

Section 23: Switches

Sub-Section	Page
Pushbutton608
Rocker614
Toggle621
Snap-Action633
Slide Switches635
Rotary Switches636
Security Switches637
Misc.638



Descriptive information herein supplied directly by individual manufacturers. Not responsible for opinion-oriented information or typographical errors. Not all products may be in stock or available to all EDGE members. Price is subject to change without notice. Restrictions may apply. We reserve the right to limit quantities to stock on hand.

Switches - Pushbutton



Pushbutton Switches

Single Pole, 3A 125VAC

Current rating is 3A 125VAC. Insulation resistance is 100 Megohms (min.) at 500VDC. Dielectric strength is 1000V RMS (min.). Temperature rating is +14°F to +131°F (-10°C to +55°C). Electrical life for is 10,000; 5,000 cycles (54-385 & 54-384 only) and mechanical life is 30,000 cycles. Terminal type is Solder Lug. Mounting hole is .700 (17.8) for 54-385 and .323 (8.2) for 54-382 & 54-384.



Part #	Circuitry	Action	Actuator
54-385	SPST	OFF (ON)	Molded ABS Resin
54-382	SPST	OFF - ON	Molded Polyacetal Resin
54-384	SPST	OFF (ON)	Molded Polyacetal Resin

Single Pole, 10A 250VAC, 15A 125VDC



Part #	Circuitry	Action	Actuator
54-134	SPST	OFF (ON)	Metal

Single Pole, 3A 125VAC, 1A 250VAC

Current rating is 3A 125VAC, 1A 250VAC. Insulation resistance is 100 Megohms (min.) at 500VDC. Dielectric strength is 1500V RMS (min.). Temperature rating is +14°F to +131°F (-10°C to +55°C). Electrical life is 50,000 cycles and mechanical life is 100,000 cycles. Terminal type is Solder Lug. Mounting hole is .402 (10.2).



Part #	Circuitry	Action	Actuator
54-388	SPST	OFF (ON)	ABS Resin
54-389	SPST	OFF (ON)	ABS Resin

Single Pole, 6A 125VAC, 3A 250VAC, AC/DC

Current rating is 6A 125VAC, 3A 250VAC, AC/DC. Insulation resistance is 100 Megohms (min.). Dielectric strength is 1000V RMS (min.). Temperature rating is +32°F to +185°F (0°C to +85°C). Electrical life is 100,000 cycles and mechanical life is 25,000 cycles. Mounting hole is .500 (12.7).



Part #	Circuitry	Action	Actuator
54-066	SPST	OFF (ON)	Brass/Nickel Plate

Single Pole, 3A 250VAC

Current rating is 3A 250VAC. Insulation resistance is 100 Megohms (min.). Dielectric strength is 1500V RMS (min.). Temperature rating is +14°F to +131°F (-10°C to +55°C). Electrical life is 10,000 cycles and mechanical life is 30,000 cycles. Terminal type is Solder Lug. Mounting hole is .480 (12.2).

Part #	Circuitry	Action	Actuator
54-392	SPST	OFF - ON	ABS Resin



Pushbutton Switches (cont.)

Anti-Vandal Pushbutton Switches

Contact ratings is 2 A at 48 VDC max. (resistive load). Contacts & terminals are silver plated brass. Initial contact resistance is 10 milliohms max. at 1 A, 2 V. Bushing and actuator are stainless steel. Insulation resistance is 100 megohms min. at 500 VDC. Case is PBT. Dielectric strength is 2000 V rms min. between terminals. Hex. Mounting Nut is nickel plated brass. Electrical life is 10,000 cycles min. at full load and mechanical life is 1,000,000 cycles min. Operating temperature range is -20°C to +55°C. Panel thickness is .039" (1mm) to .433" (11mm).



Part #	Circuitry	Action	Actuator	Terminal
54-377	SPST - NO	OFF - (ON)	Flat Stainless Steel	Solder / QC
54-378	SPST - NO	OFF - (ON)	Curved Stainless Steel	Screw
54-379	SPST - NO	OFF - (ON)	Curved Stainless Steel	Solder / QC



Standard Size Round Pushbutton Switches

Specifications: Current Rating: 3A-250V AC. Initial Contact Resistance: 10 Milliohms (max.) @ 2.5V DC 1A. Insulation Resistance: 10 Megohms (min.) @ 500V DC. Dielectric Strength: 1500V AC 1 minute. Contact Material: Silver-Silver plated. Terminal Material: Silver plated Copper Alloy. Electrical Life: 20,000 cycles. Terminal Type: Solder. Mounting Hole: 0.500". Hardware: Nut, Washer.



Part #	Action	Actuator
35-420	Normally Open Momentary Off (on)	Red Plastic
35-421	Normally Open Momentary Off (on)	Red Plastic
35-422	Push- On, Push-Off	White Plastic
35-423	Normally Open Momentary	White Plastic

Sub-Miniature Pushbutton Switches

Specifications: Current Rating: 1/2A-120V AC, 1/4A-250V AC. Initial Contact Resistance: 30 Milliohms (max.) @ 2-4V DC. Insulation Resistance: 10(9) Ohms. Dielectric Strength: 500V AC RMS. Contact Material: Coin Silver - Silver plate. Terminal Material: Copper Alloy - Silver plate. Temperature Rating: -30°C to +65°C. Electrical Life: 250,000 cycles. Terminal Type: Solder. Mounting Hole: 0.172". Hardware: Mounting Nut.



Part #	Type	Action	Actuator
35-400	SPST	Normally Open	Black Plastic

Specifications: Current Rating: 1/4A-120V AC or 28V DC. Initial Contact Resistance: 30 Milliohms (max.) @ 2-4V DC. Insulation Resistance: 10(9) Ohms. Dielectric Strength: 500V AC RMS. Contact Material: Coin Silver. Terminal Material: Coin Silver. Temperature Rating: -30°C to +65°C. Electrical Life: 250,000 cycles. Terminal Type: Solder. Mounting Hole: 0.172". Hardware: Mounting Nut.



Part #	Type	Action	Actuator
35-402	SPST	Normally Closed	Black Plastic

Switches - Pushbutton



Pushbutton Switches (cont.)

Utility AC Pushbutton Switches

Specifications: Current Rating: 15A-125V AC, 10A-250AC. Insulation Resistance: 100 Megohms (min.). Dielectric Strength: 1000V RMS (min.). Contact Material: Copper Alloy. Terminal Material: Brass. Terminal Type: Screw. Mounting Hole: 0.500". Hardware: Hex nut, Knurl nut, Binding head screws. Actuator is chrome metal.



Part #	Type	Action
35-3425	SPST	Push-On, Push-Off
35-3429	SPST N.O.	ON, (OFF)

Auto/Marine Insulated Push Button Starter and Horn Switch



Part #	Type	Action	Actuator
35-3484	SPST N.O.	OFF, (ON)	Black Chrome

Canopy Pushbutton Switch

Specifications: Current Rating: 6S-125V AC, 3A-250V AC. Insulation Resistance: 100 Megohms. Dielectric Strength: 100V. Contact Material: Copper. Terminal Material: Copper Alloy. Terminal Type: Wire Leads-18 AWG. Mounting hole: .0375". Hardware: Brass Knurled nut, Hex nut.



Part #	Type	Action	Actuator
35-3460	SPST	ON,OFF	Plastic

Heavy Duty AC/DC Pushbutton Switch

Specifications: Current Rating:15A-125V AC, 10A-250V AC. Insulation Resistance:100 Megohms 21A 14.5V DC. Dielectric Strength: 1000V RMS (min.). Contact Material: Copper Alloy. Terminal Material: Brass. Terminal Type: Screw. Mounting Hole: 0.500". Hardware: 2 nuts, screws. Note: DC rating not recognized by UL.



Part #	Type	Action
35-3490	SPDT	Push-On, Push-Off

Square Pushbutton Switches

Specifications: Current Rating: 4A-250V AC. Initial Contact Resistance: 20 Milliohms. Contact Material: Silver. Terminal Material: Silver. Electrical Life: 600,000 cycles. Temperature Rating: -25°C to +70°C without lamp; -25°C to +55°C with lamp. Terminal Type: Solder. Mounting Hole: 0.638".



Part #	Type	Action	Actuator
35-3414	SPDT	ON,ON	Square Lighted Pushbutton
35-3430	DPDT	ON,ON	Square Lighted Pushbutton



Pushbutton Switches (cont.)

Standard Size Metal Pushbutton Switches

Current Rating: 6A-125V AC/13A-250V AC. Initial Contact Resistance: 3-10 Milliohms. Insulation Resistance: 200 Megohms (min.). Dielectric Strength: 1200V AC. Contact Material: Silver Plated Copper Alloy. Terminal Alloy: Silver Plated Alloy. Terminal Type: Solder. Mounting Hole: 0.500". Hardware: Hex nut, Knurled nut. Acuator is metal plunger. Type is SPST.



Part #	Action
35-430	Normally Open, Momentary Off (On)
35-432	Normally Closed, Momentary On (Off)

Large Round Pushbutton Switches

Specifications: Current Rating: 16A-125/150V AC. Initial Contact Resistance: 5 Milliohms. Dielectric Strength is 1500V AC. Contact Material: Silver. Terminal Material: Brass-Silver Plated. Electrical Life: 10,000 cycles. Mechanical Life:750,000 cycles. Terminal Type: combination 1/4" Quick Connect and Solder. Mounting Hole: 1.02". Type is SPST.



Part #	Action	Actuator
35-455	Push-On, Push-Off	Red Plastic
35-457	Normally Open Momentary	Red Plastic
35-459	Normally Open Momentary	Black Plastic

Lighted Square Pushbutton Switches

Specifications: Current Rating: 10A-125/250V AC; 1/4HP-125V AC; 10A 14VDC. Initial Contact Resistance: 2.5 Milliohms. Typical. Dielectric Strength: 2000V AC RAMS. Contact Material: Silver. Terminal Material: Silver-Brass plated. Electrical Life: 25,000 cycles. Mechanical Life: 100,000 cycles. Terminal Type: Combination 1/4" Quick Connect and Solder. Lamp:12V Incandescent (Non-Replaceable). Mounting Hole:1.100" x 0.880". Type is SPST. Action is push-on, push-off.



Part #	Actuator
35-480	Red Lens Button
35-482	Amber Lens Button
35-484	Green Lens Button

Miniature Pushbutton Switches

Specifications: Current Rating: 3A-125V AC, 1A-250V AC. Initial Contact Resistance: 20 Milliohms or Less. Insulation Resistance: 100 Megohms. Dielectric Strength: 1500V AC 1 Minute. Contact Material; Copper - Silver plated. Terminal Material: Copper - Silver plated. Terminal Type: Solder. Mounting Hole: 0.431". Hardware: Hex Nut, Washer. NOTE: Normally Open = OFF/(ON). Type is SPST. Normally open momentary.



Part #	Actuator
35-411	Round Black Button
35-412	Square Black Button
35-413	Rectangular Black Button

Switches - Pushbutton



Miniature Pushbutton Switches (cont.)

Specifications: Current Rating: 3A-125V AC. Initial Contact Resistance: 2.5V DC, 1A, 20 Milliohms or Less. Insulation Resistance: 500V DC 100 Megohms or More. Dielectric Strength: 1000V AC, 1 Minute. Contact Material: Silver. Terminal Material: Copper Alloy - Silver plated. Terminal Type: Solder. Mounting Hole: 0.250". Hardware: Hex nut, Washer, Knurl nut. Action is push-on, push-off. Actuator is a black button.



Part #	Type
35-404	SPDT
35-405	DPDT

Specifications: Current Rating: 1A-125V AC. Initial Contact Resistance: 10 Milliohms (max.) @ 2.5V DC 1A. Insulation Resistance: 100 Megohms (min.) 500V DC. Dielectric Strength: 1000V AC 1 Minute. Contact Material: Brass - Silver plated. Terminal Material: Brass - Silver plated. Electrical Life: 20,000 cycles. Terminal Type: Solder. Mounting Hole: 0.281. Hardware: Hex nut, Knurl nut.



Part #	Type	Action	Actuator
35-410	SPST	Normally Open Momentary	Red Button

Specifications: Current Rating: 3A-125V AC. Initial Contact Resistance: 2.5V DC @ 1A-20 Milliohm. Insulation Resistance: 500V DC, 100 Megohms. Dielectric Strength: 1000V DC. Contact Material: Silver Plated Copper Alloy. Terminal Material: Silver Plated Copper Alloy. Terminal Type: Solder. Mounting Hole: 0.343. Hardware: Hex nut, Washer. Actuator is a black button.

Part #	Type	Action
35-406	SPST	Push-On, Push Off
35-408	SPDT	Push-On, Push On
35-409	SPST	Normally Open Momentary

Miniature Snap Action Pushbutton Switches



Part #	Type
35-450	SPDT
35-451	DPDT

Momentary Pushbutton Switch-Black Button

Specifications: Current Rating: 0.5A-125V/250V AC. Insulation Resistance: 100 Megohms (min.). Dielectric Strength: 1000V AC (min.). Contact Material is silver. Terminal Material: Brass-Nickel Plated. Mounting Hole: .500. Terminal Type: 6.3mm Tab Terminals. Hardware: 1 Black Hex nut, 1 Brass Lock nut. Special note: () = Momentary function.



Part #	Type	Action	Actuator
35-475	SPST	(ON), OFF	Black Plastic



Momentary Pushbutton Switches

Specifications: Current Rating: 6A-120V AC, 3-A-240V AC. Insulation Resistance: 100 Megohms (min.). Dielectric Strength: 1000V (min.). Contact Material: Copper Alloy. Terminal Material: Copper Alloy and Brass. Terminal Type: Screw. Mounting Hole: 0.500". Hardware: Hex nut, Knurled nut and Screws.



Part #	Type	Action	Actuator
35-3457	SPST N.O.	OFF, (ON)	Black

Specifications: Current Ratings: 3A-120V AC, 1.5A-277V AC. Insulation Resistance: 100 Megohms (min.). Dielectric Strength: 1000V 9min.). Contact Material: Copper Alloy. Terminal Material: Brass. Terminal Type: Screw. Mounting Hole: 0.500". Hardware: Hex nut, Knurled nut.



Part #	Type	Action	Actuator
35-3458	SPST N.C.	(OFF), ON	Red

Power Pushbutton Switch

Specifications: Current Rating: 8A @ 125V AC-UL Rated, 6A-250V AC-motor Load. Initial Contact Resistance: 10 Milliohms (max). Contact Material: Copper-Silver plated. Terminal Material: Copper-Silver plated. Terminal Type: P.C./ Solder Eye. Mounting Hole: 9/16". Hardware: Black DressNut.



Part #	Type	Action	Actuator
35-490	DPDT	Push-On, Push-Off	Plastic

Specifications: Current Rating: 0.5A-100V AC/0.2A-250V AC. Initial Contact Resistance: 10 Milliohms. Insulation Resistance: 1 x 10 (10 Ohms (Dry) 2 x 10 (12) Ohms (After Humidity Test). Dielectric Strength: 1500V AC. Contact Material: Silver. Terminal Material: Copper Alloy-Silver plated. Electrical Life: 100,000 (min.) cycles. Temperature Rating: -20°C to +70°C. Terminal Type: P.C./ Solder Eye. Mounting Hole: N/A. A round black button included.



Part #	Type	Action	Actuator
35-491	DPDT	Push-On or Push-Off Momentary if Pin Removed	Black Plastic

Pushbutton Appliance Switch

Specifications: Current Rating: 6A-125V AC, 3A-250V AC. Initial Contact Resistance: 2.5V DC 1A 30 Milliohms or less. Insulation Resistance: 500V DC 100 Megohms or More. Dielectrical Strength: 1250V. Contact Material: Copper Alloy. Terminal Material: Copper Alloy. Terminal Type: No. 18 AWG 105°C Plastic, 6" Long, Stripped 1/2" and Tinned. Mounting Hole: 0.375". Hardware: Hex nut, Kurled nut.



Part #	Type	Action	Actuator
35-852	SPST	Push-On, Push-Off	Black Plastic

Switches - Pushbutton



Pushbutton Switch

Specifications: Current Rating: 1/4-125V AC/DC. Initial Rating Resistance: 30 Milliohms @ 2-4V DC. Insulation Resistance: 10(9) Ohms (min.). Dielectric Strength: 1000V RMS (min.). Contact Material: Bronze or Silver. Terminal Material: Copper - Silver plated. Temperature Rating: -30°C to +85°C. Electrical Life: 10,000 cycles. Terminal Type: Solder. Mounting Hole: 0.388. Hardware: Mounting nut. SPECIAL NOTE: () = Momentary Function



Part #	Type	Action	Actuator
35-3459	SPST N.O.	OFF, (ON)	Nylon

Rectangular Lighted Pushbutton Switches

Specifications: Current Rating: 4A-250V AC. Initial Contact Resistance: 20 Milliohms. Contact Material: Silver. Terminal Material: Silver. Electrical Life: 600,000. Temperature Rating: -25°C to +77°C without lamp; -25°C to +55°C with lamp. Terminal Type: solder. Mounting Hole: 0.638". Note: Select one of the rectangular colored lenses to complete these switches.



