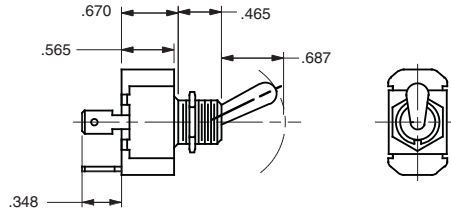




## F-Series: Carling Technologies® Toggle Switches

These standard toggle switches are ideal for marine, industrial controls, generators, food service, office automation and other voltage DC rated applications. They feature a slow make and slow break contact mechanism. Switch is manufactured from brass/nickel plate with a phenolic base. The mechanical life of the F-Series is 100,000 cycles, electrical life of 50,000 cycles and a 25,000 cycle maintained, momentary. The dielectric strength meets UL/CSA 1000V, live to dead metal parts. Insulation resistance is 100 megaohms. Temperature rating of -17.8°C to 65.6°C ( 0°F to 150°F). **Recommended mounting hole: .500"**.



### single pole heavy-duty toggle switches

See above for dimensions



poles	circuit			.250" Flat		ratings
	A	B	C	OEM	OEM	
S.P.S.T.	ON	-	OFF	<b>20073020</b>	—	12A @ 250V AC, 20A @ 125V AC, 1HP 120-240V AC
S.P.S.T.	ON	-	OFF	—	<b>20073185*</b>	
S.P.S.T.	ON	-	OFF	—	<b>273274DL**</b>	
S.P.S.T.	ON	-	(OFF)	—	<b>27200029*</b>	10A @ 250V AC, 15A @ 125V AC, 3/4HP 120-240V AC
S.P.S.T.	(ON)	-	OFF	<b>27200080</b>	—	
S.P.S.T.	(ON)	-	OFF	—	<b>27200018</b>	
S.P.D.T.	ON		ON	<b>27200033</b>	—	10A @ 250V AC, 20A @ 125V AC, 3/4HP 125-250V AC
S.P.D.T.	ON		ON	—	<b>27200035</b>	
S.P.D.T.	ON		(ON)	—	<b>27200037</b>	10A @ 250V AC, 15A @ 125V AC, 3/4HP 120-240V AC
S.P.D.T.	ON	OFF	ON	<b>20073022</b>	—	10A @ 250V AC, 15A @ 125V AC, 3/4HP 250V AC
S.P.D.T.	ON	OFF	ON	<b>27200105</b>	—	
S.P.D.T.	ON	OFF	ON	—	<b>20073115</b>	10A @ 250V AC, 20A @ 125V AC, 3/4HP 125-250V AC
S.P.D.T.	ON	OFF	(ON)	<b>27200082</b>	—	
S.P.D.T.	ON	OFF	(ON)	—	<b>27200049</b>	10A @ 250V AC, 15A @ 125V AC, 3/4HP 120-240V AC
S.P.D.T.	(ON)	OFF	(ON)	<b>27200045</b>	—	
S.P.D.T.	(ON)	OFF	(ON)	—	<b>20073247</b>	

\*Faceplace included.  
\*\*Sealed Switch



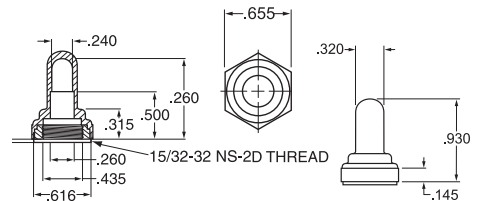
73100DL



73101

### Full Toggle Boots

These tough rubber silicone covers are UV-resistant and protect switches from moisture, dust and dirt. The built-in hex nut base screws onto most toggle switches. Boots are rated for -40°C to 180°C (-40°F to 356°F).

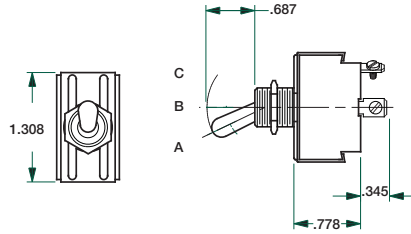


part no.	description	color
<b>73100DL</b>	full toggle boot	black
<b>73101</b>	full toggle boot	clear



These standard toggle switches are ideal for marine, industrial controls, generators, food service, office automation and other voltage DC rated applications. They feature a slow make and slow break contact mechanism. The switch is manufactured from brass/nickel plate with a phenolic base. The mechanical life of the G-Series is 100,000 cycles, electrical life of 50,000 cycles and a 25,000 cycle maintained, momentary. The dielectric strength meets UL/CSA 1000V, live to dead metal parts and opposite polarity. Insulation resistance is 100 megohms. Temperature rating of 0°C to 85°C (32°F to 185°F).

