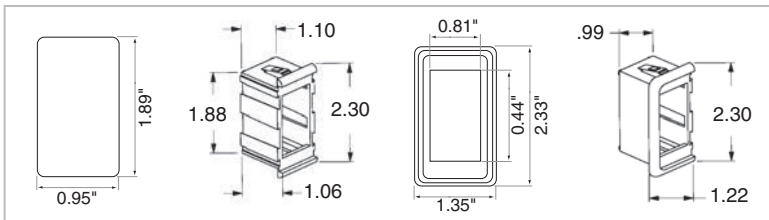
Non-illuminated

Part No.	Poles	Circuit Arrangement			Description
		A	B	C	
DC7500015	S.P.S.T.	ON	—	OFF	Non-illuminated

Modular Brackets



- Introducing a quick and clean system to mount switches.
- Able to be assembled in countless configurations to meet your switch needs.
- Manufactured to accommodate our Full Size Rocker Series and Surf N' Turf Sealed Rockers.
- Creating your own switch panel has never been easier.



Part No.	Description
98628	Rocker Panel Plug
82159-2	Middle Rocker Panel
82159-1	Single Rocker Bracket
87167-01	End Rocker Panel



Push-Button Switch

- Momentary push-button switch for operating fog horns and sirens.
- Plastic button and chrome-plated brass shell and mounting bracket.
- Mounting center: 2 7/8", overall length: 2 3/8", 1 1/2" diameter.
- Rated at 5A/12V DC.

Part No.	Circuit Arrangement		
	A	B	C
52-661	(ON)	—	OFF

() Indicates momentary action

Full Size Rocker Switches



- Heavy-duty construction.
- Plain and lighted versions.
- Moisture and dust resistant.
- Recommended uses: Commercial appliances, industrial controls, van conversions, marine panels, automotive, motor controls, trucks and buses.
- Materials: terminals are brass, frame and rocker are black glass-filled nylon, case is black nylon (flammability rating: UL 94 flame class 94V-2), gasket is molded elastomer.
- Recommended mounting hole: .830" (±.015) x 1.450" (±.005).



SPECIFICATIONS:

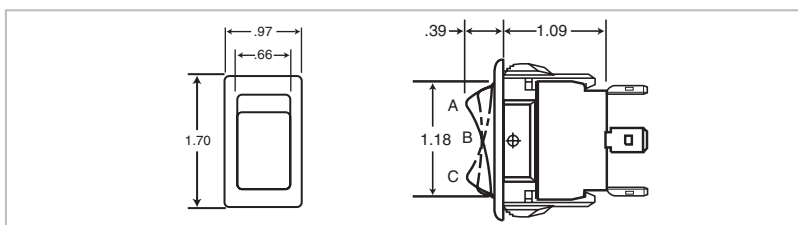
Single Pole Switches:

10A/277V AC
20A/125V AC
¼ HP 125-250V AC

Double Pole Switches:

10A/277V AC
20A/125V AC
1½ HP 125-250V AC

Note: Because panel material will affect mounting performance, all mounting panel cutouts should be tested for suitability prior to manufacture.



Single & Double Pole Non-illuminated

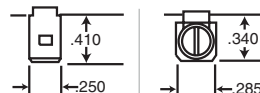


Poles	Circuit Arrangement			Termination	
	A	B	C	.250 Flat	Screw
S.P.S.T.	ON	—	OFF	*34-308	34-301
S.P.S.T.	(ON)	—	OFF	58027-01	—
S.P.D.T.	ON	—	ON	—	—
S.P.D.T.	ON	OFF	ON	58327-06	—
S.P.D.T.	(ON)	OFF	(ON)	58027-04	—
D.P.S.T.	ON	—	OFF	—	—
D.P.D.T.	ON	—	ON	34-359	—
D.P.D.T.	ON	OFF	ON	58027-11	—
D.P.D.T.	ON	OFF	(ON)	—	—
D.P.D.T.	(ON)	OFF	(ON)	—	—