Part #	Type	Action	Actuator
35-3431	DPDT	ON, ON	Rectangular Lighted Pushbutton
35-3432	SPDT	Momentary	Rectangular Lighted Pushbutton

Pushbutton Caps

Snap-on thermoset plastic caps for standard pushbutton switches. Provides attractive front-of panel appearance, aids identification and also serves as button shroud.



Part #	I.D.	Color	Material
35-436	.340"	1-each Red and Black	Thermoset Plastic



Automotive Push Button Switches

Specifications: Current rating is 15A @ 12V DC. Terminal material is brass. Terminal type is screw. Type is SPST. Action is off, on. Actuator is brass/nickel plate.



Part # 30-19484

Push Button Canopy Switches

Specifications: Current rating is 3A @ 125V AC, 1A @ 250V AC. Initial contact resistance is DC 2.5V-1A, 20 meg ohm (max.). Insulation resistance is 500V DC 100 meg ohm (min.). Dielectric strength is 1500V AC for one minute. Contact material is brass-bright nickel plate. Terminal material is 6" 18 AWG 105C° wire. Terminal type is stripped wire leads. Mounting hole is 0.375".



Part #	Type	Action	Actuator
30-1885	SPST	ON, OFF	Black nylon

Push Button Canopy Switches (cont.)

Specifications: Current rating is 6A @ 125V AC, 3A @ 250V AC, 6A @ 30 VDC, 3A @ 15VDC. Initial contact resistance is 50 meg ohm (max.). Insulation resistance is 100 meg ohm (min.) @ 500V DC. Dielectric strength is 1000V AC 60/50 Hz for one minute. Terminal material is brass/nickel plate. Actuator type is plastic, red (30-19164), black (30-19886). Terminal is solder and wire leads. Mounting hole is 0.400".



Part #	Type	Action	Actuator
30-19164	SPST	ON, OFF	Solder
30-19886	SPST	ON, OFF	Wire leads

Miniature Push Buttons

Specifications: Current rating is 3A @ 125V AC, 1A @ 250V AC. Initial contact resistance is DC 2.5-1A, 20 meg ohm (max.). Insulation resistance is 500V DC 100 meg ohm (min.). Dielectric strength is 1500V AC for one minute. Contact material is brass-silver plate. Terminal material is brass-silver plate. Terminal type is solder. Type is SPST. Action is off, on.



Part #	Actuator
30-111	Round black nylon
30-112	Square black nylon
30-113	Rectangular black nylon

Square Switches

Specifications: Current rating is 3A @ 125V AC, 1A @ 250V AC. Initial contact resistance is DC 2.5-1A, 20 meg ohm (max.). Insulation resistance is 500V DC 100 meg ohm (min.). Dielectric strength is 1500V AC for one minute. Contact material is brass-silver plate. Terminal material is brass-silver plate. Terminal type is solder. Type is SPST. Action is off, on. Actuator is red nylon.



Part #	Type	Action	Actuator
30-10064	SPST	OFF, ON	Red Nylon
30-10066	SPST	OFF, (ON)	Red Nylon

Sub-Miniature Push Button Switch

Specifications: Current rating is 1A @ 125V AC. Initial contact resistance is DC 2.5V-1A, 10 meg ohm (min.). Insulation resistance is 500V DC 100 meg ohm (min.). Dielectric strength is 1000V AC for one minute. Contact material is brass-silver plate. terminal material is brass-silver plate. Terminal type is solder. * = 2 pieces per blister pack. Type is SPST. Action is off, on. Actuator is red and black nylon.



Part #	Type	Action	Actuator
30-2289	SPST*	OFF, (ON)	Red nylon
30-2299	SPST*	(OFF), ON	Black nylon

Push Button Switches

Specifications: Current rating is 6A @ 125V AC, 3A @ 250V AC. Insulation resistance is 100 meg ohms (min.). Dielectric strength is 1000V (min.). Base material is Phenolic. Actuator and bushing material is brass/nickel plate. Actuation force is 6-8 pounds. NOTE: () = Momentary. Mounting hole is 0.500"



Part #	Type	Action	Terminal
30-14450	SPST	OFF, (ON)	Solder



Switches - Pushbutton



Heavy Duty Utility AC Push Button Switch

Specifications: Current rating is 15A @ 125V AC, 10A @ 250V AC. Dielectric strength is 1000V RMS min. Contact mechanism is slow make, slow-brake butt contact. Contact material is copper alloy/silver plate. Terminal type is screw. Mounting hole is 0.500". Note: () = Momentary.



Part #	Type	Action	Actuator
30-1425	SPST	ON, OFF	Metal
30-1426	SPST	OFF, (ON)	Metal

Miniature Push Button

Specifications: Current rating is 3A @ 125V AC, 1A @ 250V AC. Initial contact resistance is DC 2.5-1A, 20 meg ohm (max.). Insulation resistance is 500V DC 100 meg ohm (min.). Dielectric strength is 1500V AC for one minute. Contact material is brass-silver plate. Terminal material is brass-silver plate. Terminal type is solder. Type is SPST. Note: () = Momentary. Mounting hole is 0.406".



Part #	Action	Actuator
30-2292	Push OFF, Push ON	Silver metallic
30-2293	OFF, (ON)	Red nylon

Non Lighted and Lighted Large Round

Specifications: Body is nylon 6.6. Actuator transparent is polycarbonate. Contact gap is 3mm (.118). Contact material is silver. Note: () = Momentary.



Part #	Type	Action	Actuator
30-757	SPST	(ON), OFF	Red plastic

Pearl Button Switch (Door Bell)

Specifications: Current rating is 3-6V DC, 6-10V AC for low voltage applications only. Contact material is Phosphor-bronze. Terminal material is Phosphor-bronze. Terminal type is screw. Mounting hole is 0.641" in metal and .625" in wood. Note: () = Momentary.



Part #	Type	Action	Actuator
30-8188	SPST	OFF, (ON)	White nylon

Push Button

Specifications: Current rating is 3A @ 125V AC, 1A @ 250V AC. Initial contact resistance is DC 2.5-1A, 20 meg ohm (max.). Insulation resistance is 500V DC 100 meg ohm (min.). Dielectric strength is 1000V AC for one minute. Contact material is copper-silver plate. Terminal material is copper-silver plate. Terminal type is solder. Note: () = Momentary. Mounting hole is 0.71".



Part #	Type	Action	Actuator
30-2295	SPST	OFF, (ON)	Red nylon

Push Button Keyboard

Specifications: Current rating is 50mA @ 24V AC. Initial contact resistance is 20 meg ohm max 9 (AC 12UV/5mA). Insulation resistance is 100 meg ohms. (min.). Dielectric strength is 250V/AC (min.). Electrical life is 200,000 operations. Shock resistance is 30G. Terminal type is PCB mount. Note: () = Momentary.



Part #	Type	Action	Actuator
30-14419	SPST	OFF, ON	White plastic



Push Button Switches (cont.)

Replacement Colored Lenses for Lighted Push Button Switches



Part #	Type	Color	Size
30-14539	Square	Yellow	.60" x .60"

Miniature Push Button

Specifications: Current rating is 1/2A @ 125V AC. Initial contact resistance is 20 meg ohm (max.). Insulation resistance is 500V DC 100 meg ohm (min.). Dielectric strength is 1000V AC for one minute. Contact material is brass-silver plate. Terminal type is solder. Type is SPST. Action is OFF, (ON). Mounting hole is 0.250". Note: () = Momentary.



Part #	Actuator
30-040	Black button

Miniature Push Button

Specifications: Current rating is 3A @ 125V AC. Initial contact resistance is 20 meg ohm (max.). Insulation resistance is 500V DC 100 meg ohm (min.). Dielectric strength is 1000V AC for one minute. Contact material is brass-silver plate. Terminal material is brass-silver plate. Terminal type is solder. Actuator is black button. Mounting hole is 0.328". Note: () = Momentary.



Part #	Type	Action
30-006	SPST	Push ON, Push OFF
30-008	SPDT	Push ON, Push OFF
30-009	SPST	OFF, (ON)

Miniature Push Button Switch

Specifications: Current rating is 1A @ 125V AC. Initial contact resistance 20 meg ohm (min.). Insulation resistance is 500V DC 100 meg ohm (min.). Dielectric strength is 1500V AC for one minute. Contact material is brass-silver plate. Terminal material is brass-silver plate. Terminal type is solder. Note: () = Momentary. Mounting hole is 0.50".



Part #	Type	Action	Actuator
30-146	SPST	OFF, (ON)	Black plastic

Momentary Push Button Switch

Specifications: Current rating is 6A @ 120V AC, 3A @ 240V AC. Initial contact resistance is 10 meg ohms (min.). Insulation resistance is 200 meg ohm (min.). Dielectric strength is 1000V AC. Contact material is brass-nickel plate. Terminal material is brass-nickel plate. Terminal type is screw. *30-458 rated 3A @ 120VAC, 1.5A @ 277VAC. Note: Switches must be installed with a hex nut behind panel to prevent damage during installation. Mounting hole is 0.500". Note: () = Momentary.



Part #	Type	Action	Actuator
30-457	SPST	OFF, (ON)	Black nylon
30-458	SPST	(OFF), ON	Red nylon

Switches - Pushbutton



Push Button Switches (cont.)

Round

Specifications: Current rating is 3A @ 125V AC, 1A @ 250V AC. Initial contact resistance is DC 2.5-1A, 20 meg ohm (max.). Insulation resistance is 500V DC 100 meg ohm (min.). Dielectric strength is 1500V AC for one minute. Contact material is brass-silver plate. Terminal material is brass-silver plate. Terminal type is solder. Note: () = Momentary. Mounting hole is 0.50".



Part #	Type	Action	Actuator
30-10060	SPST	OFF, ON	Black nylon
30-10062	SPST	OFF, (ON)	Red nylon

Lighted Push Button Switches

Specifications: Current ratings is 8A @ 125V AC, 5A-250VAC, 6A @ 24V DC, .2A @ 250VDC. Initial contact resistance is AC-1A 10 meg ohms. Insulation resistance is 5000 VDC 1000 meg ohms. Insulation voltage is 4000V, 60Hz one minute between all terminals and ground. Contact material is silver. Body material is Thermoplastic. Terminal type is solder. Note: () = Momentary. Mounting hole is 0.625".



Part #	Type	Action	Actuator
30-14512	SPST	OFF, (ON)	Square plastic
30-14514	SPST	OFF, ON	Square plastic
30-14530	DPST	ON, ON	Square Plastic
30-14532	SPST	OFF, (ON)	Rectangular plastic



Push Button Switches

3A @ 125VAC 16mm mounting hole snap-in mounting.



Part #	Description	Color Button
44-530-0	SPST off-(on) N/O	White
44-531-0	SPST off-(on) N/O	Black
44-532-0	SPST off-(on) N/O	Red

1 A @ 125VAC.



Part #	Description	Color Button
44-551-0	SPST off-(on) N/O	Black
44-552-0	SPST off-(on) N/O	Red
44-553-0	SPST on-(off) N/C	Black
44-554-0	SPST on-(off) N/C	Red

These high capacity switches are designed to protect contacts by extinguishing the arc which occurs at break. Bar magnets are placed at each end of the switch and their magnetic field opposes the field created by the arcing current, thereby extinguishing the arc.

Part #	Description
42-745-0	DPDT on-off-on 30A/125VAC(30A/30VDC)

Push Button Switches (cont.)

3A @ 125VAC.



Part #	Description	Color Button
44-480-0	SPST off-(on) N/O	Red
44-481-0	SPST off-(on) N/O	Black
44-482-0	SPST off-on	Red
44-483-0	SPST on-(off) N/C	Red

3A @ 125VAC 12mm mounting hole.

Part #	Description	Color Button
44-490-0	SPST off-on	Black
44-491-0	SPST off-(on) N/O	Red
44-492-0	SPST off-(on) N/O	Black
44-493-0	SPST off-on	Red

Ultra-miniature pushbutton switch .5a @ 125VAC.

Part #	Description	Color Button
44-541-0	SPST off-(on) N/O	Black

1A @ 125VAC.

Part #	Description	Color Button
44-570-0	SPST on-(off) N/C	Red
44-571-0	SPST on-(off) N/C	Black
44-572-0	SPST off-(on) N/O	Red
44-573-0	SPST off-(on) N/O	Black

6A @ 125VAC.

Part #	Description	Color Button
44-611-0	DPDT on-on	Black
44-622-0	SPDT on-on	Red

6 Amp @ 250VAC (10Amp @ 125VAC) with chrome button.

Part #	Description
44-123-0	DPDT on-on

3 Amp @ 125VAC with black button.

Part #	Description
44-201-0	SPST off-(on) N/O

15 Amp @ 125VAC (1/2 HP). Very long life micro switch with black button.

Part #	Description
44-241-0	SPDT on-(on)



Switches - Pushbutton



Push-Pull Switches

Push-pull switch SPST with 2 position tabs brass with chrome plated knob. 3/8" mount hole. 6 volt 25 amp, 12 volt 12 amp.

Part # 9420-BP

Marine push-pull switch, 3 position. On-off-both on for controlling running lights, etc. Large 3/4" diameter face nut of polished chrome. Brass back nut and washer. Chrome plated plastic knob. Mounting stem 1 1/4" long x 7/8" diameter.

Part # 9421-BP

On-off push-pull SPST. 1/2" mount hole. 6 volt 25 amp, 12 volt 15 amp.

Part # 9422-BP

Push-Pull Switches (cont.)

On-off push-pull SPT heavy duty chrome plated metal knob copper terminals with 2 brass screws 1/2" mount hole -28 volt 75 amp.

Part # 9423-BP

HD push button momentary on rubber dust and moisture resistant boot nut. 5/8" mount hole 12 volt 60 amp.

Part # 9452-11

Momentary Switches

Push button momentary on. 5/8" mount hole. 6 volt 25 amp, 12 volt 15 amp.

Part # 9451-BP

Switches - Rocker



Nylon Rocker Switches

Nylon Illuminated Rocker, Single Pole, 10A 12V

Current rating is 10A 12V. Lens color is red. Lamp voltage is 12V Incandescent. Insulation resistance is 100 Megohms (min.). Dielectric strength is 1000V RMS (min.). Temperature rating is +32°F to +185°F (0°C to +85°C). Electrical life is 100,000 cycles and mechanical life is 100,000 cycles. Terminal type is .250" Tab Q.C. Mounting hole is 1.125 (28.58) x .550 (13.97).



Part #	Circuitry	Action	Actuator
54-083	SPST	OFF - ON	Illuminated Translucent Nylon

Nylon Rocker Switches (cont.)

Nylon Rocker, Single Pole, 8A 125VAC, 4A 250VAC

Current rating is 8A 125VAC, 4A 250VAC, Inductive 6(4)A 250VAC T85. Insulation resistance is 100 Megohms (min.). Dielectric strength is 1000V RMS (min.). Temperature rating is +32°F to +185°F (0°C to +85°C). Electrical life is 50,000 cycles and mechanical life is 100,000 cycles. Terminal type is .187" Tab Q.C.



Part #	Circuitry	Action	Actuator
54-075	SPST	ON - OFF	Nylon

Nylon Illuminated Rocker, Single Pole, 15A 125VAC, 10A 250VAC

Current rating is 15A 125VAC, 10A 250VAC, 3/4 HP 125-250VAC. Lens color is red. Lamp voltage is 125V neon. Insulation resistance is 100 Megohms (min.). Dielectric strength is 1000V RMS (min.). Temperature rating is +32°F to +185°F (0°C to +85°C). Electrical life is 100,000 cycles and mechanical life is 100,000 cycles. Terminal type is .250" Tab Q.C. Mounting hole is 1.125 (28.57) x .550 (13.97).



Part #	Circuitry	Action	Actuator
54-054	SPST	OFF - ON	Illuminated Nylon

Nylon Rocker, Single Pole, 16A 125VAC, 10A 250VAC

Current rating is 16A 125VAC, 10A 250VAC, 3/4 HP 125-250VAC 10(4)A 250VAC T85 and (54-058 Only) 12A 125VAC, 8A 250VAC, 1/2 HP 125-250VAC. Insulation resistance is 100 Megohms (min.). Dielectric strength is 1000V RMS (min.). Temperature rating is +32°F to +185°F (0°C to +85°C). Electrical life is 100,000 cycles and mechanical life is 100,000 cycles. Terminal type is .250" Tab Q.C. Mounting hole is 1.125 (28.58) x .550 (13.97). 54-062 is a two color visi-red rocker style actuator.



Part #	Circuitry	Action	Actuator
54-062	SPST	OFF - ON	Polyester or Nylon
54-063	SPDT	ON OFF ON	Polyester or Nylon

Nylon Rocker, Double Pole, 15A 125VAC, 10A 250VAC

Current rating is 15A 125VAC, 10A 250VAC, 3/4 HP 125-250VAC. Insulation resistance is 100 Megohms (min.). Dielectric strength is 1000V RMS (min.). Temperature rating is +32°F to +185°F (0°C to +85°C). Electrical life is 50,000 cycles and mechanical life is 100,000 cycles (min.). Terminal type is .250" Tab Q.C. Mounting hole is 1.450 (36.83) x .830 (21.08).



Part #	Circuitry	Action	Actuator
54-050	DPST	ON - OFF	Nylon
54-118	DPDT	(ON) OFF (ON)	Nylon



Curved Rocker Switches

Specifications: Current Rating: 16A-125V AC, 10A-250V AC, 3 H.P. 125/250V AC. Insulation Resistance: 100 Megohms. Dielectric Strength: 1000V AC (min.). Contact Material: Copper. Terminal Material: Copper Terminal Type: 0.250 Quick Connect. Mounting Hole: 0.555" x 1.125". Actuator is nylon.