**Recommended mounting hole: .500"**



**double pole heavy-duty toggle switches**

See above for dimensions

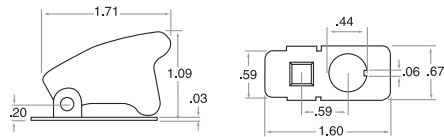


poles	circuit			.250" Flat	screw	ratings
	A	B	C	OEM	OEM	
D.P.S.T.	ON	-	OFF	<b>27300012</b>		20A @ 125-277V AC
D.P.S.T.	ON	-	OFF		<b>20073120</b>	
D.P.S.T.	(ON)	-	OFF	<b>27300015</b>		10A @ 250V AC, 15A @ 125V AC, ¼HP 250V AC
D.P.S.T.	(ON)	-	OFF		<b>27300020</b>	
D.P.D.T.	ON	-	ON	<b>27300027</b>		20A @ 120-277V AC
D.P.D.T.	ON	-	ON		<b>20073246</b>	
D.P.D.T.	ON	-	(ON)		<b>27300033</b>	15A @ 125V AC, 10A @ 250V AC, ¼HP 250V AC
D.P.D.T.	ON	OFF	ON	<b>27300045</b>		
D.P.D.T.	ON	OFF	ON		<b>20073025</b>	20A 120-277V AC
D.P.D.T.	ON	OFF	(ON)	<b>27300103</b>		
D.P.D.T.	ON	OFF	(ON)		<b>27300063</b>	10A @ 250V AC, 15A @ 125V AC, ¼HP 125-250V AC
D.P.D.T.	(ON)	OFF	(ON)	<b>27300050</b>		
D.P.D.T.	(ON)	OFF	(ON)		<b>20073155</b>	10A @ 250V AC, 15A @ 125V AC, ¼HP 250V AC



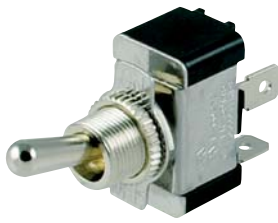
**Toggle Safety Cover**

The rugged spring-loaded design of this safety cover provides protection against accidental actuation of a toggle switch. Perfect for a variety of industry applications, from racing to agriculture. Materials: Base faceplate is black steel; cover is colored urea plastic. Mounting hole accepts all standard on-off toggles with 1/2" mounting stems.

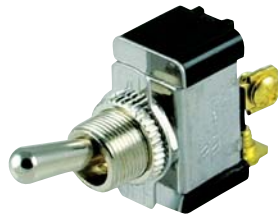


part no.	description	color
<b>73200</b>	toggle safety cover	red
<b>73202</b>	toggle safety cover	brite red
<b>73203</b>	toggle safety cover	black
<b>73500</b>	toggle safety cover	chrome red
<b>73501</b>	toggle safety cover	chrome blue

## Single Pole Heavy-duty Toggle Switches



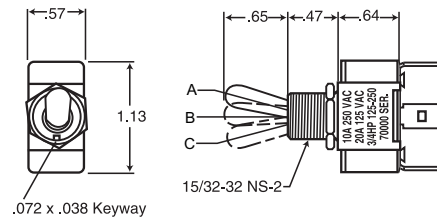
Standard, heavy-duty switches are ideal for industrial controls, marine panels, trucks, buses and automotive applications. The "O" ring toggle switches feature a neoprene gasket at the base of the actuator to prevent dust and moisture from interrupting the actuation and protecting against harsh environments. The frame and supports are manufactured from a zinc chromate plated steel with a black phenolic plastic case (flammability rating: UL 94 flame class 94V-1). Terminals are made from brass material with all other exterior parts being brass/bright nickel. **Recommended mounting hole: .500" diameter.**



**Hardware included**  
Knurl nut, hex nut, On-Off faceplate (faceplate not included on double pole switches)

**OEM**  
back-up nut assembled only, other hardware poly bagged

**Assembled**  
all hardware assembled on switch



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

### single pole heavy-duty toggle switches

See above for dimensions										
				.250" Flat		screw		reg. solder		
poles	A	B	C	OEM	assembled	OEM	assembled	OEM	assembled	ratings
S.P.S.T.	ON	—	OFF	7200012*	73020	7200017	73185	7200020	7200019*	10A @ 277V AC 20A @ 125V AC 21A @ 14V DC 3/4 HP 125-250V AC
S.P.S.T.	(ON)	—	OFF	—	7200080	—	7200018	—	—	
S.P.S.T.	ON	—	(OFF)	—	—	—	7200029	—	—	
S.P.D.T.	ON	—	ON	—	7200033*	—	7200035*	7200039	—	
S.P.D.T.	ON	—	(ON)	—	—	—	7200037*	—	—	
S.P.D.T.	ON	OFF	ON	7200044*	73022*	—	73115*	7200052*	—	
S.P.D.T.	ON	OFF	(ON)	—	7200082	—	7200049*	—	—	
S.P.D.T.	(ON)	OFF	(ON)	7200047*	7200045*	—	73247*	7200054*	—	

( ) Indicates momentary action  
\* Does not include faceplate

### single pole heavy-duty "o" ring toggle switches

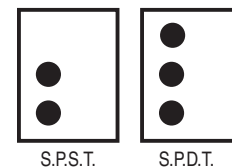
See above for dimensions										
				.250" Flat		screw		reg. solder		
poles	A	B	C	OEM	assembled	OEM	assembled	OEM	assembled	ratings
S.P.S.T.	ON	—	OFF	7200004	7200102	—	73274DL	—	—	10A @ 277V AC 20A @ 125V AC 21A @ 14V DC 3/4 HP 125-250V AC
S.P.S.T.	(ON)	—	OFF	—	7200101	—	7200100	—	—	
S.P.D.T.	ON	—	ON	—	—	—	7200103*	—	—	
S.P.D.T.	ON	OFF	ON	—	7200105*	—	7200104*	—	—	
S.P.D.T.	(ON)	OFF	(ON)	7200084*	7200107*	—	7200106*	—	—	