() Indicates momentary action

* also available with special markings on face: -O

Lighted Rocker Switches



Poles	Circuit Arrangement			Termination		Lens Color
	A	B	C	.250 Flat	Screw	
S.P.S.T.	ON	—	OFF	34-360	—	Red
S.P.S.T.	ON	—	OFF	—	34-305	Red
S.P.S.T.	ON	—	OFF	—	34-306	Green
S.P.S.T.	ON	—	OFF	—	34-307	Amber

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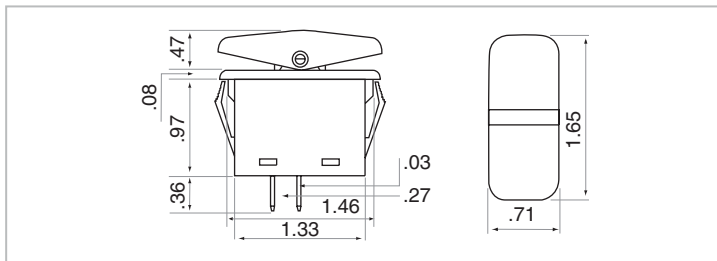
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Surf 'N Turf™ Guardian Series

- Recommended uses: marine panels, trucks, buses, trailer, construction, farm equipment and recreation equipment.
- Moisture and dust resistant.
- Designed to meet or exceed IP56 requirements.
- 20 amps, 14V DC.
- **Recommended mounting hole: .60" (± 0.004) x 1.450" (± .004).**



Poles	Rocker Color or Description	Circuit Arrangement			Part No.	No. of Terminals
		A	B	C		
S.P.S.T.	Black/Black	ON	—	OFF	DC73280	2
S.P.S.T.	Black/Red Dep.	ON	—	OFF	DC73281	3
S.P.S.T.	Black/Red (ON)	(ON)	—	OFF	DC73285	2
S.P.D.T.	Black/Black	ON	OFF	ON	DC73282	3
S.P.D.T.	Black/Black	(ON)	OFF	(ON)	DC73284	3

() Indicates momentary action

* Illuminated, dependent



Round Hole Rocker Switches

- Non-illuminated: 2 (¼") male blade terminals, illuminated: 3 (¼") male blade terminals.
- Rated 30A/12V DC.
- **Recommended mounting hole: ½" diameter.**



Part No.	Poles	Circuit Arrangement			Color	Description
		A	B	C		
DC73310	S.P.S.T.	ON	—	OFF	—	Non-illuminated
DC73312	S.P.S.T.	ON	—	OFF	Red Glo	Illuminated
DC73314	S.P.S.T.	ON	—	OFF	Amber Glo	Illuminated
DC73316	S.P.S.T.	ON	—	OFF	Blue Glo	Illuminated
DC73318	S.P.S.T.	ON	—	OFF	Green Glo	Illuminated



Round Hole Rocker Switch

- Dust resistant black nylon housing (UL Flame: 94V-2) with back-up nut design.
- Rated to 10A/125V AC; 6A/250V AC.
- Connection points are silver plated brass.
- Recommended mounting hole: .708".

Part No.	Poles	Circuit Arrangement			Markings
		A	B	C	
DC7100006	S.P.S.T.	ON	—	OFF	Black, White Dot

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Push-Button Switch

- Heavy-duty, momentary push-button switch.
- $\frac{5}{8}$ " - 32 UNS mounting bushing for panels up to $\frac{1}{2}$ " thick.
- Die cast with silver/copper contacts for long life.
- Rubber dust and moisture-resistant. Boot nut included.
- Rated at 50A/12V DC.