Part #	Type	Action
35-3030	SPST: Imprinted	ON, OFF
35-3710	SPST	ON, OFF
35-3720	SPST	ON, ON



Switches - Rocker



Curved Rocker Switches (cont.)

Specifications: Current Rating: 16A-125V AC, 10A-250V AC. Initial Contact Resistance: 5 Milliohms (max.). Insulation Resistance: 100 Megohms (min.). Dielectric Strength 1000V AC (min.). Contact Material: Silver. Terminal Material: Brass. Terminal Type: Combination 1/4" Quick Connect and Solder. Mounting Hole: 0.48" x 1.072" w/0.025-0.200 Panel Thickness 0.55" x 1.125" w/0.050-0.200 Panel Thickness. Note: 35-693 has a molded in on-off red Visi-Rocker. Actuator is black plastic.



Part #	Type	Action
35-691	SPST	ON, OFF
35-693	SPST	ON, OFF
35-694	SPDT	ON, OFF, ON

Lighted Miniature Power Rocker Switch

Specifications: Current Rating: 10A-125V AC, 5A-250V AC. Insulation Resistance: 10(9) Ohms (min.). Dielectric Strength: 1000V AC (min.). Contact Material: Coin Silver - Silver plate. Terminal Material: Copper or Brass - Silver plated. Electrical Life: 10,000 cycles. Mechanical Life: 100,000 cycles. Terminal Type: Solder. Lamp: L.E.D. Mounting Hole: 0.755" x 0.508".



Part #	Type	Action	Actuator
35-645	SPST	ON, OFF	Red L.E.D. in Black Plastic
35-646	DPST	ON, OFF	Red L.E.D. in Black Plastic

Lighted Snap-In Rocker Switches

Specifications: Current Rating: 15A-125V AC, 10A-250V AC. Initial Contact Resistance: 50 Milliohms (max.). Insulation Resistance: 100 Milliohms (min.). Dielectric Strength: 1000V AC. Contact Material: Copper Alloy. Terminal Material: Copper. Terminal Type: Combination 1/4" Quick Connect/Solder Lug. Mounting Hole: 1.100" x 0.480". Lamp: 125V AC Neon Lamp. NOTE: Built in resistor.



Part #	Type	Action	Actuator
35-689	SPST	ON, OFF	Red Translucent Rocker

Specifications: Current Rating: 16A-125/250V AC. Initial Contact Resistance: 10 Milliohms. Insulation Resistance: 20 Megohms (min.). Dielectric Strength: 1000V RMS. Contact Material: Fine Silver. Terminal Material: Brass - Silver Plated. Terminal Type: Combination 1/4" Quick Connect & Solder. Mounting Hole 0.875" x 1.150". Lamp Color: Red. Lamp Neon Voltage: 2A-105V-130V AC.



Part #	Type	Action	Actuator
35-621	SPST	ON, OFF	Black Plastic w/ Red Lens

Lighted/Non-Lighted Rocker Switches

Specifications: Current Rating: 15A-125V AC, 10A-250V AC, 1/2 H.P. 125/250V AC. Initial Contact Resistance: 5 Megohms. Insulation Resistance: 100 Megohms (min.). Dielectric Strength: 1000V AC (min.). Contact Material: Silver. Terminal Material: Brass - Silver plated. Terminal Type: 0.250 Quick Connect. Light Rating: 0.002A 125V AC.



Part #	Type	Action	Actuator
35-656	SPST	ON, OFF	Black Plastic



Lighted/Non-Lighted Rocker Switches (cont.)

Specifications: Current Rating: 20A-125/250V AC, 1/2 H.P. 125V AC, 1 H.P. 250V AC. Initial Contact Resistance: 5 Megohms. Insulation Resistance: 100 Megohms (min.). Dielectric Strength: 1000V AC (min.). Contact Material: Silver. Terminal Material: Brass - Silver plated. Terminal Type: 0.250 Quick Connect. Mounting Hole: 1.18" x 0.870". Light Rating: 0.002A 105-125V AC Red Neon.



Part #	Type	Action	Actuator
35-686	DPST	ON, OFF	Black Plastic

Specification: Current Rating: 20A-125V AC, 15A-250V AC. Initial Contact Resistance: 5 Megohms. Insulation Resistance: 100 Megohms (min.). Contact Material: Silver. Terminal Material: Brass - Silver plate. Terminal Type: 0.250 Quick Connect. No.35-655 - Lighted 125V Neon.



Part #	Type	Action	Actuator
35-654	DPDT	ON, OFF	Black Plastic
35-655	DPDT	ON, OFF	Red Plastic

Specifications: Current Rating: 12A-125V AC 1/2 H.P. 125V AC. Insulation Resistance: 50 Megohms (min.). Dielectric Strength: 1500V AC (min.). Contact Material: Silver. Terminal Material: Brass. Terminal Type: 0.187 Quick Connect. Mounting Hole: 0.50". Lamp Rating: 125V Neon.

Part #	Type	Action	Actuator
35-696	SPST	ON, OFF	Red Translucent Rocker

Miniature Power Rocker Switches

Specifications: Current Rating: 16A-125/250V AC; 1/4HP@125V AC; 1/2HP@250V AC. Insulation Resistance: 10(9) Ohms (min.). Dielectric Strength: 1000V RMS (min.). Contact Material: Coin Silver - Silver Plated. Terminal Material: Copper - Silver Plate. Electrical Life: 10,000 cycles. Mechanical Life: 100,000 Cycles. Terminal Type: Quick Connect. Mounting Hole: 0.488"x1.031. Legend O/I.



Part #	Type	Action	Actuator
35-3705	DPST	ON, OFF	White Plastic
35-643	DPST	ON, OFF	Black Plastic

Specifications: Current Rating: 10A-125V AC, 5A-250V AC. Insulation Resistance: 10(9) Ohms (min.). Dielectric Strength: 1000V AC (min.). Contact Material: Copper or Brass - Silver plated. Terminal Material: Copper or Brass - Silver Plated. Electrical Life: 10,000 Mechanical Life 100,000. Terminal Type: Quick Connect/socket. Mounting Hole: 0.508"x0.755". Legend: O/I.



Part #	Type	Action	Actuator
35-642	SPST	ON, OFF	Black Plastic

Miniature Rocker Switches

Specifications: Current Rating: 4A-125V AC, 2A-250V AC. Insulation Resistance: 10(9) Ohms. Dielectric Strength: 1,000 V RMS (min.). Electrical Life: 10,000 cycles (min.). Mechanical Life: 100,000 cycles (min.). Contact Material: Copper - Silver plated. Terminal Material: Copper. Terminal Type: Quick Connect.



Part #	Type	Action	Actuator
35-615	SPDT	ON, ON	Black Plastic

Switches - Rocker



Miniature Rocker Switches (cont.)

Specifications: Current Rating: 8A-125V AC, 4A-250V AC. Initial Contact Resistance: 5 Megohms. Insulation Resistance: 100 Megohms (min.). Dielectric Strength: 1000V AC (min.). Contact Material: Gold plate over Nickel plate. Terminal Material: Brass - Silver plate. Terminal Type: 0.87 Quick Connect. Mounting Hole: .508 x .756. Legend: O/ (Red) 35-605. +35-607 11A 125VAC. Actuator is black plastic.



Part #	Type	Action
35-605	SPST	ON, OFF
35-606	DPDT	ON, ON
35-607	SPST	ON, OFF
35-608	DPST	ON, OFF
35-609	SPDT	ON, ON

Specifications: Current Rating: 10A-125V AC: 5A-250V AC. Electrical Life: 10,000 Cycles. Mechanical Life: 100,000 Cycles (min.). Insulation Resistance: 10(9) Ohm (min.). Dielectric Strength: 1000V RMS (min.). Contact Material: Silver - Silver plated. Terminal Material: Copper or Brass - Silver plated. Actuator Housing: 6/6 Nylon (UL 94V-2). Terminal Type: Quick Connect. Action is ON, ON. Actuator is black.



Part #	Type
35-644	SPDT
35-648	DPDT

Miniature Snap-In Rocker Switches

Specifications: Current Rating: 4A-125V AC, 2A-250V AC. Initial Contact Resistance: 10m Ohms (max.). Insulation Resistance: 10,000 Megohms (min.). Dielectric Strength: 1,000V RMS at 50Hz between contacts. 4,000V RMS at 50Hz between contacts. 4,000V RMS at 50Hz between terminals and panel (metal). Contact Material: Silver. Terminal Material: Gold Plated Silver. Temperature Rating: -40°C to +85°C. Electrical Life: 50,000 cycles. Terminal Type: Solder. Mounting Hole: 0.35" x 0.734". No. SPECIAL NOTE: () = Momentary Function. Type is SPDT. Actuator is black plastic.



Part #	Action
35-602	ON, ON
35-603	ON, (ON)

Specifications: Current Rating: 8A-125V AC, 4A-250V AC. Initial Contact Resistance: 10 Milliohms (max.) @ 2-4V DC. Insulation Resistance 1000 MegW (min.). Dielectric Strength: 2500V AC RMS. Contact Material: Silver Plated Copper Alloy. Terminal Material: Silver Plated Copper Alloy. Terminal Type: Solder. Mounting Hole: 0.625" x 0.523". Actuator is red plastic. Type is DPDT.



Part #	Action
35-676	ON, OFF, ON

Rocker Switches with LED

Specifications: Current Rating: 10A-125V AC. Initial Contact Resistance: 5 Milliohms (max.). Insulation Resistance: 2.5V DC @ 20 Megohms. Dielectric Strength: 500V DC, 100 Milliohms. Contact Material: Silver plated. Terminal Type: Solder. Lamp: L.E.D. (requires external resistor and diode if operated on A/C) Mounting Hole: 0.430" x 1.189".



Part #	Type	Action	Actuator
35-684	SPST	ON, OFF	Red L.E.D. in White Plastic



Rocker Switches with LED (cont.)

Specifications: Current Rating: 5A-125V AC, 3A-250V AC. Initial Contact Resistance: 100 Milliohms @ 2.5V DC 1A. Insulation Resistance: 500 Megohms @500V DC 1 Minute. Dielectric Strength: 2000V AC 1 Minute. Contact Material: Copper with Rivet-Type Silver Contact. Terminal Material: Outer: Copper Silver Plated Center: Brass Silver Plated. Terminal Type: Combination 3/16 Quick Connect and Solder. Mounting Hole: 0.512" x 0.750". L.E.D. Color: 35-680 - Orange 35-681 - Green; 35-682 - Red. NOTE: A resistor is required in series with pilot lamp for use on DC. Diode is also required for AC use. For resistor and diode ratings see chart inserted in package. Type is SPST.



Part #	Action	Actuator
35-680	ON, ON, OFF	Orange L.E.D. in Black Plastic
35-682	ON, OFF	Red L. E. D. in Black Plastic

Sealed Rocker Switches

Specifications: Current Rating: 15A-125V AC, 10A-250V AC 1/2 H.P. 125-250V AC 20A-12V DC on 35-3585, 35-3590. Insulation Resistance: 50 Megohms. Dielectric Strength: 2000V RMS. Contact Material: Silver. Terminal Material: Brass. Terminal Type: 1/4" Quick Connect. Mounting Hole. Replacement Gasket # 999-16543-001. Actuator is nylon.



Part #	Type	Action
35-3585	DPDT	ON, ON
35-3590	SPDT	ON, OFF, ON

Snap-In Rocker Switch



Part #	Type	Action	Actuator
35-620	DPST	ON, OFF	Red Rocker

Standard Size Snap-In Rockers/Lighted/Unlighted

Specifications: Current Rating: 16A-125/250V AC, 1 H.P. 250V AC (35-640/35-695); others 15A-125 250V AC, 1/2 H.P. 125V AC, 1 H.P. 250V AC. Initial Contact Resistance: 5 Milliohms (max.). Insulation Resistance: 100 Megohms (min.). Dielectric Strength: 1500V AC (min.). Contact Material: Silver. Terminal Material: Brass - Silver plated. Terminal Type: Combination 1/4 Quick Connect Solder. Lamp: 35-688: 105-130V AC Neon; 35-662, 35-664, 12V Incandescent. Mounting Hole: 0.453" x 1.110" 35-695: 0.55" x 1.12"; 35-640: 1.11 x .453. SPECIAL NOTE: () = Momentary Function.



Part #	Type	Action	Actuator
35-640	SPDT	ON, ON	Black Plastic
35-662	SPSST	ON, ON	Lighted Amber Lens
35-664	SPST	ON, OFF	Lighted Green Lens
35-688	SPST	ON, OFF	Lighted Red Lens
35-695	SPDT	(ON), OFF, (ON)	Black Plastic

Specifications: Current Rating: 16A-125V AC 10A250 AC. Initial Contact Resistance: 5 Milliohms (max.). Insulation Resistance: 100 Megohms (min.). Dielectric Strength: 1500V AC(min.). Contact Material: Silver Terminal Material: Brass - Silver Plate. Terminal Type: Combination 1/4" Quick Connect and Solder. Lamp:12V Incandescent Lamp: Mounting Hole: 0.550" x 1.125".



Part #	Type	Action	Actuator
35-660	SPST	ON, OFF	Lighted Red Lens

Switches - Rocker



V Style Rocker Switch

Specifications: Current Rating: 15A-125V AC, 10A-250V AC, 3/4 H.P. 125-250V AC. Insulation Resistance: 100 Megohms (min.). Dielectric Strength: 1000 V AC (min.). Contact Material: Copper. Terminal Material: Copper. Terminal Type: 0.250 Quick Connect. Mounting Hole: 0.55" x 1.125". SPECIAL NOTE: () = Momentary Function".



Part #	Type	Action	Actuator
35-3760	SPST	(ON), OFF	White Nylon

Lighted V Style Rocker Switches



Part #	Type	Action	Actuator
35-3790	SPST (Amber)	ON, OFF	Amber Nylon



Heavy Duty In-Line Rocker Switch

This switch is made for either flat or round cable. They have IDC terminals which eliminates the need to strip the cable for installation. Features: Meets all UL20 requirements for flat or round cable 18 AWG. Self piercing terminals. 15A @ 120V AC. mounting cutout: 1.25" x 2.5". Color is black.



Part # 30-9851

Rocker Switches

Appliance Rocker Switches

Specifications: Current rating is 16A @ 125V AC, 12A @ 250V AC 3/4 HP @ 125-250V AC, 10A @ 14V DC. Initial contact resistance is 5 meg ohm (max.). Insulation Resistance is 100 meg ohms (min.). Dielectric Strength: 1000V AC for one minute. Contact material is copper alloy. Terminal material is copper alloy. Terminal type is .250" quick connect.



Part #	Type	Action	Actuator
30-710	SPST	ON, OFF	Black nylon

Double Pole Heavy Duty (Moisture and Dust Resistant)

Specifications: Current Rating is 20A @ 125V AC, 10A @ 277V AC 1-1/2 HP @ 125/250V AC. Initial Contact Resistance is 5 meg ohm (max.). Insulation Resistance is 100 meg ohm (min.). Dielectric Strength is 1000V AC for one minute. Gasket is molded elastomer. Case is UL94 Flame Class, 94V-2. Contact Material is brass. Terminal material is brass. Terminal type is .250" quick connect. NOTE: () = Momentary.



Part #	Type	Action	Actuator
30-630	DPST	ON, OFF	Black nylon
30-650	DPDT	ON, OFF, ON	Black nylon
30-695	DPDT	(ON), OFF, (ON)	Black nylon

Rocker Switches (cont.)

Heavy Duty

Specifications: Current rating is 20A @ 125V AC, 15A @ 250VAC, 125A peak inrush current. Insulation resistance is 100 meg ohm (min.). Dielectric strength is 1000V (min.). Base material is nylon. Terminal type is .250" quick connect. *3/4HP 125-250VAC. Mounting hole is 0.872" x 1.072"



Part #	Type	Action	Actuator
30-16625	DPST*	ON, OFF	Black nylon with on-off legend

Heavy Duty Lighted

Specifications: Current rating is 15A @ 125V AC, 10A @ 250 VAC 1/2HP 125-250VAC. Insulation Resistance is 100 meg ohms (min.). Dielectric Strength: 1000V (min.). Base material is Phenolic. Terminal type is .250" quick connect.



Part #	Type	Action	Actuator
30-652	SPST	ON, OFF	Amber nylon

High Inrush Heavy Duty Lighted

Specifications: Current rating is 20A @ 125V AC, 15A @ 250 VAC 16 (6) A-125VAC T85, 125A peak inrush current. Insulation Resistance is 100 meg ohm (min.). Dielectric Strength is 1000V (min.). Base material is nylon. Actuator material is nylon/polycarbonate. Terminal type is .250" quick connect. Mounting hole is 0.872" x 1.125".



Part #	Type	Action	Actuator
30-16867	DPST	ON, OFF	Red translucent

Lighted

Specifications: Current rating is 15A @ 125V AC, 7.5A @ 250 V AC. Initial contact resistance is 5 meg ohm (max.). Insulation Resistance is 100 meg ohms (min.). Dielectric Strength: 1000V AC for one minute. Contact material is copper alloy. Terminal material is copper alloy. Terminal type is .250" quick connect. Mounting hole is 1.125" x 0.550".