( ) Indicates momentary action  
\* Does not include faceplate

## INFORMATION

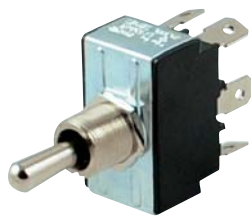
### SWITCH TYPES:

**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.



## Double Pole Heavy-duty Toggle Switches

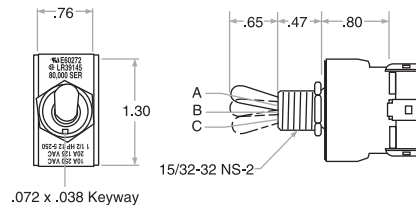
Standard, heavy-duty switches are ideal for industrial controls, marine panels, trucks, buses and automotive applications. The "O" ring toggle switches feature a neoprene gasket at the base of the actuator to prevent dust and moisture from interrupting the actuation and protecting against harsh environments. The frame and supports are manufactured from a zinc chromate plated steel, with a black phenolic plastic case (flammability rating: UL 94 flame class 94V-1). Terminals are made from brass material with all other exterior parts being brass/bright nickel. **Recommended mounting hole: .500" diameter.**



**Hardware included**  
Knurl nut, hex nut, On-Off faceplate (faceplate not included on double pole switches)

**OEM**  
Back-up nut assembled only, other hardware poly bagged

**Assembled**  
All hardware assembled on switch



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

### double pole heavy-duty toggle switches

See above for dimensions

poles	circuit			.250" Flat		screw		reg. solder		ratings
	A	B	C	OEM	assembled	OEM	assembled	OEM	assembled	
D.P.S.T.	ON	—	OFF	7300013	7300012	7300018	73120	—	7300022	10A @ 277V AC 20A @ 125V AC 21A @ 14V DC 1½ HP 125–250V AC
D.P.S.T. (ON)	—	OFF	—	7300015	—	—	7300020	—	—	
D.P.D.T.	ON	—	ON	7300028*	7300027*	—	73246*	7300037*	—	
D.P.D.T.	ON	—	(ON)	7300029*	—	—	7300033*	—	—	
D.P.D.T.	ON	OFF	ON	7300047*	7300045*	—	73025*	7300068*	—	
D.P.D.T.	ON	OFF	(ON)	—	7300103*	—	7300063*	—	—	
D.P.D.T. (ON)	OFF	(ON)	—	7300051*	7300050*	—	73155*	—	—	

( ) Indicates momentary action  
\* Does not include faceplate

### double pole heavy-duty "o" ring toggle switches

See above for dimensions

poles	circuit			.250" Flat		screw		reg. solder		ratings
	A	B	C	OEM	assembled	OEM	assembled	OEM	assembled	
D.P.S.T.	ON	—	OFF	—	7300126	—	7300125	—	—	10A @ 277V AC 20A @ 125V AC 21A @ 14V DC 1½ HP 125–250V AC
D.P.D.T.	ON	—	ON	—	7300128*	—	—	—	—	
D.P.D.T.	ON	OFF	ON	—	7300131*	—	7300129*	—	—	
D.P.D.T. (ON)	OFF	(ON)	—	—	7300135*	—	7300133*	—	—	

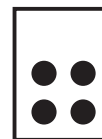
( ) Indicates momentary action  
\* Does not include faceplate

## INFORMATION

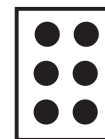
### SWITCH TYPES:

**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.



D.P.S.T.



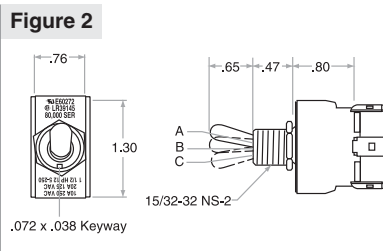
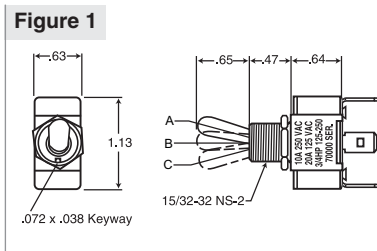
D.P.D.T.



**Specialty Circuit, Heavy-duty Toggle Switches**



Choose from a complete line of heavy-duty, motor-rated, reversing and progressive toggle switches. Typical applications include: tailgate, lift platform, motor controls and general industrial automation applications. The frame and supports are manufactured from zinc chromate plated steel, with a black phenolic plastic case (flammability rating: UL 94 flame class 94V-1). Terminals are made from brass material with all other exterior parts being brass/bright nickel. Available in a complete line of actuation and termination styles. **Recommended mounting hole: .500" diameter.**



**Hardware included**  
Knurl nut, hex nut, 7200001 & 7200002 comes with hex nut, knurl nut and On-Off faceplate

**OEM**  
Back-up nut assembled only, other hardware poly bagged

**Assembled**  
All hardware assembled on switch

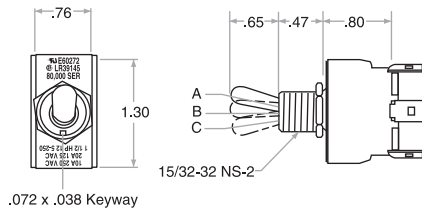
**Note:** All toggles must be installed with a hex nut (provided) behind panel to prevent damage during installation.