Part No.	Circuit Arrangement		
	A	B	C
CH90030	(ON)	—	OFF

() Indicates momentary action



Push-Button Starter & Horn Switches

- Insulated type push-button starter and horn switches.
- Moisture-proof switch supplied with a special moisture-proof and dust-proof rubber cap.
- 73485 supplied with chrome-plated brass face nut and back-up nut.
- Mounting bushing: $1\frac{1}{4}$ " long, $\frac{5}{8}$ " diameter.
- Overall length: $2\frac{7}{8}$ ", width $\frac{7}{8}$ ".
- Brass washer and back-up nut, stainless steel springs.
- Accommodates 1" panel.
- Rated at 25A/6V DC, 15A/12V DC.



Part No.	Circuit Arrangement		
	A	B	C
DC73495	(ON)	—	OFF
DC73485	(ON)	—	OFF

() Indicates momentary action



GM Self-adjusting OEM Door Switch

- Self-adjusting dual grounding door switch.
- Requires a $\frac{5}{16}$ " hole size.

Part No.	Description
DC72960	GM Self-adjusting OEM Door Switch



GM/Ford Van Switch

- $\frac{1}{2}$ " grounding self-adjusting switch.
- Will work on GM van doors. Use in Ford cars as a ground switch going directly to alarm or, if (+) dome light activation is needed, use this switch with a relay.

Part No.	Description
DC72962	GM/Ford Van Switch

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Push-Pull Switch

- Extra heavy-duty, 2 position push-pull switch.
- Mounting stem $\frac{5}{8}$ " long, $\frac{1}{2}$ " diameter.
- Chrome-plated metal knob.
- Rated at 75A/6-28V DC.

Part No.	Poles	Circuit Arrangement		
		A	B	C
34-306	S.P.S.T.	ON	—	OFF



Push-Pull Switch

- Heavy-duty, 2 position push-pull switch.
- Made of brass and chrome.
- Mounting stem: $1\frac{1}{4}$ " long, $\frac{3}{8}$ " diameter.
- Overall length: $3\frac{1}{8}$ ", width $\frac{7}{8}$ ".
- Accommodates 1" panel with stainless steel springs.
- Rated at 25A/6V DC, 15A/12V DC.

Part No.	Poles	Circuit Arrangement		
		A	B	C
33-400	S.P.S.T.	ON	—	OFF



Master Disconnecting Switch for Batteries

- Lever operated - 6-36 volt, 180 amps.
- Continuous capacity 1,000 amps in rush S.P.S.T. (On-Off), two stud terminals.
- For battery circuit only.
- Does not disconnect alternator or generator field circuit.
- Conforms to requirements of UL #558.
- Mounting stem $\frac{3}{4}$ " diameter, $\frac{25}{32}$ " long with two hex nuts and lock washer.



NOTE: On vehicles equipped with an alternator, the engine must be shut-off to avoid potential damage to alternator diode. Instructions sheets are included.

Part No.	Description
51-302	Master Disconnect Switch

Battery Master Switch

- Waterproof, single battery master switch.
- Key is detachable, therefore, the switch also serves as an anti-theft device.



NOTE:
 Maximum load (10 seconds): 12 volts, 1000 amps; 24 volts, 500 amps.
 Maximum continuous rating: 12 volts, 50 amps; 24 volts, 25 amps.

Part No.	Description
MP8373SW	Battery Master Switch

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Pigtail-LED

- 6" wire leads with push-in grommet.
- Rated to 12V DC with a 5/16" mounting hole.

Part No.	Description
DC73581	Red, Non-flashing
DC73582	Amber, Non-flashing
DC73583	Green, Non-flashing
DC73584	Blue, Non-flashing



Indicator Lamps

- Indicator lamps with wire leads for easy installation.
- Mounts into 1/2" hole at 12V DC.
- Rated to 3 amps.

Part No.	Poles	Color
DC73415	S.P.S.T.	Red
DC73425	S.P.S.T.	Green
DC73435	S.P.S.T.	Amber
DC73445	S.P.S.T.	Blue