Part #	Type	Action	Actuator
30-390	SPST	ON, OFF	Amber nylon
30-395	SPST	ON, OFF	Red nylon

Lighted



Part #	Type	Action	Actuator
30-866	DPST	ON, OFF	Black plastic with red neon
30-867	DPST	ON, OFF	Red plastic

Lighted Standard Size

Specifications: Body is nylon 6.6. Actuator Transparent is polycarbonate. Contact gap is u Micro. Contact material is silver alloy. **Lamp voltage 105-130V AC neon.

Part #	Type	Action	Actuator
30-069	SPST	ON, OFF	Red translucent**



Switches - Rocker



Rocker Switches (cont.)

Miniature Power Rocker Switch

For applications such as computers, audio, medical, office instrument and appliance products. Body and actuator is Nylon 6.6. Contact gap is 3mm (.118). Contact material is silver.



Part #	Type	Action	Actuator
30-860	SPST	ON, OFF	Black nylon

Miniature Rocker Switch

Specifications: Body is nylon 6.6. Actuator is nylon 6.6. Contact gap is 3mm (.118). Contact material is silver alloy.



Part #	Type	Action	Actuator
30-846	DPDT	ON, ON	Black

Miniature Rocker Switches

Two color actuator with molded in color legend. Body and rocker (opaque) is Nylon 6.6. Contact gap is 3mm (.118). Contact material is silver alloy.



Part #	Type	Action	Actuator
30-850	SPST	ON, OFF	Black nylon & red
30-855	DPST	ON, OFF	Black nylon & white

Miniature Rocker Switches

Specifications: Current rating is 10A @ 125V AC, 6A @ 250V AC. Initial contact resistance is 50 Meg ohm (max.) Insulation resistance is DC 500V 100 Meg ohms (Min.). Dielectric Strength is AC 1500V one minute. Base material is nylon UL 94V-2. Terminal material is brass/silver plate. Terminal type is .187" quick connect. Mounting hole is .51" x .751".



Part #	Type	Action	Actuator
30-16605	SPST	ON, OFF	Black nylon with red O-I legend
30-16607	SPST	ON, OFF	Black nylon
30-16608	DPST	ON, OFF	Black nylon

Miniature Rocker Switches

Specifications: Current Rating: 8A @ 125V AC, 4A @ 250V AC. Insulation Resistance: 100 Meg ohms (min.). Dielectric Strength: 1000V (min.). Base Material: nylon. Terminal type: solder. Mounting hole is 0.515" x 0.625".

Part #	Type	Action	Actuator
30-654	DPDT	ON, ON	Red nylon

Miniature Snap-in Rocker Switches

Specifications: Current rating is *13A @ 125V AC, 10A @ 250V AC 1/2 HP @ 125-250V AC, 5A @ 14V DC. **16A @ 125V AC, 10A @ 250V AC 3/4 HP @ 125-250V AC, 5A @ 14V DC. Initial contact resistance is 5 meg ohm (max.). Insulation resistance is 100 meg ohm (min.). Dielectric strength is 1000V AC for one minute. Contact material is copper alloy. Terminal material is silver plate-copper alloy. Terminal type is .187" quick connect. Mounting hole is .756" x .508".



Part #	Type	Action	Actuator
30-002	SPDT**	ON, ON	Black nylon
30-004	SPDT*	ON, OFF, ON	Black nylon
30-042	SPST**	ON, OFF	Black nylon



Rocker Switches (cont.)

Power Rocker Switch

Specifications: Current Rating: 16A @ 125V AC, 10A @ 250V AC. Initial Contact Resistance: 50 Meg ohm (max.). Insulation Resistance: 500V DC 100 Meg Ohm (min.). Dielectric Strength: 1500V AC for one minute. Contact Material: Copper-silver plate. Terminal Material: Copper-silver plate. Terminal Type: .250" quick connect. Mounting hole is 0.87" x 1.10".



Part #	Type	Action	Actuator
30-10082	DPDT	ON, ON	Nylon

Power Rocker Switch

Specifications: Current Rating: 16A @ 125V AC, 10A @ 250V AC. Initial Contact Resistance: 50 Meg ohm (max.). Insulation Resistance: 500V DC 100 Meg Ohm (min.). Dielectric Strength: 1500V AC for one minute. Contact Material: Copper-silver plate. Terminal Material: Copper-silver plate. Terminal Type: .250" quick connect. Mounting hole is 0.55" x 1.13".



Part #	Type	Action	Actuator
30-10084	SPST	ON, OFF	Red nylon

Rocker Switches

Specifications: 16A @ 125V AC, 10A @ 250V AC. Initial Contact Resistance: 50 Meg ohm (min.). Insulation Resistance: 500V DC 100 Meg ohm (min.). Dielectric Strength: 1500V for one minute. Contact material: copper - silver plate. Terminal Material: copper - silver plate. Terminal Type: .250" quick connect. Mounting hole: 0.55" x 1.13". *3/4 HP rating.



Part #	Type	Action	Actuator
30-16093	SPST	ON, OFF	Black nylon with red legend
30-16094	SPDT	ON, OFF, ON	Black nylon

Rocker Switches with LED

Specifications: Current Rating: 6A @ 125V AC, 3A @ 250V AC. Initial Contact Resistance: DC 2.5V-1A, 20 Meg ohm (max.). Insulation Resistance: 500V DC 100 Meg ohm (min.). Dielectric Strength: 1500V AC for one minute. Contact Material: Copper-silver plate. Terminal Material: Copper-silver plate. Terminal Type: solder. *30-10681 has .187" quick connect terminal. Mounting hole is 0.51" x 0.75".



Part #	Type	Action	Actuator
30-10083	SPST	ON, OFF	Black nylon with red LED
30-10085	SPST	ON, OFF	Black nylon with green LED
30-16081	SPST*	ON, OFF	Black nylon with amber LED

Single Pole Heavy Duty (Moisture and Dust Resistant)

Specifications: Current Rating: 20A @ 125V AC, 10A @ 277V AC 3/4 HP @ 125-250V AC. Initial Contact Resistance: 5 Meg ohm (max.). Insulation Resistance: 100 Meg Ohm (min.). Dielectric Strength: 1000V AC for one minute. Gasket: Molded elastomer. Case: UL94 Flame Class, 94V-2. Contact Material: Brass. Terminal Material: Brass. Terminal Type: .250" quick connect. Note: () = Momentary.



Part #	Type	Action	Actuator
30-600	SPST	ON, OFF	Black nylon

Switches - Rocker



Rocker Switches (cont.)

Standard Size Rocker Switches

Specifications: Body: Nylon 6.6. Actuator: Nylon 6.6. Contact gap: 3mm (.118). Contact Material: silver alloy. Note: () = Momentary.



Part #	Type	Action	Actuator
30-460	SPDT	ON, ON	Black nylon
30-965	SPDT	(ON), OFF, (ON)	Black nylon



Rocker Switches

Single hole snap-in mount 5A @ 125VAC (3A @ 250VAC). Use



Part #	Description
46-100-0	SPST on-off black button white dot

Single hole snap-in mount with LED indicator 5A @ 125VAC (3A/250V). LED requires external resistor.



Part #	Description
46-102-0	SPST on-off black button red LED
46-103-0	SPST on-off black button green LED
46-104-0	SPST on-off black button yellow LED

Round 18mm diameter mounting hole 6A @ 125VAC.



Part #	Description
46-170-0	SPST on-off, white button
46-183-0	DPDT on-on, white button

Snap-in mounting with neon indicator. 15A @ 125VAC. Mounting hole is 30.2 x 11mm.



Part #	Description
46-190-0	SPST on-off, amber rocker
46-192-0	SPST on-off, red rocker

10A @ 125VAC (6A/250V). Single hole snap-in mount with LED resistor. LED requires external limit resistor.



Part #	Description
46-102J-0	SPST on-off black button red LED
46-103J-0	SPST on-off black button green LED
46-104J-0	SPST on-off black button yellow LED



Rocker Switches (cont.)

Single hole snap-in mount. 10A @ 125VAC (6A @ 250VAC)



Part #	Description
46-100J-0	SPST on-off black button white dot

Snap-in mounting. 10A @ 125VAC (6A/250V). LED requires external limit resistor.



Part #	Description
46-140J-0	SPST on-off, red LED indicator
46-141J-0	SPSt on-off, green LED indicator



Part #	Type	Description
46-145J-0	10A @ 125VAC (6A/250V0)	SPDT on-off-on Black Int. Symbol
46-146J-0	6A @ 125VAC (3A/250V)	SPST (on)-off



Part #	Type	Action
35-3600	SPST	ON, OFF
35-3610	SPDT	ON, ON
35-3620	SPDT	ON, OFF, ON
35-3640	DPDT	ON, ON
35-3650	DPDT	ON, OFF, ON
35-3660	DPDT	(ON), OFF
35-3680	DPDT	(ON), OFF
35-3690	DPDT	(ON), OFF, ON
35-3695	DPDT	(ON), OFF, (ON)

Snap-in mounting 10A @ 250VAC.



Part #	Description
46-150-0	DPST on-off black button white dot
46-151-0	DPST on-off black button ON-OFF



Switches - Rocker



Rocker Switches (cont.)

Snap-in mounting 10A @ 125VAC/6A (6A/250V).



Part #	Description
46-143J-0	SPST on-off, black button white dot
46-144J-0	SPST on-off, black button ON-OFF

Snap-in mounting 5A @ 125VAC (3A/250V). Available with white dot or ON-OFF markings.



Part #	Description
46-143-0	SPST on-off, black button white dot

Snap-in mounting with neon indicator. 16A @ 125VAC. Mounting hole is 29 x 13mm.



Part #	Description
46-190J-0	SPST on-off, amber rocker
46-192J-0	SPST on-off, red rocker

Snap-in mounting 5A @ 125VAC (3A/250V). LED requires external limit resistor.



Part #	Description
46-140-0	SPST on-off, red LED indicator
46-141-0	SPST on-off, green LED indicator

On-off red rocker illuminated oval housing and lenses SPST 12 volt, 15 amp.

Part #	Description
9411 1-11	Blue
9411 3-11	Green
9411 5-11	Red
9411 7-11	Amber

On-off rocker jumbo black 1/2" round mount hole 12 volt, 16 amp.

Part # 9412 0-11

On-off rocker jumbo illuminated 1/2" round mount hole 12 volt, 16 amp.

Part #	Description
9412 1-11	Blue
9412 3-11	Green
9412 5-11	Red
9412 7-11	Amber

On-off rocker SPST illuminated 1/4" male tabs black nylon housing. 1/2" x 1 1/8" mount hole. 12 volt, 16 amp.

Part #	Description
9413 0-11	Black, non ill
9413 1-11	Blue
9413 3-11	Green
9413 5-11	Red

**This catalog represents a
sampling of our inventory.**

Please contact us if the product or part you are looking
for is not included in this publication.



Switches - Toggle



Bat Handle Toggle Switches, Single Pole, 6A 125VAC, 3A 250VAC, AC/DC

Current rating is 6A 125VAC, 3A 250VAC, AC/DC. Insulation resistance is 100 Megohms (min.). Dielectric strength is 1000V RMS (min.). Temperature rating is 0°F to +150°F (-17.8°C to +65.6°C). Electrical life is 25,000 cycles and mechanical life is 15,000 cycles. Mounting hole is .500 (12.7).

Part #	Circuitry	Action	Actuator
54-070	SPST	ON - OFF	Brass/Nickel Plate

Bat Handle Mini Toggle Switch, 4 Pole

Current rating is 6A 125VAC, 3A 250VAC or 4A 30VDC. Insulation resistance is 1000 Megohms (min.) at 500VDC. Dielectric strength is 1000V RMS (min.) between terminals. Temperature rating is -40°F to +185°F (-40°C to +85°C). Electrical life is 30,000 cycles (min.). Terminal type is Solder Lug. Mounting hole is .255 (6.5).



Part #	Circuitry	Action	Actuator
54-312	4PDT	ON - ON	Chrome Plated Brass

Bat Handle Mini Toggle Switch, Double Pole

Current rating is 6A 125VAC, 3A 250VAC or 4A 30VDC. Insulation resistance is 1000 Megohms (min.) at 500VDC. Dielectric strength is 1000V RMS (min.) between terminals. Temperature rating is -40°F to +185°F (-40°C to +85°C). Electrical life is 50,000 cycles (min.). Terminal type is Solder Lug. Mounting hole is .255 (6.5).



Part #	Circuitry	Action	Actuator
54-307	DPDT	ON - ON	Chrome Plated Brass
54-308	DPDT	ON OFF ON	Chrome Plated Brass
54-302	SPDT	ON - ON	Chrome Plated Brass
54-311	DPDT	(ON) OFF (ON)	Chrome Plated Brass
54-303	SPDT	ON OFF ON	Chrome Plated Brass
54-305	SPDT	(ON) OFF (ON)	Chrome Plated Brass

Bat Handle Toggle Switches, Double Pole

Current rating is 15A 125VAC, 10A 250VAC, 3/4 HP 125-250VAC. Insulation resistance is 100 Megohms (min.). Dielectric strength is 1000V RMS (min.). Temperature rating is +32°F to +185°F (0°C to +85°C). Electrical life is 50,000 cycles and mechanical life is 100,000 cycles. Terminal type is "3-in-1" Combo-Terminal. Mounting hole is .500 (12.7).



Part #	Circuitry	Action	Actuator
54-026	DPST	ON - OFF	Brass/Nickel Plate
54-027	DPDT	ON - OFF	Brass/Nickel Plate
54-028	DPDT	ON OFF ON	Brass/Nickel Plate

Bat Handle Toggle Switches, Double Pole

Current rating for functions ON-OFF and ON-ON is 15A 250VAC or 10A 24VDC, for functions ON OFF ON is 15A 250VAC and for other functions is 15A 125VAC, 12A 250VAC or 5A 25VDC. Insulation resistance is 1000 Megohms (min.) at 500VDC. Dielectric strength is 2000V RMS (min.) between terminals. Temperature rating is -4°F to +131°F (-20°C to +55°C). Electrical life is 10,000 cycles (min.) at full load. Mounting hole is .480 (12.2).



Part #	Circuitry	Action	Actuator
54-361	DPDT	ON OFF ON	Nickel Plated Brass
54-367	DPST	ON - OFF	Nickel Plated Brass
54-373	DPDT	(ON) OFF (ON)	Nickel Plated Brass
54-374	DPDT	ON OFF (ON)	Nickel Plated Brass

Bat Handle Toggle Switches, Double Pole

Current rating is 20A 125VAC, 10A 250VAC, 1 1/2 HP 125-250VAC. Insulation resistance is 100 Megohms (min.). Dielectric strength is 1000V RMS (min.). Temperature rating is 0°F to +150°F (-17.8°C to +65.6°C). Electrical life is 25,000 cycles and mechanical life is 100,000 cycles. Screw type terminal. Mounting hole is .500 (12.7).

Part #	Circuitry	Action	Actuator
54-057	DPST	ON - OFF	Brass/Nickel Plate

Bat Handle Toggle Switches, Single Pole

Current rating is 15A 250VAC or 10A 24VDC. Insulation resistance is 1000 Megohms (min.) at 500VDC. Dielectric strength is 2000V RMS (min.) between terminals. Temperature rating is -4°F to +131°F (-20°C to +55°C). Electrical life is 10,000 cycles (min.) at full load. Mounting hole is .480 (12.2). () in Action represents momentary function.



Part #	Circuitry	Action	Actuator
54-348	SPST	ON - OFF	Nickel Plated Brass
54-352	SPDT	(ON) OFF (ON)	Nickel Plated Brass

Bat Handle Toggle Switches, Single Pole

Current Rating is 20A 125VAC, 10A 250VAC, 1 1/2 HP 125-250VAC. Insulation Resistance is 100 Megohms (min.). Dielectric Strength is 1000V RMS (min.). Temperature rating is +32°F to +185°F (0°C to +85°C). Electrical life is 25,000 cycles and mechanical life is 100,000 cycles. Terminal type is .250" Tab Q.C. Mounting hole is .500 (12.7).



Part #	Circuitry	Action	Actuator
54-005	SPST	ON - OFF	Brass/Nickel Plate

Bat Handle Toggle, Single & Double Pole

Current rating is 16A 125VAC, 8A 250VAC, 1 HP 125-250VAC. Insulation resistance is 100 megohms (min). Dielectric strength is 1000V RMS (min). Temperature rating is 0°F to +150°F (-17.8°C to +65.6°C). Electrical life is 25,000 cycles. Mechanical life is 100,000 cycles. Terminal type is screw. Mounting hole is .500 (12.7).

Part #	Circuitry	Action	Actuator
54-055	DPST	ON - OFF	Brass/Nickel Plate
54-056	SPST	ON - OFF	Brass/Nickel Plate

Rubber Boot

Hardware for Bat Handle Toggle Switch. Features 15/32-32 UNS-2A thread.