**motor-rated heavy-duty toggle switches**

Refer to **Figure 1 & 2** above for dimensions

poles	circuit			.250" Flat		screw		figure	ratings
	A	B	C	OEM	assembled	OEM	assembled		
S.P.S.T.	ON	—	OFF	7200002	—	7200001	—	1	10A 250V AC 20A 125V AC 3/4 HP 125–250V AC
D.P.S.T.	ON	—	OFF	7300001*	—	7300021*	—	2	20A @ 277V AC 1-1/2 HP @ 125–250V AC
D.P.D.T.	ON	—	ON	7300002*	—	—	—	2	

\* Does not include faceplate



**Hardware included**  
Knurl nut, hex nut

**OEM**  
Back-up nut assembled only, other hardware poly bagged

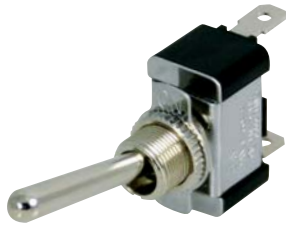
**Assembled**  
All hardware assembled on switch

**reversing and progressive toggle switches**

See above for dimensions

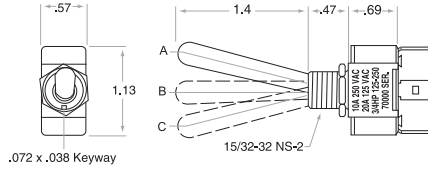
poles	style	circuit			part no.	termination		no. of terminals	ratings
		A	B	C		OEM	assembled		
S.P.3.T	progressive	ON	ON	ON	7300048	—	.250 flat	5	10A @ 277V AC 20A @ 125V AC 1-1/2 HP @ 125–250V AC
D.P.D.T.	reversing	ON	OFF	ON	7300054	.250 flat	—	6	
D.P.D.T.	reversing	(ON)	OFF	(ON)	7300055	—	.250 flat	4	
D.P.D.T.	reversing	ON	—	ON	7300038	—	screw	6	
D.P.D.T.	reversing	(ON)	OFF	(ON)	7300057	—	.250 flat	4	21A @ 14V DC
D.P.D.T.	reversing	(ON)	OFF	(ON)	7300067	—	screw	4	

( ) indicates momentary action



**Specialty Toggle Bat Hand Switches**

These standard, heavy-duty switches feature an extended bat handle. They are ideal for industrial controls, marine panels, trucks, buses and automotive applications. The frame and support are manufactured from a zinc chromate plated steel, with a black phenolic plastic case (flammability rating: UL 94 flame class 94V-1). Terminals are made from a brass material with all other exterior parts being brass/bright nickel. **Recommended mounting hole: .500" diameter.**



**Hardware included**  
Knurl nut, hex nut, On-Off faceplate

**OEM**  
Back-up nut assembled only, other hardware poly bagged

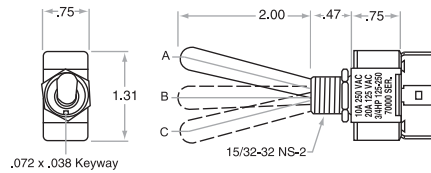
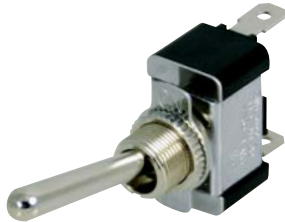
**Assembled**  
All hardware assembled on switch

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

**double pole heavy-duty toggle switch**

See above for dimensions

poles	circuit			.250" Flat		screw		reg. solder		ratings
	A	B	C	OEM	assembled	OEM	assembled	OEM	assembled	
S.P.S.T.	ON	—	OFF	—	—	—	<b>7200032</b>	—	—	10A @ 277V AC 20A @ 125V AC 3/4 HP 125–250V AC



**Hardware included**  
Knurl nut, hex nut

**OEM**  
Back-up nut assembled only, other hardware poly bagged

**Assembled**  
All hardware assembled on switch

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

**double pole heavy-duty toggle switch**

See above for dimensions

poles	circuit			.250" Flat		screw		reg. solder		ratings
	A	B	C	OEM	assembled	OEM	assembled	OEM	assembled	
D.P.D.T.	(ON)	OFF	(ON)	—	<b>7900081</b>	—	—	—	—	10A @ 277V AC 20A @ 125V AC 1½ HP 125–250V AC

( ) Indicates momentary action



### Sealed Toggle Switches

These toggle switches are completely sealed in epoxy and feature double O-rings for a waterproof and dustproof switch that can be mounted anywhere on a vehicle. The bushing, handle and hardware are constructed of nickel-plated brass and silver contacts ensure long life. The standard 1<sup>5</sup>/<sub>32</sub>" bushing enables easy mounting through a standard diameter hole in a panel. Operating temperature: -40°C to 85°C (-20°F to 185°F). Switch: 1.24" deep x 0.87" wide x 1.46" high. Wires: 14 AWG, 12" Long. Handle Actuation Force: 32-38 oz (8.9-10.5N). Double O-ring seal in bushing, epoxy seal at back. Ingress Rating: IP68.