Part # 54-905



Switches - Toggle



Bat Handle Toggle, Single & Double Pole

Current rating for A is 15A 125VAC, 10A 250VAC, 3/4 HP 125-250VAC. Current rating for B is 20A 125-277VAC, 1 1/2 HP 125VAC, 2 HP 250VAC. Current rating for C is 6A 125VAC, 3A 250VAC, 1/4HP 125-250VAC. Current rating for D is 20 A 250VAC. Insulation resistance is 100 megohms (min). Dielectric strength is 1000V RMS (min). Temperature rating is +36°F to +185°F (0°C to +85°C). Electrical life is 25,000 cycles. Mechanical life is 100,000 cycles. Mounting hole is .500 (12.7).

Part #	Circuitry	Current Rating	Action	Actuator
54-003	DPDT	A	ON - ON	Brass/Nickel Plate
54-004	DPST	A	ON - OFF	Brass/Nickel Plate
54-011	DPST	A	ON - OFF	Brass/Nickel Plate
54-012	DPST	A	ON OFF ON	Brass/Nickel Plate
54-013	DPST	A	ON OFF ON	Brass/Nickel Plate
54-093	SPST	B	ON - OFF	Brass/Nickel Plate
54-095	SPDT	B	ON OFF ON	Brass/Nickel Plate
54-099	DPDT	B	ON - ON	Brass/Nickel Plate
54-100	DPDT	B	ON OFF ON	Brass/Nickel Plate

Bat Handle Toggle, Single Pole

Current rating is 15A 125VAC, 10A 250VAC, 3/4 HP 125-250VAC. Insulation resistance is 100 megohms (min). Dielectric strength is 1000V RMS (min). Temperature rating is 0°F to 150°F (-17.8°C to +65.6°C). Electrical life is 50,000 cycles maintained, 25,000 cycles momentary. Mechanical life is 100,000 cycles. Mounting hole is .500 (12.7). Features include neoprene seal toggle (54-456 & 54-457 only), slow make, slow break contacts, AC rated, suitable for low voltage DC also, standard .500" dia mounting hole and various terminal selections. () in action in table represents momentary function.

Part #	Circuitry	Action	Actuator
54-001	SPDT	On - (Off)	Brass/Nickel Plate
54-002	SPDT	(On) Off (On)	Brass/Nickel Plate
54-006	SPDT	On - Off	Brass/Nickel Plate
54-007	SPDT	On - Off	Brass/Nickel Plate
54-008	SPDT	On - Off	Brass/Nickel Plate
54-009	SPDT	On Off Off	Brass/Nickel Plate
54-010	SPDT	On Off On	Brass/Nickel Plate
54-023	SPDT	On - Off	Brass/Nickel Plate
54-024	SPDT	On - On	Brass/Nickel Plate
54-025	SPDT	ON - OFF - ON	Brass/Nickel Plate
54-456	SPDT	On - Off	Brass/Nickel Plate
54-457	SPDT	(On) - Off	Brass/Nickel Plate

Nylon Paddle Toggle, Single Pole

Current rating is 20A 125VAC, 10A 250VAC, 1 1/2 HP 125-250VAC. Insulation resistance is 100 Megohms (min.). Dielectric strength is 1000V RMS (min.). Temperature rating is +32°F to +185°F (0°C to +85°C). Electrical life is 25,000 cycles and mechanical life is 100,000 cycles. Terminal type is .250" Tab Q.C. Mounting hole is .500 (12.7).



Part #	Circuitry	Action	Actuator
54-020	SPST	OFF - ON	Nylon

Medium Duty Bat Handle Toggle Switches

Specifications: Current Rating: 6A-125V AC, 3A-250V AC. Initial Contact Resistance: 0.003 Ohms @ 125V, 0.010 Ohms @ 250V. Insulation Resistance: 100 Megohms (min.). Dielectric Strength: 1000V AC. Contact Material: Copper-Silver plated. Temperature Rating: Not to exceed 85°C. Electrical Life: 10,000 cycles (min.). Mechanical Life: 50,000 cycles (min.). Terminal Type: Screw. Mounting Hole: 0.500". Hardware: Hex nut, Knurled nut, Screws.



Part #	Type	Action	Actuator
35-167	SPST	ON, OFF	Metal

Specifications: Current Rating: 6A-125V AC, 3A-250V AC. Initial Contact Resistance: 0.03 Ohms @ 125V, .010 @ 250V. Insulation Resistance: 100 Megohms (min). Dielectric Strength: 1000V RMS (min). Contact Material: Brass - Bright dip. Terminal Material: Brass - Tin plated. Temperature Rating: Not to Exceed 85°C Electrical Life: 10,000 (min.) cycles. Mechanical Life: 50,000 cycles. Terminal Type: Solder. Mounting Hole: 0.500". Hardware: Hex nut, Knurled nut.



Part #	Type	Action	Actuator
35-160	SPST	ON, OFF	Metal

Specifications: Current Rating: 6A-125V AC, 3A-250V AC, 1/4HP 125-250VAC. Initial Contact Resistance: 5.5V/1A 0.025 Ohms. Insulation Resistance: 100 Megohms (min.). Dielectric Strength: 1000V RMS. Contact Material: Copper Alloy-Silver plate. Terminal Material: Brass - Tin plate. Temperature Rating: -30°C to +85°C. Electrical Life: 10,000 cycles (min.). Mechanical Life: 50,000 cycles (min.). Terminal Type: Solder. Mounting Hole: 0.500". Hardware: Hex nut, Knurled nut. Special Note: () = Momentary Function.



Part #	Type	Action	Actuator
35-154	DPDT	ON, (ON)	Metal

Medium-Duty Bat Handle Toggle Switches

Specifications: Current Rating: 6A-125V AC 3A-250V AC 1/4 H.P. 120/240V AC. Initial Contact Resistance 5.5V/1A, 0.025 Ohms. Insulation Resistance: 100 Megohms. Dielectric Strength: 1000V RMS. Contact Material: Silver. Terminal Material: Brass - Silver plate: Temperature Rating: Not to exceed 85°C. Electrical Life: 10,000 cycles. Mechanical Life: 50,000 cycles. Terminal Type: Solder. Mounting Hole: 0.500". Hardware: Hex nut, Knurled nut. Special Note: () = Momentary Function.



Part #	Type	Action
35-076	SPST	OFF, (ON)
35-114	SPDT	ON, ON
35-116	SPDT	ON, (ON)

Switches - Toggle



Lighted Paddler Handle Toggle Switches

Specifications: Current Rating: 16A-12V DC. Initial Contact Resistance: 5 Milliohms (max.). Insulation Resistance: 100 Megohms. Dielectric Strength: 1500V AC (min.). Contact Material: Silver - Silver plated. Terminal Material Silver - Silver plated. Terminal Type: 1/4" Quick Connect & Solder. Mounting Hole: 0.500". Lamp: 12V, 55MA, 10,000 Hour Average Life. Hardware: Black hex nut, nickel lock nut. Type is SPST. Action is ON, OFF.



Part #	Actuator
35-092	Green
35-094	Amber

Lighted Toggle Switch

Specifications: Current Rating: 15A-125V AV, 10A-250V AC, 3/4HP 125-250V AC Red-Green Positions/12V lamp. Insulation Resistance: 100 Megohms (min.). Dielectric Strength: 1000V AC (min.). Contact Material: Copper. Terminal Material: Copper. Temperature Rating: Not to exceed 85°C. Electrical Life: 10,000 cycles (min.). Mechanical Life: 50,000 cycles (min.). Terminal Type: 0.250 Quick Connect. Mounting Hole: 0.500 Hardware: Black face nut, brass hex nut.



Part #	Type	Action	Actuator
35-3140	SPST	ON, OFF	Polycarbonate

Bat Handle Appliance Type Toggle Switch

Specifications: Current Rating: 6A-125V AAC, 3A-250V AC. Initial Contact Resistance: 3.5V DC 1A 20m Ohms or Less. Insulation Resistance: 500V DC 200 Megohms or More. Dielectric Strength: 1250V AC. Contact Material: Copper Alloy. Terminal Material: Copper. Terminal Type: No. 18AWG 105°C Plastic 6" wire Leads, Stripped 1/2" and Tinned. Mounting Hole: 0.500". Hardware: ID plate, Knurl nut.



Part #	Type	Action	Actuator
35-854	SPST	ON, OFF	Plastic

Bat Handle Toggle Switch Boot

Flexible molded splashproof cover for standard bat handle toggle switches. Protects switching mechanism from dust and moisture. Accepts switch levers to 1/4" diameter and 3/4" length. Supplied with internal ring nut to fit 15/32" diameter bushing.



Part #	Material	Thread Size
35-060	Vinyl Elastomer	15/32-32

Flat Lever Toggle Switch (Insulated)

Specifications: Current Rating: 20A-125V AC, 10A-250C AC, 1-1/2 HP 125-250V AC. Insulation Resistance: 100 Megohms (min.). Dielectric Strength: 1000V RMS (min.). Contact Material: Copper. Terminal Material: Copper. Temperature Rating: Not to exceed 85°C. Electrical Life: 10,000 cycles (min.). Mechanical Life: 50,000 cycles (min.). Terminal Type: 0.250 Quick Connect. Mounting Hole: 0.500". Hardware: Black knurl nut.



Part #	Type	Action	Actuator
35-3009	SPST	ON, OFF	Nylon

Heavy Duty AC Toggle Switch

Specification: Current Rating: 15A-125V AC, 10A-250V AC, 3/4 H.P. 125-250V AC. Insulation Resistance: 100 Megohms (min.). Dielectric Strength: 1000V RMS (min.). Contact Material: Silver. Terminal Material: Brass - Nickel plate. Temperature Rating: Not to exceed 85°C. Electrical Life: 10,000 cycles (min.). Mechanical Life: 50,000 cycles (min.). Terminal Type: Screw. Mounting Hole: 0.50". Hardware: Screws, face nut, hex nut. Actuator is metal.



Part #	Type	Action
35-145	4PST	ON, OFF
35-3080	4PDT	ON, ON

Light Duty Bat Handle Toggle Switches

Specifications: Current Rating: 4A-125V AC/2A-250V AC-35-64/3A-125V AC-35-132. Initial Contact Resistance: 1A, 20 Milliohms (max.). Insulation Resistance: 100 Megohms (min.) @500V DC. Dielectric Strength: 1250V RMS. Contact Material: Silver. Terminal Material: Copper Alloy-Tin plate. Terminal Type: Solder. Mounting Hole: 0.500". Hardware: ID plates, Nuts (2). Actuator is metal.



Part #	Type	Action
35-064	SPST	ON, OFF
35-132	DPDT	ON, ON

Automotive/Marine Bat Handle Toggle Switch

Specification: Current Rating: 35A-6V DC, 20A-12V DC. Terminal Material: Brass. Terminal Type: Screw. Mounting Hole: 0.438". Hardware: Screws, knurled nut.



Part #	Type	Action	Actuator
35-3170	SPST	ON, OFF	Brass

Heavy Duty Bat Handle Toggle Switches

Bat Handle Toggle Switch Boot

Specifications: Current Rating: 20A-125V AC/10A-277V AC/3/4 HP 125-250V AC for 35-80,35-110, 35-130, 35-153, 35-155. Current Rating: 20A-125V AC/10A-277VAC/1/2 HP 125-250V AC for 35-146, 35-148, 35-150, 35-151, 35-3120. Initial Contact Resistance: 50m Ohms (max.). Insulation Resistance: 1000 Megohms (min.). Dielectric Strength: Exceeds 1000V RMS. Contact Material: Brass - Nickel plate. Terminal Material: Brass. Temperature Rating: -30°C to 60°C. Electrical Life: 6000 cycles (min.). Terminal Type: Screw. Mounting Hole: 0.500". Hardware: Hex nut, knurl nut, screws - 35-80 includes ID plate. Special Note () = Momentary Function. Actuator is metal.



Part #	Type	Action
35-080	SPST	ON, OFF
35-110	SPDT	ON, OFF, ON
35-130	SPDT	ON, ON
35-146	DPDT	ON, ON
35-148	DPDT	ON, OFF, ON
35-150	DPDT	(ON), OFF, (ON)
35-151	DPDT	ON, OFF, (ON)
35-153	SPDT	ON, OFF, (ON)
35-155	SPDT	(ON), OFF, (ON)



Switches - Toggle



Heavy Duty Bat Handle Toggle Switches (cont.)

Bat Handle Toggle Switch Boot

Specifications: Current Rating: 15A-125V AC, 10A-250V AC, 3/4 H.P. 125-250V AC(35-078)-20A-125V AC, 10A-77V AC-1-1/2 HP 125-250VAC(35-144/149). Initial Contact Resistance: 5.5V/1A, 0.005 Ohms. Insulation Resistance: 1000 Megohms. Dielectric Strength: 1000V RMS. Contact Material: Silver or Brass. Terminal Material: Copper Alloy - Silver plate or Brass - Nickel plate. Temperature Rating: Not to exceed 85 °C. Electrical Life: 10,000 cycles (min.). Mechanical Life: 50,000 cycles min (35-078)/others UL rated 6000 (min.). Terminal Type: Solder. Mounting Hole: 0.500". Hardware: Hex nut, face or knurl nut. Actuator is metal.



Part #	Type	Action
35-078	SPST	ON, OFF
35-144	DPDT	ON, OFF
35-149	DPDT	ON, OFF, ON

Bat Handle Toggle Switch Boot

Specifications: Current Rating: 16A-125V AC, 8A-250V AC 1HP 125-250VAC. Initial Contact Resistance: 5.5V/1A, 0.005 Ohms. Insulation Resistance: 1000 MegW. Dielectric Strength: 1000V RMS. Contact Material: Silver. Terminal Material: Brass - Silver plate. Temperature Rating : Not to Exceed 85°C. Electrical Life: 10,000 cycles (min.). Mechanical Life: 50,000 cycles (min.). Terminal Type: Screw. Mounting Hole: 0.500". Hardware: Face nut, hex nut.



Part #	Type	Action	Actuator
35-126	DPST	ON, OFF	Metal

Automotive/Marine Toggle Switches

Specifications: Current Rating: 20A-125V AC, 10A-277V AC. Insulation Resistance: 100 Megohms (min.). Dielectric Strength: 1000 V AC (min.). Contact Material: Fine Silver. Terminal Material: Brass. Temperature Rating: -30°C to 60°C. Electrical Life: 6000 cycles (min.). Terminal Type: 0.250 Quick Connect. Mounting Hole: 0.500. Hardware: Black face nut, nickel hex nut. SPECIAL NOTE: () = Momentary Function. Actuator is nylon.



Part #	Type	Action
35-3150	SPDT	ON, OFF, ON
35-3154	DPST	ON, OFF
35-3156	DPDT	ON, ON
35-3158	DPDT	ON, OFF, ON

Specifications: Current Rating: 20A-125V AC, 10A-277V AC. Insulation Resistance: 100 Megohms (min.). Dielectric Strength: 100 V RMS (min.). Contact Material: Fine Silver. Terminal Material: Brass. Temperature Rating: -30°C to 60°-85°C. Electrical Life: 6000 cycles (min.). Terminal Type: Screw. Mounting Hole: 0.500". Hardware: Black face nut, screws, nickel hex nut. No. SPECIAL NOTE: () = Momentary Function. Actuator is nylon.



Part #	Type	Action
35-3160	SPDT	ON, OFF
35-3162	SPDT	ON, ON
35-3166	DPDT	ON, ON
35-3168	DPDT	ON, OFF, ON

Heavy Duty AC/DC Bat Handle Toggle Switch

Specifications: Current Rating: 16A-125V AC/DC, 8A-250V AC/DC, 1 H.P. 125-250V AC/DC. Insulation Resistance: 100 Megohms (min.). Dielectric Strength: 100 Megohms (min.). Dielectric Strength: 1000V RMS (min.). Contact Material: Copper. Terminal Material: Copper. Temperature Rating: Not to Exceed 85°C. Electrical Life: 10,000 cycles (min.). Mechanical Life: 50,000 cycles (min.). Terminal Type: Screw. Mounting Hole: 0.500". Hardware: Screws, hex nuts.



Part #	Type	Action	Actuator
35-3070	SPST	ON, OFF	Brass

Specification: Current Rating: 20A-125V AC/DC, 10A-250V AC/DC, 1-1/2 H.P. 125-250V AC/DC. Insulation Resistance: 100 Megohms (min.). Dielectric Strength: 100 Megohms (min.). Dielectric Strength: 1000V RMS (min.). Contact Material: Copper Alloy - Brass plated. Terminal Material: Copper Alloy - Brass plated. Temperature Rating: Not to Exceed 85°C. Electrical Life: 10,000 cycles (min.). Mechanical Life: 50,000 cycles (min.). Terminal Type: Screw. Mounting Hole: 0.500". Hardware: Screws, hex nuts.



Part #	Type	Action
35-3075	DPST	ON, OFF

Specifications: Current Rating: 35-139, 35-140 1-1/2 H.P. 250V AC, 35-1411-1/2 H.P. 250V AC: 17A-125V AC/12A-250V AC 35-143 3/4 H.P. 125/250V AC: 15A-125V AC, 10A-250V AC. Insulation Resistance: 100 Megohms (min.). Dielectric Strength: 1000V RMS (min.). Contact Material: Silver. Terminal Material: Brass - Nickel Plate. Temperature Rating: Not to Exceed 85°C. Electrical Life: 10,000 cycles (min.). Mechanical Life: 50,000 cycles (min.). Terminal Type: Screw. Mounting Hole: 0.500". Hardware: Screws, face nut, hex nut. Actuator is metal.

Part #	Type	Action
35-139	3PST	ON, OFF
35-140	3PDT	ON, OFF, ON
35-141	3PDT	ON, ON
35-143	3PDT	ON, OFF, ON

Miniature Bat Handle Toggle Switches

Specifications: Current Rating: 5A 120V AC, 2A 250V AC. Initial Contact Resistance: 2-4V DC. 1A 10 Milliohms. Insulation Resistance: 1000 Megohms (min.). Insulation Resistance: 1000 Megohms (min.). Dielectric Strength: 1000V RMS. Contact Material: Coin Silver - Silver plate. Terminal Material: Brass - Silver plate. Temperature Rating: -30°C to +85°C. Electrical Life: 50,000 cycles. Terminal Type: Solder. Hardware: Nuts (2)/washer.



Part #	Type	Action	Actuator
35-009	DPDT	ON, ON, ON	Metal

Switches - Toggle



Miniature Bat Handle Toggle Switches (cont.)

Specifications: Current Rating: 5A-120V AC, 2A-250V AC, 28V DC. Initial Contact Resistance: 10 Milliohms (max.)@2-4 V DC. Insulation Resistance: 10(9) Ohms (min.). Dielectric Strength: 100V RMS (min.). Contact Material: Coin Silver - Silver plated. Terminal Material: Copper Alloy - Silver Plate. Temperature Rating: -30°C to 85°C. Electrical Life: 40,000 make-and-break cycles at full load: 35-004= 100,000 cycles. Terminal Type: Solder. Mounting Hole: 0.250". Hardware: Nut (2), locking ring, lockwasher. Special Note: () = Momentary Function. Type is SPDT. Actuator is metal except for 35-006 which has metal with white boot.



Part #	Action
35-003	ON, (ON)
35-004	ON, ON
35-005	ON, OFF, ON
35-007	(ON), OFF, (ON)
35-008	(ON), OFF, (ON)

Specifications: Current Rating: 5A-120V AC/28V DC, 2A-250V AC. Initial Contact Resistance: 10(9) Ohms (min.). Dielectric Strength: 1000V RMS (min.). Contact Material: Coin Silver - Silver plated. Terminal Material: Copper Alloy - Silver plate. Temperature Rating: -30°C to 85°C. Electrical Life: 100,000 make-and-break cycles at full load (35-010/35-036); others 40,000 cycles. Terminal Type: Solder. Mounting Hole: 0.250". Hardware: Nuts (2), locking ring, lockwasher. Actuator is metal.



Part #	Type	Action
35-010	DPDT	ON, ON
35-018	DPDT	(ON), OFF, (ON)
35-036	4PDT	ON, ON
35-038	4PDT	ON, OFF, ON

Specifications: Current Rating: 5A-120V AC/28V DC, 2A-250V AC. Initial Contact Resistance: 2-4V DC 10 Milliohms. Insulation Resistance: 10(9) Ohms (min.). Dielectric Strength: 1000V RMS (min.). Contact Material: Coin Silver - Silver plated. Terminal Material: Copper Alloy - Silver plate. Temperature Rating: -30°C to 85°C. Electrical Life: 100,000 cycles (35-24)/40,000 (35-26). Terminal Type: Solder. Mounting Hole: 0.250". Hardware: Nuts (2), locking, lockwasher. Actuator is metal. Type is 3PDT.



Part #	Action
35-024	ON, ON
35-026	ON, OFF, ON



Medium Duty Bat Handle Toggle Switches

Specifications: Current Rating: 6A-125V AC, 3A-250V AC, 1/4HP 120-240VAC. Initial Contact Resistance: 5.5V/1A 0.025. Insulation Resistance: 100 Megohms. Dielectric Strength: 1000V RMS. Contact Material: Silver. Terminal Material: Brass - Silver plate. Temperature Rating: Not to exceed 85°C. Electrical Life: 10,000 cycles (min.). Mechanical Life: 50,000 cycles (min.). Terminal Type: Screw. Mounting Hole: 0.500". Hardware: Hex nut, Knurled nut. Face nut Screw. Special Note: () = Momentary Function.



Part #	Type	Action
35-1076	SPST	OFF, (ON)
35-1114	SPDT	ON, ON
35-1116	SPDT	ON, (ON)

Specifications: Current Rating: for 35-086, 6A, 125V AC, 3A 250V AC, 1/4 H.P. 120/240V AC, For 35-112/35-152, 15A-120V AC, 10A - 240V AC. Initial Contact Resistance: 5.5V/1A, .025 OHMS. Insulation Resistance: 100 Megohms. Dielectric Strength: 1000V RMS. Contact Material: Copper Alloy. Terminal Material: Copper Alloy - Tin plate. Temperature Rating: -30°C to 60°C. Electrical Life: 6000 cycles (min.). Terminal Type: Solder. Mounting Hole: 0.500". Hardware: Hex nut, Knurl or Face nut. Special Note: () = Momentary Function. Actuator is metal.



Part #	Type	Action
35-086	SPDT	ON, OFF, (ON)
35-112	DPST	ON, OFF
35-152	DPDT	ON, ON

Miniature P.C. Toggle Switches

Specifications: Current Rating: 5A-120V AC/28V DC-2A-250V AC. Initial Contact Resistance: 10 Milliohms @ 2-4VDC. Insulation Resistance: 10(9) Ohms (min.). Dielectric Strength: 1000V RMS (min.). Contact Material: Coin Silver - Silver Plate. Terminal Material: Copper Alloy - Silver plate. Temperature Rating: -30°C to 85°C. Electrical Life: 100,000 make-and-break cycles at full load (35-024/35-057), others at 40,000 cycles. Terminal Type: Printed Circuit. Mounting Hole: 0.250". Hardware: Nut (2), Locking ring, Lockwasher. Actuator is flat lever. Note: Actuator chrome plated plastic.



Part #	Type	Action
35-053	SPDT	ON, ON
35-055	SPDT	ON, OFF, ON
35-059	DPDT	ON, OFF, ON

Miniature Plastic Toggle Switches

Specifications: Current Rating: 6A-125V AC, 3A-250V AC. Initial Contact Resistance: 10 Milliohms (max.). Insulation Resistance: 1000 Megohms (min.). Dielectric Strength: 2000V RMS (min.). Contact Material: Coin Silver. Terminal Material: Coin Silver. Temperature Rating: -20° to +55°C. Electrical Life: 10,000 (min.) cycles. Terminal Type: Combination Solder. Lugs/Quick Connect. Mounting Hole: 0.500". Hardware: Hex nut, black knurled nut. Actuator is plastic.



Part #	Type	Action	Actuator
35-070	SPDT	ON, ON	Plastic
35-071	SPST	ON, OFF, ON	Plastic
35-072	DPDT	ON, ON	Plastic



Switches - Toggle



Standard Size Ball Handle Toggle Switch

Specifications: Current Rating: 6A-125V AC, 3A-250V AC. Initial Contact Resistance: 5.5V/1A, 0.025 Ohms. Insulation Resistance: 2000 Megohms. Dielectric Strength: 1250V RMS. Contact Material: Copper Alloy. Terminal Material: Copper Alloy. Terminal Type: Screw. Mounting Hole: 0.500". Hardware: Hex nut, ID plate, knurled nut, Screws. Note: compact design.



Part #	Type	Action	Actuator
35-170	SPST	ON, OFF	Metal

Standard Size Paddle Handle Toggle Switches

Specifications: Current Rating: 20A-125/250V AC, 1/2 H.P. 125V AC, 1 H.P. 250V AC. Initial Contact Resistance: 5.5V/1A, 0.010 Ohms. Insulation Resistance: 2000 Megohms. Dielectric Strength: 1500V AC RMS. Contact Material: Silver. Terminal Material: Silver Plated Copper Alloy. Terminal Type Combination: 1/4" Quick Connect and Solder. Mounting Hole: 0.500". Hardware: Black hex nut, brass face nut.



Part #	Type	Action	Actuator
35-178	SPST	ON, OFF	Black Plastic

Specification: Current Rating: 6A-125V AC, 3A-250V AC, 1/4HP 125-250V AC. Initial Contact Resistance: 5.5V/1A, 0.010 Ohms. Insulation Resistance: 100 Megohms. Dielectric Strength: 1000V AC RMS. Contact Material: Silver. Terminal Material: Copper Alloy - Tin Plated. Temperature Rating: Not to exceed 85°C. Electrical Life: 10,000 cycles (min.). Mechanical Life: 50,000 cycles (min.). Terminal Type: Solder. Mounting Hole: 0.500". Hardware: Face nut, hex nut. Actuator is black plastic. Type is DPDT.



Part #	Action
35-186	ON, ON
35-188	ON, OFF, ON

Specifications: Current Rating: 10A-125V AC, 5A-250V AC, 1/2HP 125-250V AC. Initial Contact Resistance: 5m Ohms (max.). Insulation Resistance: 100 Megohms. Dielectric Strength: 1000V AC (min.). Contact Material: Silver. Terminal Material: Copper Alloy. Temperature Rating: Not to exceed 85°C. Electrical Life: 10,000 cycles (min.). Mechanical Life 50,000 cycles (min.). Terminal Type: Combination 1/4" Quick Connect and Solder. Mounting Hole: 0.500". Hardware: Nylon face nut, nickel hex nut. Actuator is black plastic.



Part #	Type	Action
35-180	SPST	ON, OFF
35-182	SPDT	ON, ON
35-184	SPDT	ON, OFF, ON



Sub-Miniature Bat Handle Toggle Switches

Specifications: Current Rating: 3A-120V AC/28V DC (3A-125V AC, 35-000). Initial Contact Resistance: 20 Milliohms or less @2-4VDC. Insulation Resistance: 10(9) Ohms (min.). Dielectric Strength: 100V RMS (min.). Contact Material: Coin Silver - silver plated. Terminal Material: Copper Alloy - silver plate. Temperature Rating: -30°C to 85°C. Electrical Life: 60,000 make-and-break cycles at full load. Terminal Type: Solder. Mounting Hole: 0.219"-3500/0.203"-35-01/02. Hardware: Nut (2), locking ring, lockwasher. Actuator is metal.



Part #	Type	Action
35-000	SPST	ON, OFF
35-001	SPDT	ON, ON
35-002	DPDT	ON, ON

Toggle Switches

Specifications: Current Rating: 10A-125V AC, 5A-250V AC, 1/2HP 125-250V AC. Insulation Resistance: 100 Megohms (min.). Dielectric Resistance: 1000V AC (min.). Contact Material: Silver. Terminal Material: Brass - Nickel Plated. Temperature Rating: Not to exceed 85°C. Electrical Life: 10,000 cycles min. Mechanical Life: 50,000 cycles (min.). Terminal Type: 0.250 Quick Connect. Hardware: Knurled nut, hex nut. Actuator is metal. Type is SPST.



Part #	Action
35-119	ON, OFF
35-120	ON, ON

Specifications: Current Rating: 6A-125V AC, 3A-250V AC, 1/4HP 125-250V AC. Initial Contact Resistance: 5.5V/1A, 0.025. Insulation Resistance: 100 Megohms (min.). Dielectric Strength: 1000V AC (min.). Contact Material: Silver. Terminal Material: Brass - Nickel plated. Temperature Rating: Not to exceed 85°C.



Part #	Type	Action	Actuator
35-117	DPDT	ON, ON	Metal
35-118	DPST	ON, OFF	Metal

Utility Bat Handle Toggle Switches

Specifications: Current Rating: 20A-125V AC, 10A-250V AC, 3/4 HP 125-250V AC. Insulation Resistance: 100 Megohms. Dielectric Strength: 1000V RMS (min.). Contact Material: Copper Alloy- Silver Plated. Terminal Material: Copper Alloy-Silver Plated. Temperature Rating: -30°C to 85°C. Terminal Type: 0.250 Quick Connect/Screw on 35-3060 Only. Mounting Hole: 0.500". Hardware: Hex nut, knurled nut (2 nuts/screws for 35-3060 only). Action is ON, OFF. Actuator is brass.

Part #	Type
35-3040	SPST
35-3060	DPST

Specifications: Current Rating: 20A-125V AC, 10A-250V AC, 3/4 HP 125-250V AC, 3/4 H.P. 125-250V AC (35-3055) 1-1/2 HP 125-250V AC (35-3065). Insulation Resistance: 100 Megohms. Dielectric Strength: 1000V RMS (min.). Contact & Terminal Material: Copper Alloy- Silver Plated (35-3055). Contact & Terminal Material: Brass - Nickel Plate (35-3065). Temperature Rating: -30°C to 60°C. Electrical life: 6000 cycles in. Terminal Type: Screw 35-3065, Quick Connect 35-3055. Mounting Hole: 0.500". Hardware: Hex nut, Face nut + Screws for 35-3065 only. Special Note: () = Momentary Function. Actuator is brass.

Part #	Type	Action
35-3055	SPST	OFF, (ON)
35-3065	DPST	ON, (OFF)

Switches - Toggle



Utility Bat Handle Toggle Switches

Specifications: Current Rating: 20A-125V AC, 10A-277V AC, 1-1/2 H.P. 125/250V AC. Insulation Resistance: 100 Megohms (min.). Dielectric Strength: 1000V AC (min.). Contact Material: Brass - Nickel plate. Terminal Material: Brass. Temperature Rating: -30°C to 85°C. Electrical Life: 6000 cycles (min.). Terminal Type: Screw. Mounting Hole: 0.500". Hardware: Hex nut, face nut, screws.



Part #	Type	Action	Actuator
35-3135	Progressive Two Circuit	1 & 2 1ON, OFF, ON	Brass

Specifications: Current Rating: 20A-125V AC, 10A-250V AC, 3/4 HP 125-250V AC. Insulation Resistance: 100 Megohms. Dielectric Strength: 1000V RMS (min.). Contact Material: Copper Alloy. Terminal Material: Copper Alloy-Brass plated. Temperature Rating: -30°C to 60°C. Terminal Type: 0.250 Quick Connect. Mounting Hole: 0.500". Hardware: Hex nut, knurl nut. Actuator is brass.



Part #	Type	Action
35-3010	SPDT	ON, ON
35-3015	SPDT	ON, OFF, ON

Specifications: Current Rating: 20A-125V AC, 10A-277V AC 1-1/2HP 125-250VAC. Insulation Resistance: 100 Megohms (min.). Dielectric Strength: 1000V RMS (min.). Contact Material: Fine Silver or Brass. Terminal Material: Brass-Nickel plate. Temperature Rating: -30°C to 88°C. Electrical Life: 6000 cycle (min.). Terminal Type: 0250 Quick Connect. Mounting Hole: 0.500". Hardware 2 nuts. Type is DPDT. Actuator is brass.



Part #	Action
35-3020	ON, ON
35-3025	ON, OFF, ON

Utility Bat Handle Toggle Switches

Specifications: Current Rating: 6A-125V AC, 3A-250V AC. Insulation Resistance: 100 Megohms. Dielectric Strength: 1000V RMS (min.). Contact Material: Copper Alloy - Silver plate. Terminal Material: Copper Alloy - Silver plate. Temperature Rating: -30°C to +60°C. Electrical Life: 6000 cycles (min.). Terminal Type: Screw. Mounting Hole: 0.500". Hardware: 2 nuts.



Part #	Type	Action	Actuator
35-3035	SPST	ON, OFF	Brass

Paddle Switch (Black)

Specifications: Current rating is 15A-125V AC, 10A-250V AC, 3/4 H.P. 125/250V AC. Insulation resistance is 100 Megohms (min.). Dielectric strength is 100V RMS (min.). Contact and terminal material is copper. Temperature rating is not to exceed 85°C. Electrical life is 10,000 cycles (min.). Mechanical life is 50,000 cycles (min.). Terminal type is 0.250" quick connect. Mounting hole is 0.55" x 1.125".



Part #	Type	Action	Actuator
35-3008	SPST	ON, OFF	Nylon

Sub-Miniature and Miniature Toggle Switches

Miniature Toggle Switches - DPDT

Specifications: Current Rating: 5A @ 120V AC/ 28V DC, 2A @ 250V AC. Initial Contact Resistance: 2-4V DC 1A 10m ohm. Insulation Resistance: 1000 Meg ohm (min.). Dielectric Strength: 1000V RMS @ sea level. Contact Material: coin silver- silver plate. Terminal Material: brass-silver plate. Terminal Type: solder. Type is DPDT. Actuator is metal. Mounting hole is 0.250". Note: () = Momentary.



Part #	Action
30-090	ON, ON, ON
30-10012	ON, ON
30-10014	ON, (ON)
30-10016	ON, OFF, ON
30-10018	(ON), OFF, (ON)

Miniature Toggle Switches-SPST & SPDT

Specifications: 5A @ 125V AC/28V DC, 2A @ 250V AC. Initial Contact Resistance: 2-4V DC 1A 10m ohm. Insulation Resistance: 1000 Meg ohm (min.). Dielectric Strength: AC 1000V RMS @ sea level. Contact material: coin silver - silver plate. Terminal Material: Brass - silver plate. Terminal Type: Solder. Mounting hole: 0.250". Note: () = Momentary. Actuator is metal.