poles	circuit			wire leads	part no.	rating
	A	B	C			
S.P.S.T.	ON	NONE	OFF	2	<b>73330</b>	25A @ 12V DC / 15A @ 24V DC
S.P.S.T.	(ON)	NONE	OFF	2	<b>73331</b>	
S.P.D.T.	ON	OFF	ON	3	<b>73332</b>	
S.P.D.T.	ON	NONE	ON	3	<b>73333</b>	
S.P.D.T.	(ON)	OFF	(ON)	3	<b>73334</b>	

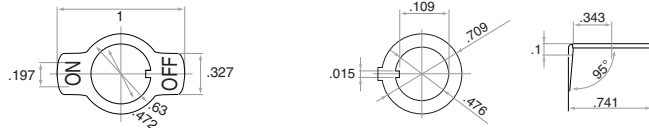
### On-Off Faceplate & Locating Ring

This ON-OFF faceplate is a replacement for standard on-off switches. The keyway nub locks and orientates faceplate in the proper position. The locating ring is used as an orientation point for the key slot on a toggle switch. Designed for 1<sup>5</sup>/<sub>32</sub>" bushing.



faceplate

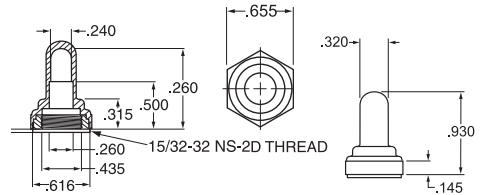
locating ring



part no.	description
<b>7900014</b>	ON-OFF faceplate
<b>7900016</b>	locating ring

### Full Toggle Boots

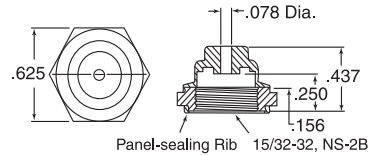
These tough rubber silicone covers are UV-resistant and protect switches from moisture, dust and dirt. The built-in hex nut base screws onto most toggle switches. Rated for -40°C to 180°C (-40°F to 356°F).



part no.	description	color
<b>73100DL</b>	full toggle boot	black
<b>73101</b>	full toggle boot	clear

### Half Toggle Boot

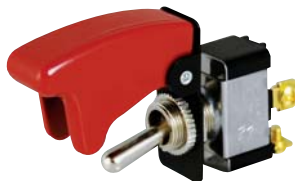
This tough rubber silicone cover is UV-resistant and provides protection from moisture, dust and dirt. The half boot opening slips tightly over most standard toggle handles and is secured by a hex nut molded into the base. Rated for -40°C to 180°C (-40°F to 356°F).



part no.	description
<b>7900003</b>	half toggle boot

### Toggle Switch & Red Safety Cover Kit

This kit includes one each of the standard On-Off toggle switch (part number 73185 – see page 90 for ratings) and toggle safety cover (part number 73200). The toggle safety cover is red urea plastic with a black steel faceplate. The kit arrives unassembled and polybagged. **For a complete listing of kit contents, see page 383**

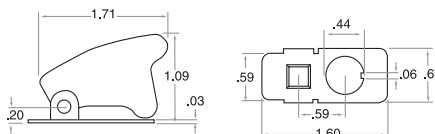


part no.	description
<b>73210</b>	toggle switch & red safety cover kit



### Toggle Safety Cover

The rugged spring-loaded design of this safety cover provides protection against accidental actuation of a toggle switch. Perfect for a variety of industry applications, from racing to agriculture. Materials: Base faceplate is black steel; cover is colored urea plastic. Mounting hole accepts all standard on-off toggles with 1/8" mounting stems.



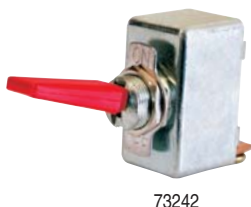
part no.	description	color
73200	toggle safety cover	red
73202	toggle safety cover	brite red
73203	toggle safety cover	black
73500	toggle safety cover	chrome red
73501	toggle safety cover	chrome blue

### 3-Way Toggle Safety Panel



Protect your toggle switches from accidental actuation. The chrome bars provide an aesthetically pleasing look and allow for up to 3 switches with up to 1" bat handles to be mounted. Each slot features a keyway notch for easy and proper installation. Flush mounting is made easy with two #4 screw holes. **Dimensions: 4 1/16" L x 2" H x 2" D.**

part no.	description	color
7400300	3-way toggle panel	black/chrome



73242




73240

### Hi-Amp Toggle Switches

Ideal for low-voltage, hi-amp applications. Choose from three different toggle handle colors and wire connection styles. The housing is die cast, with silver plated contacts and heavy copper terminals. The switches are designed for long life with a 50,000 electrical life cycle and 100,000 mechanical life cycle. **Recommended mounting hole: .500" diameter.**

#### single pole hi-amp toggle switches


poles	circuit			termination	handle color	ratings
	A	B	C	screw		
S.P.S.T.	ON	—	OFF	 73240DL	black	50A @ 12V DC
S.P.S.T.	ON	—	OFF	73242DL	red	
S.P.S.T.	ON	—	OFF	73245	chrome	



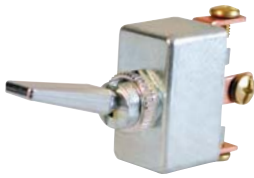
### Hi-Amp Toggle Switch with Interchangeable Boot

Ideal for low-voltage, hi-amp applications. This switch includes 4 different colors (black, blue, red and yellow) of interchangeable boots. The housing is die cast, with silver plated contacts and heavy copper terminals. This switch is designed for long life with a 50,000 electrical life cycle and 100,000 mechanical life cycle. **Recommended mounting hole: .500" diameter.**

#### single pole hi-amp toggle switch

poles	circuit			termination		handle color	ratings
	A	B	C	.250" flat	screw		
S.P.S.T.	ON	—	OFF	—	 73244	chrome	50A @ 12V DC





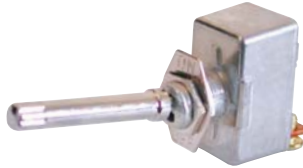
### Hi-Amp Toggle Switch with Chrome Wedge Handle

Ideal for low-voltage, hi-amp applications. The housing is die cast, with silver plated contacts and heavy copper terminals. This switch is designed for long life with a 50,000 electrical life cycle and 100,000 mechanical life cycle.

**Recommended mounting hole: .500" diameter.**

#### single pole hi-amp toggle switch

poles	circuit			termination		handle color	ratings
	A	B	C	.250" flat	screw		
S.P.D.T.	ON	OFF	ON	—	73265	chrome	50A @ 12V DC



### Hi-Amp Toggle Switch with Extended Handle

Ideal for low-voltage, hi-amp applications. Features a 1 5/8" bat handle for easy actuation. The housing is die cast, with silver plated contacts and heavy copper terminals. It's designed for long life with a 50,000 electrical life cycle and 100,000 mechanical life cycle.

**Recommended mounting hole: .500" diameter.**

#### single pole hi-amp toggle switch

poles	circuit			termination		handle color	ratings
	A	B	C	.250" flat	screw		
S.P.S.T.	ON	—	OFF	—	73260	chrome	50A @ 12V DC



### Brass Toggle Switch

Ideal for marine applications, the housing is manufactured from all brass material, with copper rivets for optimum conductivity. Furnished with nickel-plated face plate and brass back-up nut. Mounting stem dimensions: 3/8"L x 7/16"D, 1/4" x 28 threading.

**Recommended mounting hole: .438" diameter.**

#### single pole toggle switch

poles	circuit			termination		handle color	ratings
	A	B	C	.250" flat	screw		
S.P.S.T.	ON	—	OFF	—	73275DL	chrome	35A @ 6V DC 20A @ 12V DC

## Related Products



**Adhesive-Lined Shrink Tube Terminals**  
page 88



**Primary Wire**  
page 23

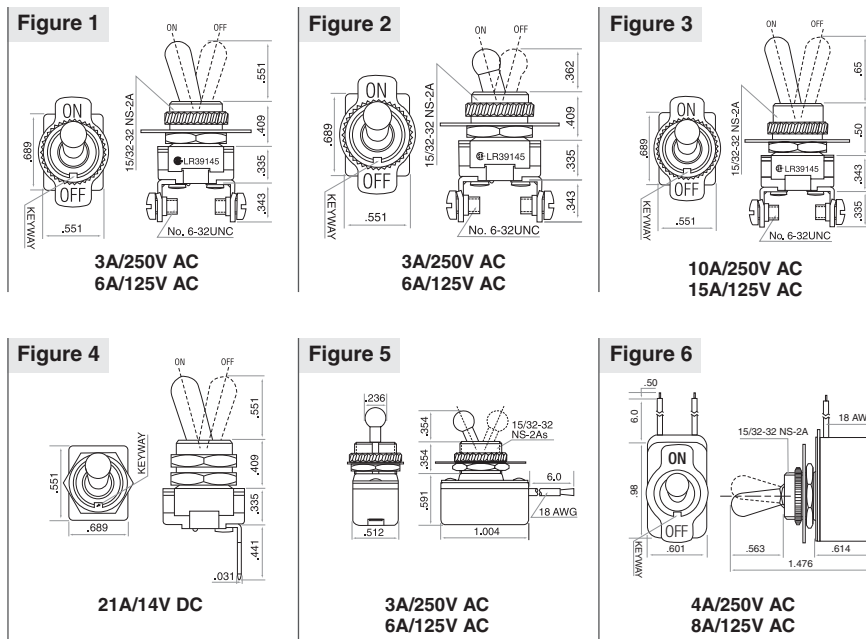


**Type 1 – 12V DC Automatic Reset Circuit Breaker**  
page 165






These medium-duty toggles are durable and compactly designed for applications where space may be a constraint. Ideal for small appliances, floor maintenance and control units. The frame and support are manufactured from zinc chromate, plated steel, with a black, phenolic plastic case (flammability rating: UL 94 flame class 94V-1). Terminals are made from brass with all other exterior parts being brass/bright nickel.