Part #	Type	Action
30-10002	SPDT	ON, ON
30-10004	SPDT	ON, (ON)
30-10006	SPDT	ON, OFF, ON
30-10007	SPST	ON, OFF
30-10008	SPDT	(ON), OFF, (ON)
30-10010	SPDT	ON, OFF, (ON)

Sub-Miniature Toggle Switches-DPDT

Specifications: Current Rating: 3A @ 120V AC, 28V DC. Initial Contact Resistance: 2-4V DC 1A 10m ohm. Insulation Resistance: 1000 Meg ohm (min.). Dielectric Strength: 1000V RMS @ sea level. Contact Material: coin silver- silver plate. Terminal Material: brass-silver plate. Terminal Type: solder. Note: () = Momentary. Mounting hole: 0.203".



Part #	Type	Action	Actuator
30-10048	DPDT	ON, ON	Metal

Sub-Miniature Toggle Switches-SPST & SPDT

Specifications: Current Rating: 3A @ 120V AC, 28V DC. Initial Contact Resistance: 2-4V DC 1A 10m ohm. Insulation Resistance: 1000 Meg ohm (min.). Dielectric Strength: 1000V RMS @ sea level. Contact Material: coin silver- silver plate. Terminal Material: brass-silver plate. Terminal Type: solder. Note: () = Momentary. Mounting hole is 0.203".



Part #	Type	Action	Actuator
30-10030	SPST	ON, OFF	Metal
30-10042	SPDT	ON, ON	Metal
30-10044	SPDT	ON, OFF, ON	Metal



Switches - Toggle



Standard Size Bat Handle Toggle Switches

Specifications: Current Rating: 15A @ 125V AC, 10A @ 277V AC; Initial Contact Resistance: 50 Meg ohm (max.); Insulation Resistance: 100 Meg ohm (min.) @ 500V DC; Dielectric Strength: 1000V AC 50/60 Hz for one minute; Contact Material: Brass-silver plate; Terminal Material: brass; Terminal type: screw. Action is on and off. Actuator is metal.



Part # 30-067

Specifications: Current Rating: 3A @ 125V AC, 1A @ 250V AC; Initial Contact Resistance: 5 Meg ohm (max.); Insulation Resistance: 100 Meg ohm (min.) @ 500V DC; Dielectric Strength: 1000V AC 50/60 Hz for one minute; Contact Material: Brass-nickel plate; Terminal Material: Brass-nickel plate; Terminal Type: solder. Action is ON, OFF. Actuator is metal.



Part #	Type
30-219	SPST
30-221	DPDT

Specifications: Current Rating: 6A @ 125V AC, 3A @ 250V AC; Initial Contact Resistance: 5 Meg ohm (max.); Insulation Resistance: 100 Meg ohm (min.) @ 500V DC; Dielectric Strength: 1000V AC 50/60 Hz for one minute; Contact Material: Brass-nickel plate; Terminal Material: Brass-nickel plate; Terminal Type: screw. Action is on, off, on. Actuator is metal.



Part # 30-226

Specifications: Current Rating: 10A @ 125V AC, 6A @ 250V AC; Initial Contact Resistance: 5 Meg ohm (max.); Insulation Resistance: DC 500V 100 Meg ohm (min.); Dielectric Strength: AC 1500V for one minute; Contact Material: Brass-nickel plate, M12-.75 threads; Terminal Material: Brass-nickel plate; Terminal Type: screw. Action is on, on. Actuator is brass nickel plate.



Part # 30-10124

Specifications: Current Rating: 15A @ 125V AC, 10A @ 250V AC; Initial Contact Resistance: 5 Meg ohm (max.); Insulation Resistance: DC 500V 100 Meg ohm (min.); Dielectric Strength: AC 1500V for one minute; Contact Material: Brass-nickel plate, M12-.75 threads; Terminal Material: Brass-nickel plate; Terminal Type: screw. Action is on, off, on. Actuator is metal (brass nickel plate). Terminal is solder.



Part # 30-10099



Heavy Duty Bat Handle Toggle Switches - SPST & SPDT

Specifications: Current rating is 20A @ 125V AC, 10A @ 277V AC 3/4 HP @ 125/250V AC. Initial Contact Resistance: 50 Meg ohm (max.). Insulation resistance is 100 Meg ohm (min.) @ 500V DC. Dielectric strength is 1000V AC 50/60 Hz for one minute. Contact material is brass-bright nickel plate. Terminal material is brass-tin dipped. Solder terminal type. Mounting hole is 0.500".



Part #	Type	Action	Actuator
30-078	SPST	ON, OFF	Metal

Heavy Duty Bat Handle Toggle Switches - DPST & DPDT

Specifications: Current rating is 20A @ 125V AC, 10A @ 277V AC 3/4 HP @ 125/250V AC. Initial Contact Resistance: 50 Meg ohm (max.). Insulation resistance is 100 Meg ohm (min.) @ 500V DC. Dielectric strength is 1000V AC 50/60 Hz for one minute. Contact material is brass-bright nickel plate. Terminal material is brass. Solder-tin dipped terminal type. Mounting hole is 0.500". Note: () = Momentary. Metal actuator.

Part #	Type	Action
30-052	DPDT	ON, ON

Standard Size Bat Handle Toggle Switches

Specifications: Current Rating: 20A @ 125V AC, 10A @ 277V AC 3/4 HP @ 125/277V AC 1 HP @ 125/277V AC; Initial Contact Resistance: 50 Meg ohm (max.); Insulation Resistance: 100 Meg ohm (min.) @ 500V DC; Dielectric Strength: 1000V AC 50/60 Hz for one minute; Contact Material: Brass-nickel plate; Terminal Material: brass; Terminal type: screw. Metal actuator.



Part #	Type	Action
30-020	SPST	ON, OFF
30-022	SPDT	ON, ON

Specifications: Current Rating: 20A @ 125V AC, 10A @ 277V AC 3/4 HP @ 125/277V AC 1 HP @ 125/277V AC; Initial Contact Resistance: 50 Meg ohm (max.); Insulation Resistance: 100 Meg ohm (min.) @ 500V DC; Dielectric Strength: 1000V AC 50/60 Hz for one minute; Contact Material: Brass-nickel plate; Terminal Material: brass; Terminal type: screw.



Part # 30-019

Automotive/Marine Toggle Switches

Specifications: Current Rating: 20A @ 125V AC, 10A @ 250V AC; Initial Contact Resistance: 20 Meg ohm (max.); Insulation Resistance: 100 Meg ohm (min.); Dielectric Strength: 1000V AC for one minute; Contact Material: Brass; Terminal Material: Brass; Terminal Type: .250 quick connect. Type is DPDT. Action is on, off. Actuator is nylon.



Part # 30-154

Light Duty Ball Handle Toggle Switch

Specifications: Current Rating: 6A @ 125V AC, 3A @ 250V AC; Initial Contact Resistance: 5 Meg ohm (max.); Insulation Resistance: 100 Meg ohm (min.) @ 500V DC; Dielectric Strength: 1000V AC 50/60 Hz for one minute; Contact Material: Brass-6" 18 AWG, 105 C° Wire; Terminal Material: Brass-bright nickel plate; Terminal type: Stripped & tinned wire leads. Type is SPST. Action is on and off. Actuator is metal.



Part # 30-1720

Switches - Toggle



Reversing Toggle Switch

Specifications: Current Rating: 21A @ 14V DC; Initial Contact Resistance: 20 Meg ohm (max.); Insulation Resistance: 100 Meg ohm (min.); Dielectric Strength: 1000V AC for one minute; Contact Material: Brass; Terminal Material: Brass; Terminal Type: .250 quick connect. Type is DPDT. Action is on, off, on. Actuator is nylon.



Part # 30-125

Miniature and Standard Toggle Switches

DPST & DPDT Standard Size Toggle Switches

Specifications: Current Rating: 15A @ 125/250V AC. Initial Contact Resistance: 50 Meg ohm. Insulation Resistance: 100 Meg ohm (min.) @ 500V DC. Dielectric Strength: 1000V AC 50/60 Hz for one minute. Contact Material: Brass-nickel plated. Terminal Material: Brass-nickel plated. Actuator type is metal. Mounting hole is 0.500".



Part #	Type	Action	Terminal
30-1134	DPST	ON, OFF	Screw
30-1144	DPDT	ON, ON	Screw
30-1154	DPDT	ON, OFF, ON	Screw

Miniature Toggle Switches - 3PDT

Specifications: Current Rating: 5A @ 120V AC/ 28V DC, 2A @ 250V AC. Initial Contact Resistance: 2-4V DC 1A 10m ohm. Insulation Resistance: 1000 Meg ohm (min.). Dielectric Strength: 1000V RMS @ sea level. Contact Material: coin silver- silver plate. Terminal Material: brass-silver plate. Terminal Type: solder.



Part #	Type	Action	Actuator
30-10022	3PDT	ON, ON	Metal
30-10024	3PDT	ON, OFF, ON	Metal

Miniature Toggle Switches - 4PDT

Specifications: Current Rating: 5A @ 120V AC/ 28V DC, 2A @ 250V AC. Initial Contact Resistance: 2-4V DC 1A 10m ohm. Insulation Resistance: 1000 Meg ohm (min.). Dielectric Strength: 1000V RMS @ sea level. Contact Material: coin silver- silver plate. Terminal Material: brass-silver plate. Terminal Type: solder. Mounting hole is 0.250".



Part #	Type	Action	Actuator
30-10034	4PDT	ON, ON	Metal

SPST & SPDT Standard Size Toggle Switches

Specifications: Current Rating: 15A @ 125/250V AC. Initial Contact Resistance: 50 Meg ohm. Insulation Resistance: 100 Meg ohm (min.) @ 500V DC. Dielectric Strength: 1000V AC 50/60 Hz for one minute. Contact Material: Brass-nickel plated. Terminal Material: Brass-nickel plated. Actuator Type is metal. Mounting hole is 0.500".



Part #	Type	Action	Terminal
30-1104	SPST	ON, OFF	Screw
30-1114	SPDT	ON, ON	Screw



Standard Toggle Switches

Heavy Duty Bat Handle Toggle Switches - SPST & SPDT

Specifications: Current Rating: 20A @ 125V AC, 10A @ 277V AC 3/4 HP @ 125/250V AC. Initial Contact Resistance: 50 Meg ohm (max.). Insulation Resistance: 100 Meg ohm (min.) @ 500V DC. Dielectric Strength: 1000V AC 50/60 Hz for one minute. Contact Material: Brass-bright nickel plate. Terminal Material: brass. Terminal type: screw. Note: () = Momentary. Mounting hole is 0.500".



Part #	Type	Action	Actuator
30-013	SPDT	ON, ON	Metal
30-055	SPDT	(ON), OFF, (ON)	Metal
30-080	SPST	ON, OFF	Metal
30-116	SPDT	ON, (ON)	Metal
30-355	SPST	(ON), OFF	Metal
30-010	SPDT	ON, OFF, ON	Metal

Heavy Duty Bat Handle Toggle Switches- SPST & SPDT

Specifications: Current Rating: 20A @ 125V AC, 10A @ 277V AC 3/4 HP @ 125/250V AC. Initial Contact Resistance: 50 Meg ohm (max.). Insulation Resistance: 100 Meg ohm (min.) @ 500V DC. Dielectric Strength: 1000V AC 50/60 Hz for one minute. Contact Material: Brass-nickel plate. Terminal Material: brass. Terminal type: .250" quick connect. Mounting hole is 0.500".



Part #	Type	Action	Actuator
30-305	SPST	ON, OFF	Metal

Heavy Duty Bat Handle Toggle Switches-DPST & DPDT

Specifications: Current Rating: 20A @ 125V AC, 10A @ 277V AC 1-1/2 HP @ 125/250V AC. Initial Contact Resistance: 50 Meg ohm (max.). Insulation Resistance: 100 Meg ohm (min.) @ 500V DC. Dielectric Strength: 1000V AC 50/60 Hz for one minute. Contact Material: Brass-nickel plate. Terminal Material: brass. Terminal type: .250" quick connect. Mounting hole is 0.500".



Part #	Type	Action	Actuator
30-320	DPDT	ON, ON	Metal
30-325	DPDT	ON, OFF, ON	Metal
30-345	DPST	ON, OFF	Metal

Heavy Duty Bat Handle Toggle Switches-DPST & DPDT

Specifications: Current Rating: 20A @ 125V AC, 10A @ 277V AC 1-1/2 HP @ 125/250V AC. Initial Contact Resistance: 50 Meg ohm (max.). Insulation Resistance: 100 Meg ohm (min.) @ 500V DC. Dielectric Strength: 1000V AC 50/60 Hz for one minute. Contact Material: Brass-bright nickel plate. Terminal Material: brass. Terminal type: screw. Mounting hole is 0.500". Note: () = Momentary.



Part #	Type	Action	Actuator
30-046	DPDT	ON, ON	Metal
30-048	DPDT	ON, OFF, ON	Metal
30-050	DPDT	(ON), OFF, (ON)	Metal
30-312	DPST	ON, OFF	Metal



Switches - Toggle



Toggle Switch Hardware

Part #	Type	Thread Size
30-1200	Rubber boot	M12 x 1.0
30-1320	Rubber boot	15/32-32
30-2200B	Available in bulk only	-

Utility Bat Handle Toggle Switch

Specifications: Current Rating: 8A @ 125V AC, 3A @ 250V AC 10A @ 125V AC, 1/3 HP @ 125V AC; Initial Contact Resistance: 50 Meg ohm (max.); Insulation Resistance: 100 Meg ohm (min.) @ 500V DC; Dielectric Strength: 1000V AC 50/60 Hz for one minute; Contact Material: Brass-6" 18 AWG, 105 C° Wire; Terminal Material: Brass-bright nickel plate; Terminal type: Stripped wire leads.



Part #	Type	Action	Actuator
30-350	SPST	ON, OFF	Metal

Standard Toggle Switches

Heavy Duty Toggle Switch, AC/DC Motor Control

Specifications: Current Rating: 16A @ 125V AC, 8A @ 250V AC 1 HP @ 125-250V AC. Insulation Resistance: 100 Meg ohm (min.). Dielectric Strength: 1000V one minute. Base Material: Phenolic. Bezel Material: Brass/Nickel plate. Terminal Type: Screw (#6-32NC-2 Thread). *Rating for 30-10342 is 20A @ 125VAC, 10A @ 250VAC, 1-1/2 HP 125-250VAC.



Part #	Type	Action	Actuator
30-10131	DPST	ON, OFF	Brass nickel plate
30-10342	DPST*	ON, OFF	Brass nickel plate

Paddle Handle Toggle Switches

Lighted Paddle Handle Toggle Switches

Specifications: Electrical Rating: 16A, 12V DC. Contact Material: silver-silver plated. Terminal Material: Silver-silver plated. Lamp: 12V, 55mA, 10,000 Hr Avg. Life. Initial Contact Resistance: 5 milliohms (max.). Insulation Resistance: 100 megaohms. Dielectric Strength: 1500V AC (min.). Type is SPST. Action is ON, OFF. Mounting hole is 0.500".



Part #	Actuator
30-890	Red
30-892	Green
30-894	Amber

Standard Size Paddle Handle Toggle Switches

Mounting hole is 0.500".



Part #	Type	Action	Actuator
30-170	SPST	ON, OFF	Black nylon

Sub-Miniature Toggle Switches

P.C. Mount Sub-Miniature Toggle Switches



Economy P.C. mount. 6A @ 125VAC

Part #	Description
41-263-0	SPDT on-on
41-264-0	SPDT on-(on)
41-265-0	SPDT on-off-on
41-266-0	SPDT on-off-(on)
41-267-0	SPDT (on)-off-(on)
41-273-0	DPDT on-on
41-275-0	DPDT on-off-on
41-276-0	DPDT on-off-(on)
41-277-0	DPDT (on)-off-(on)

UL/CSA P.C. Mount

5A @ 125VAC or 28VDC

Part #	Description
41-263T-0	SPDT on-on
41-264T-0	SPDT on-(on)
41-265T-0	SPDT on-off-on
41-266T-0	SPDT on-off-(on)
41-267T-0	SPDT (on)-off-(on)
41-273T-0	DPDT on-on
41-275T-0	DPDT on-off-on
41-276T-0	DPDT on-off-(on)
41-277T-0	DPDT (on)-off-(on)

Ultra Miniature Toggle Switches

3A @ 125VAC or 28VDC

Part #	Description
41-310T-0	SPST on-off
41-323T-0	DPDT on-on

Sub-Miniature Toggle Switches

SP = Single pole. DP = Double pole. Denotes momentary contact.

Economy Sub-Miniature Toggle Switches

6A @ 125VAC.



Part #	Description
41-230A-0	SPST on-off
41-233A-0	SPDT on-on
41-234-0	SPDT on-(on)
41-235-0	SPDT on-off-on
41-236-0	SPDT on-off-(on)
41-237-0	SPDT (on)-off-(on)
41-243A-0	DPDT on-on
41-244-0	DPDT on-(on)
41-245A-0	DPDT on-off-on
41-246-0	DPDT on-off-(on)
41-247-0	DPDT (on)-off-(on)

Switches - Toggle



Sub-Miniature Toggle Switches (cont.)

Standard Sub-Miniature Switches
6 amps @ 125VAC.