**Recommended mounting hole: .500" diameter.**



**single pole medium-duty toggle switches**

Refer to drawings above for dimensions

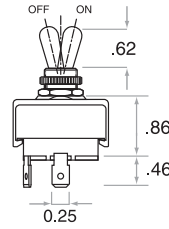
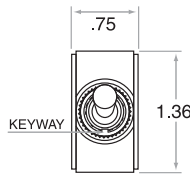
poles	circuit						figure	ratings
	A	B	C	.250" Flat assembled	screw assembled	leaded assembled		
S.P.S.T.	ON	—	OFF	—	<b>73030</b>	—	1	3A @ 240V AC, 6A @ 120V AC
S.P.S.T.	ON	—	OFF	—	—	<b>73105</b>	6	4A @ 250V AC, 8A @ 125V AC
S.P.S.T.	ON	—	OFF	—	<b>73190</b>	—	3	10A @ 240V AC, 15A @ 120V AC
S.P.S.T.	ON	—	GRD	<b>7900009</b>	—	—	4	21A @ 14V DC
S.P.S.T.	ON	—	OFF	—	—	<b>7900010*</b>	5	3A @ 250V AC, 6A @ 125V AC
S.P.S.T.	ON	—	OFF	—	<b>7900007*</b>	—	2	3A @ 250V AC, 6A @ 125V AC

\* ball toggle



### Double Insulated, Plastic Toggle Switches

Choose from both standard and wedge handle versions of this versatile toggle switch. Both include an internal "O" ring for resistance to moisture and other foreign debris. The double insulation makes this switch ideal for marine panels, automotive, recreation, equipment, industrial controls, trucks, buses and other weather-resistant applications. Frame and toggle handle are manufactured from a black, phenolic plastic (flammability rating: UL 94 flame class 94V-1). Terminals are a brass material with all other exterior parts made of brass/bright nickel. **Recommended mounting hole: .500" diameter.**



**Hardware included**  
Black knurl nut, hex nut

**OEM**  
Back-up nut assembled only, other hardware poly bagged

**Assembled**  
All hardware assembled on switch

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

#### non-illuminated single pole double insulated toggles

See above for dimensions

poles	circuit			bat handle	wedge handle	ratings
	A	B	C	assembled	assembled	
S.P.S.T.	ON	—	OFF	7000012	73305	10A @ 277V AC 20A @ 125V AC 21A @ 14V DC
S.P.D.T.	ON	—	ON	7000018	—	
S.P.D.T.	ON	—	(ON)	7000019	—	
S.P.D.T.	ON	OFF	ON	7000024	7000022	
S.P.D.T.	(ON)	OFF	(ON)	7000026	7000023	
D.P.S.T.	ON	—	OFF	7000030	—	
D.P.D.T.	ON	—	ON	—	7000054	
D.P.D.T.	ON	OFF	ON	7000042	73150	
D.P.D.T.	(ON)	OFF	(ON)	7000044*	73160	

( ) Indicates momentary action



### 6-way Toggle Switch Panel

This IP 56 rated switch panel provides a spray-proof and aesthetically pleasing way to control up to 6 different mechanisms. The included toggle boots provide protection of the S.P.S.T., ON-OFF switch from harsh environments. Each switch is pre-wired with ATC®/ATO® fuse and fuse holder. **Switch panel dimensions: 3.75"H x 4.25"W x 2.90"D.**

#### non-illuminated single pole toggle switch panel

poles	circuit			description	ratings
	A	B	C		
S.P.S.T.	ON	—	OFF	7200400	6 x 15A @ 12V DC

## Light-duty Toggle Switches

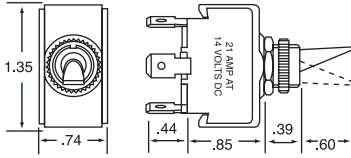
These light-duty toggle switches are ideal for almost any application. An internal "O" ring helps seal out dust, moisture and other foreign debris. Available in both dependant and independent illumination. **Recommended mounting hole: .500" diameter.**



7900065



7000007



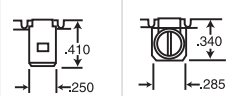
**Hardware included**  
Black knurl nut, black hex nut

**Assembled**  
All hardware assembled on switch

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

### illuminated single pole light-duty toggle switches

See above for dimensions



poles	circuit			illumination	ratings		
	A	B	C				
S.P.S.T.	ON	—	OFF	<b>7900065</b>	—	red/dep, white/indep	21A @ 14V DC
S.P.S.T.	ON	—	OFF	—	<b>7000007</b>	red/dep, white/indep	
S.P.S.T.	ON	—	OFF	<b>7200025</b>	—	red/dep	

### INFORMATION

**Illumination:**  
Independent vs. dependant

**Dependant** – Switch will illuminate when actuated to ON position.

**Independent** – Switch will illuminate as long as power is supplied to the switch

## LED Illuminated Toggle Switches with Chrome Handle

Choose from either standard or extended bat handle ( $1\frac{1}{32}$ "). Both incorporate a chrome handle and LED light with a 100,000 hour life. Wiring is made simple with labeled .250" terminals. Housing is manufactured from a polycarbonate material.

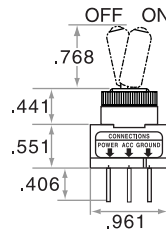
**Recommended mounting hole: .500" diameter.**



71015



71510

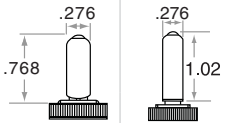


**Hardware included**  
Black hex nut

**Assembled**  
All hardware assembled on switch

### LED illuminated single pole light-duty toggle switches

See above for dimensions



poles	circuit			illumination	ratings		
	A	B	C				
S.P.S.T.	ON	—	OFF	<b>71000</b>	<b>71500</b>	red	20A @ 12V DC
S.P.S.T.	ON	—	OFF	<b>71005</b>	<b>71505</b>	amber	
S.P.S.T.	ON	—	OFF	<b>71010</b>	<b>71510</b>	blue	
S.P.S.T.	ON	—	OFF	<b>71015</b>	<b>71515</b>	green	



### LED Illuminated Toggle Switches with Wedge Handle

Perfect for automotive use. The square tip illuminated LED provides vibrant illumination. Minimum draw requirement for the LED is 20mA at 12V DC. Wire hook-up is made easy by utilizing a standard .250" terminal. Includes knurl nut.

**Recommended mounting hole: .500" diameter.**

#### LED illuminated single pole toggle switches

poles	circuit			termination	illumination	ratings
	A	B	C	.250 flat		
S.P.S.T.	ON	—	OFF	<b>73050</b>	red	30A @ 12V DC
S.P.S.T.	ON	—	OFF	<b>73055</b>	green	
S.P.S.T.	ON	—	OFF	<b>73060</b>	blue	
S.P.S.T.	ON	—	OFF	<b>73065</b>	white	



### LED Toggle Switch with Full Tip Illumination

Perfect for automotive use. The full tip illumination of the LED provides vibrant illumination when actuated. Minimum draw requirement for the LED is 20mA at 12V DC. Housing is manufactured from a polycarbonate material with brass terminals. Wire hook-up is made easy by utilizing a standard .250" terminal. The length of the toggle is .966". Includes knurl nut.

**Recommended mounting hole: .500" diameter.**

#### LED illuminated single pole toggle switch

poles	circuit			termination	illumination	ratings
	A	B	C	.250 flat		
S.P.S.T.	ON	—	OFF	<b>73180</b>	red	20A @ 12V DC



76005

### LED Toggle Switches with Full Handle Illumination

The translucent colored handle gently glows from a 100,000 hour LED when actuated. The 1" handle allows for easy viewing and actuation. Housing is manufactured from a polycarbonate material with brass terminals. Wire hook-up is made easy by utilizing a standard .250" terminal. Includes knurl nut.

**Recommended mounting hole: .500" diameter.**

#### LED illuminated single pole toggle switches

poles	circuit			termination	illumination	ratings
	A	B	C	.250 flat		
S.P.S.T.	ON	—	OFF	<b>76000</b>	red	20A @ 12V DC



7600500

### LED Illuminated Paddle Switches

Unique design allows for a greater surface area of the actuator to be used. The square tip LED provides a vibrant illumination when actuated. Housing is manufactured from black nylon and easily snaps into place.

**Recommended mounting hole: .866" diameter.**

#### LED illuminated single pole paddle switches

poles	circuit			termination	number of terminals	illumination	ratings
	A	B	C	.250" flat			
S.P.S.T.	ON	—	OFF	<b>7600500*</b>	4	red	20A @ 12V DC
S.P.S.T.	ON	—	OFF	<b>7600505*</b>	4	green	



\* contains two additional solder terminals



73205



73145

### Illuminated Toggle Switches with Extended Duckbill Handle

The translucent colored wedge handle gently glows from an incandescent bulb when actuated. The .687" handle allows for easy viewing and actuation. Housing is manufactured from a polycarbonate material with brass terminals. Wire hook-up is made easy by utilizing a standard .250" terminal. Includes knurl nut. **Recommended mounting hole: .500" diameter.**

#### illuminated single pole toggle switches

poles	circuit			termination	illumination	ratings
	A	B	C	.250 flat		
S.P.S.T.	ON	—	OFF		red	20A @ 12V DC
S.P.S.T.	ON	—	OFF	<b>73205</b>	green	
S.P.S.T.	ON	—	OFF	<b>73225</b>	amber	
S.P.S.T.	ON	—	OFF	<b>73235</b>	blue	
S.P.S.T.	ON	—	OFF	<b>73145*</b>	black	

\* Non-illuminated



76900

### LED Illuminated Duckbill Toggle Switches

The translucent colored handle gently glows from a 100,000 hour LED when actuated. The .625" handle allows for easy viewing and actuation. Housing is manufactured from a polycarbonate material with brass terminals. Wire hook-up is made easy by utilizing a standard .250" terminal. Includes knurl nut. **Recommended mounting hole: .500" diameter.**

#### LED illuminated single pole toggle switches

poles	circuit			termination	illumination	ratings
	A	B	C	.250 flat		
S.P.S.T.	ON	—	OFF		red	20A @ 12V DC



73176



73170DL



73172DL

### Illuminated Duckbill Toggle Switches

The translucent colored, duck-billed handle gently glows from an incandescent bulb when actuated. The .625" handle allows for easy viewing and actuation. Housing is manufactured from a polycarbonate material with brass terminals. Wire hook-up is made easy by utilizing a standard .250" terminal. Includes knurl nut. **Recommended mounting hole: .500" diameter.**

#### illuminated single pole toggle switches

poles	circuit			termination	illumination	ratings
	A	B	C	.250 flat		
S.P.S.T.	ON	—	OFF		red	20A @ 12V DC
S.P.S.T.	ON	—	OFF	<b>73176</b>	amber	
S.P.S.T.	ON	—	OFF	<b>73178</b>	blue	
S.P.S.T.	ON	—	OFF	<b>73179</b>	green	
S.P.S.T.	ON	—	OFF	<b>73170DL*</b>	black*	
S.P.S.T.	ON	—	OFF	<b>73172DL*</b>	chrome*	

\* Non-illuminated