Part #	Description
41-230-0	SPST on-off
41-233-0	SPDT on-on
41-234B-0	SPDT on-(on)
41-235B-0	SPDT on-off-on

Standard Sub-Miniature Switches

Part #	Description
41-237B-0	SPDT (on)-off-(on)
41-243-0	DPDT on-on
41-244B-0	DPDT on-(on)
41-245-0	DPDT on-off-on
41-246B-0	DPDT on-off-(on)
41-247B-0	DPDT (on)-off-(on)
41-251-0	3PDT on-on
41-252-0	3PDT on-off-on
41-253-0	4PDT on-on
41-255-0	4PDT on-off-on

Ultra Miniature Toggle Switches
3A @ 125VAC.



Part #	Description
41-310-0	SPST on-off
41-313-0	SPDT on-on
41-323-0	DPDT on-on

UL/CSA Approved Economy Sub-Miniature Toggle Switches
5A @ 125VAC or 28VDC



Part #	Description
41-233T-0	SPDT on-on
41-234T-0	SPDT on-(on)
41-235T-0	SPDT on-off-on
41-236T-0	SPDT on-off-(on)
41-237T-0	SPDT (on)-off-(on)
41-243T-0	DPDT on-on
41-244T-0	DPDT on-(on)
41-245T-0	DPDT on-off-on
41-246T-0	DPDT on-off-(on)
41-247T-0	DPDT (on)-off-(on)
41-251T-0	3PDT on-on
41-252T-0	3PDT on-off-on
41-253T-0	4PDT on-on
41-255T-0	4PDT on-off-on



Sub-Miniature Toggle Switches (cont.)

15A/125V 6A/250VAC (20A/30VDC) screw terminals.



Part #	Description
42-424S-0	SPDT on-(on) CSA/UL
42-425S-0	SPDT on-off-on CSA
42-427S-0	SPDT (on)-off-(on) CSA



Part #	Description
42-444-0	DPDT on-(on) 15A/125VAC (20A/30VDC) CSA/UL
42-446-0	DPDT on-off-(on) 15A/125VAC (20A/30VDC) UL
42-447-0	DPDT (on)-off-(on) 15A/125VAC (20A/30VDC) UL
42-630-0	DPST on-off 25A/125VAC (25A/30VDC) CSA
42-643-0	DPDT on-on 25A/125VAC (25A/30VDC) CSA
42-645-0	DPDT on-off-on 25A/125VAC (25A/30VDC) CSA



Part #	Description
42-130-0	DPST on-off 5A/125V CSA
42-143-0	DPDT on-on 5A/125V CSA
42-145-0	DPDT on-off-on 5A/125V CSA/UL
42-210-0	SPST on-off 3A @ 125V
42-223-0	DPDT on-on 3A @ 125V
42-225-0	DPDT on-off-on 6A @ 125V
42-310N-0	SPST on-off 10A/125VAC (10A/30VDC) CSA/UL
42-410N-0	SPST on-off 15A/125VAC (20A/30VDC) CSA/UL
42-340-0	DPDT on-on 10A/125VAC (10A/30VDC) CSA/UL
42-543-0	DPDT on-on 20A/125VAC (20A/30VDC) CSA/UL
42-545-0	DPDT on-off-on 20A/125VAC (20A/30VDC) CSA
42-683-0	4PDT on-on 25A/125VAC (20A/30VDC)
42-685-0	4PDT on-of-on 25A/125VAC (20A/30VDC)
42-010-0	SPST on-off 3A @ 125V (1.5 @ 250V) with solder terminals.
42-110-0	SPST on-off 10 amp @ 125VAC (6 amp @ 250VAC).
42-113-0	SPDT on-on 10 amp @ 125VAC (6 amp @ 250VAC).
42-115-0	SPDT on-off-on 10 amp @ 125VAC (6 amp @ 250VAC).
42-123-0	DPDT on-on 10 amp @ 125VAC (6 amp @ 250VAC).

Switches - Toggle



Toggle Switches (cont.)

15A/125V 6A/250VAC (20A/30VDC)



Part #	Description
42-410-0	SPST on-off CSA/UL
42-425B-0	SPDT on-off-on CSA/UL
42-426-0	SPDT on-off-(on) CSA
42-427-0	SPDT (on)-off-(on) CSA

Rating is 15A/125V 10A/250V screw terminals.



Part #	Description
42-413-0	SPDT on-on
42-415-0	SPDT on-off-on
42-423-0	DPDT on-on
42-425-0	DPDT on-off-on

Push Button Switches

These high capacity switches are designed to protect contacts by extinguishing the arc which occurs at break. Bar magnets are placed at each end of the switch and their magnetic field opposes the field created by the arcing current, thereby extinguishing the arc.

Part #	Description
42-745-0	DPDT on-off-on 30A/125VAC(30A/30VDC)

Bat Handle Toggle Switch

Black plastic bat handle. Solder terminals. 10A @ 125v (6A @250V). SPST on-off.

Part # 42-310-0



Toggle Switches

Part #	Description
9401-BP	On-off black toggle 1/4" male tabs black nylon housing 1/2" mount hole. 12 volt 16 amp.
9403-11	On-off toggle red LED light SPST 12 volt 20 amp
9437-11	On-off toggle 2 position/2 terminal with boot nut moisture proof. 12 volt 20 amp.
9438-11	On-off toggle DPST 4 screw terminals. 10 amp 250VAC, 20 amp 125VAC.
9439-11	On-off-on toggle DPDT. 6 Screw terminals 10 amp 250 VAC, 20 amp 125VAC.
9447-BP	On-off toggle SPST metal bat handle. 1/2" mount hole. 12 volt 15 amp.

On-off toggle SPST illuminated 1/4" male tabs black nylon housing 1/2" mount hole. 12 volt 16 amp.

Part #	Description
9405-11	Red
9405 1-11	Blue
9405 3-11	Green
9405 7-11	Amber

Toggle Switches (cont.)

Red illuminated on-off switch 2 position duckbill lever type that lights when on. black lock nut. SPST. 16 amps 12 volts. Fits 12.5mm (1/2") diameter hole.

Part #	Description
9407-11	Red
9407 1-11	Blue
9407 3-11	Green
9407 7 11	Amber

On-off-on toggle SPDT metal bat handle with indicator plate. 1/2" mount hole. 12 volt 15 amp, 6 volt 35 amp.

Part # 9434-BP

On-off toggle switch. 12 volt 35 amp. 2 position/2 screw terminals chrome plated bat handle.

Part # 9435-BP

Extra HD toggle switch. 2 position/2 screw terminals on-off. 50 amps. Chrome plated bat handle. 1" long mounting stem x 15/32" diameter.

Part # 9436-BP

On-off-on HD toggle die cast housing chrome plated with copper screw terminals 1/2" mount hole. 6-12 volt 50 amp.

Part # 9443-11

On-off toggle SPST with indicator plate 2-6" wire leads metal bat handle. 12 volt 15 amp, 125 volt 6 amp, 250 volt 3 amp.

Part # 9446-BP

Momentary Switches

Momentary on-off SPST. 1/4" male tabs black nylon housing 1/2" mount hole. 12 volt 16 amp.

Part # 9402-11

Momentary off-on toggle switch. 6-12 volt 35 amp. 2 position/2 screw terminals. Chrome plated bat handle.

Part # 9440-BP

HD momentary on-off-momentary on SPDT die cast housing chrome plated with copper screw terminals 1/2" mount hole. 6-12 volt 50 amp.

Part # 9444-11

Switches - Snap-Action



Snap Action Switches

Standard

Current rating is 15A 250VAC, 15A 125VDC & 10A 250VAC, 10A 125VDC (54-411 only).. Contact resistance is 15 Milliohms (15A); 30 Milliohms (10A) (max.) initial. Insulation resistance is 100 Megohms at 500VDC. Dielectric strength is 1000VAC between non-continuous terminals. Temperature rating is -13°F to +176°F (-25°C to +80°C). Electrical life is 100,000 (15A); 300,000 (10A) cycles min. (under rated load) and mechanical life is 50,000,000 cycles min. Terminal type is 1.87" Quick Connect Terminals. Circuitry is SPDT.



Part #	Max. Pre-Travel	Min. Over Travel	Max. Operating Force	Max. Differential	Actuator
54-400	0.13"	0.09"	125g	0.03"	Hinge Roller Lever
54-402	0.13"	0.09"	125g	0.03"	Simulated Roller Lever
54-404	0.06"	0.04"	100g	0.02"	Pin Plunger
54-411	0.05"	0.05"	100g	0.01"	Pin Plunger

Standard

Current rating is 15A 250VAC, 15A 125VDC (54-403) and 10A 250VAC, 10A 125VDC (54-414 & 54-409). Contact resistance is 15 Milliohms (max.) initial. 30 Milliohms (max.) initial for 54-409. Insulation resistance is 100 Megohms at 500VDC. Dielectric strength is 1000VAC between non-continuous terminals. Temperature rating is -13°F to +176°F (-25°C to +80°C). Electrical life is 100,000 cycles min. (under rated load) and 300,000 cycles min. (54-409) (under rated load). Mechanical life is 50,000,000 cycles min. Terminal type is .187" Quick Connect Terminals. Circuitry is SPDT.



Part #	Max. Pre-Travel	Min. Over Travel	Max. Operating Force	Max. Diff.	Actuator
54-403	0.13"	0.09"	125g	0.03"	Hinge Lever
54-409	0.30"	0.13"	35g	0.08"	Long Hinge Lever
54-414	0.13"	0.09"	60g	0.03"	Hinge Lever

Subminiature

Current rating is 10.1A 125/250VAC, 0.4A 125VDC, 0.2A 250VDC. Contact resistance is 30 Milliohms (max.) initial. Insulation resistance is 100 Megohms at 500VDC. Dielectric strength is 1000VAC (50/60Hz for 1 minute). Temperature rating is -13°F to +185°F (-25°C to +85°C) with no icing. Electrical life is 50,000 cycles min. (under rated load) and mechanical life is 10,000,000 cycles min. Terminal type is solder terminals. Circuitry is SPDT.



Part #	Max. Free Position	Min. Over Travel	Max. Operating Force	Max. Diff.	Actuator
54-417	0.535"	0.039"	50g	0.039"	Hinge Lever

Miniature Snap Action Switch with Roller Actuator

Current rating is 15A-125/250V AC, ½ HP, 125/250V AC, 1/2A 125V DC, 1/4A-250VDC. Initial contact resistance is 0.005 ohms (max.). Insulation resistance is 1000 Megohms (min.). Dielectric strength is 1000V RMS. Contact material is silver. Terminal material is brass CDA alloy. Temperature rating is -55°C to 150°C. Electrical life is 350,000 cycles (min.). Mechanical life is 1,000,000 cycles. Terminal type is solder/quick connect. Momentary action.



Part #	Type	Max. Pre-Travel	Min. Over-Travel	Max. Operating Force	Max. Differential
35-848	SPDT	.160"	.065"	80g to 150g	.030"



Heavy Duty Snap Action Switch with Long Lever

Specifications: Current rating is 15A @ 125/250V AC, 1/2A @ 125V DC, 1/4 HP @ 250V DC, 1/8 HP @ 125V AC, 1/4 HP @ 250V AC. Initial contact resistance is 15 meg ohm (max.). Insulation resistance is 500V DC 1000 meg ohm (min.). Dielectric strength is 1000V AC for one minute. Contact material is silver. Terminal material is brass-silver plate. Terminal type is screw.



Part #	Type	Action	Actuator
30-1701	SPDT	Snap action momentary	Long lever

Heavy Duty Snap Action Switch with Long Roller Lever

Specifications: Current rating is 15A @ 125/250V AC, 1/2A @ 125V DC, 1/4 HP @ 250V DC, 1/8 HP @ 125V AC, 1/4 HP @ 250V AC. Initial contact resistance is 15 meg ohm (max.). Insulation resistance is 500V DC 1000 meg ohm (min.). Dielectric strength is 1000V AC for one minute. Contact material is silver. Terminal material is brass-silver plate. Terminal type is screw.



Part #	Type	Action	Actuator
30-1703	SPDT	Snap action momentary	Long roller lever

Heavy Duty Snap Action Switch with Plunger

Specifications: Current rating is 15A @ 125/250V AC, 1/2 @ 125V DC, 1/4 HP @ 250V DC, 1/8 HP @ 125V AC, 1/4 HP @ 250V AC. Initial contact resistance is 15 meg ohm (max.). Insulation resistance is 500V DC 1000 meg ohm (min.). Dielectric strength is 1000V AC for one minute. Contact material is silver. Terminal material is brass-silver plate. Terminal type is screw.



Part #	Type	Action	Actuator
30-1307	SPDT	Snap action momentary	Plunger

Heavy Duty Snap Action with Side Roller Plunger

Specifications: Current rating is 15A @ 125/250V AC, 1/2 @ 125V DC, 1/4 HP @ 250V DC, 1/8 HP @ 125V AC, 1/4 HP @ 250V AC. Initial contact resistance is 15 meg ohm (max.). Insulation resistance is 500V DC 1000 meg ohm (min.). Dielectric strength is 1000V AC for one minute. Contact material is silver. Terminal material is brass-silver plate. Terminal type is screw.



Part #	Type	Action	Actuator
30-1318	SPDT	Snap action momentary	Side roller plunger



Switches - Snap-Action



Miniature Snap Action Push Button Switch (DPDT)

Specifications: Current rating is 1A @ 125V AC, 38V DC. Initial contact resistance is 10 meg ohm (max.), Initial @2-4V DC. Insulation resistance is 1000 meg ohm (min.). Dielectric strength is 1000V RMS @ sea level. Contact material is brass with gold plate over nickel plate. Terminal material is brass-silver plate. Terminal type is solder. Type is SPDT. Action is snap action momentary. Actuator is white nylon.



Part # 30-2750

Momentary Push Button Snap Action Switch

Specifications: Materials: Operating force is 280g (10 oz). Endurance is 10'6 operations. Flame retardancy is UL 94 V2. Actuator is nylon 6.6-V stainless steel. Mounting bracket is nylon 6.6. Contacts are fine silver u gap. Type SPDT. Action is normally open/closed. Actuator is red w/black shroud.



Part # 30-383

Square Snap-In Switch

Specifications: Current rating is 3A @ 125V AC, 1A @ 250V AC. Initial contact resistance is DC 2.5-1A, 20 meg ohm (max.). Insulation resistance is 500V DC 100 meg ohm (min.). Dielectric strength is 1500V AC for one minute. Contact material is brass-silver plate. Terminal material is brass-silver plate. Terminal type is solder. Type is SPST. Action is off, on. Actuator is blue and red nylon.



Part #	Type	Action	Actuator
30-10068	SPST	OFF, (ON)	Blue Nylon
30-10070	SPST	ON, (OFF)	Red Nylon

Standard Size Snap-In Lighted

Body is Nylon 6.6. Actuator transparent is Polycarbonate. Contact gap is u Micro. Contact material is silver alloy. User note: The light bulb incorporated in this switch must be connected to 12 volts AC or DC and NOT to 125 volts. The 125 volt rating applies to switch contacts, not to the light.



Part #	Type	Action	Actuator
30-550	SPST	ON, OFF	Red lens
30-556	SPST	ON, OFF	Amber

Sub-Miniature & Miniature Snap Action Switches

Sub-Miniature with Long Lever

Specifications: Current rating is 5A @ 125V AC, 3A @ 250V AC. Initial contact resistance is under 30 meg ohm. Insulation resistance is 100 meg ohm (min.) at 500VDC. Dielectric strength is 1000V AC 50/60 Hz. Service life is mechanically 30,000,000 electrically 100,000. Terminal type is solder.



Part #	Type	Action	Actuator
30-18222	SPDT	Snap action momentary	Long lever

Sub-Miniature with Pin Plunger

Specifications: Current rating is 5A @ 125V AC, 3A @ 250V AC. Initial contact resistance is 5 meg ohm (max.). Insulation resistance is 500V DC 1000 meg ohm (min.). Dielectric strength is 1000V AC for one minute. Contact material is silver. Terminal material is brass-silver plate. Terminal type is solder.



Part #	Type	Action	Actuator
30-2500	SPDT	Snap action momentary	Pin plunger

Sub-Miniature & Miniature Snap Action Switches (cont.)

Sub-Miniature with Roller Lever

Specifications: Current rating is 5A @ 125V AC, 3A @ 250V AC. Initial contact resistance is 15 meg ohm (max.). Insulation resistance is 500V DC 1000 meg ohm (min.). Dielectric strength is 1000V AC for one minute. Contact material is silver. Terminal material is brass-silver plate. Terminal type is solder.



Part #	Type	Action	Actuator
30-2505	SPDT	Snap action momentary	Roller lever

Sub-Miniature with Short Lever

Specifications: Current rating is 5A @ 125V AC, 3A @ 250V AC. Initial contact resistance is 15 meg ohm (max.). Insulation resistance is 500V DC 1000 meg ohm (min.). Dielectric strength is 1000V AC for one minute. Contact material is silver. Terminal material is brass-silver plate. Terminal type is solder.



Part #	Type	Action	Actuator
30-2501	SPDT	Snap action momentary	Short lever

Miniature Snap Action Push Button Switch

Miniature Snap Action Switch With Lever

Specifications: Current rating is 15A @ 125V/250V AC. Initial contact resistance is 15 meg ohm (max.). Insulation resistance is 500V DC 1000 meg ohm (min.). Dielectric strength is 1000V AC for one minute. Contact material is silver. Terminal material is brass-silver plate. Terminal type is .187" quick connect.



Part #	Type	Action	Actuator
30-2020	SPDT	Snap action momentary	Lever

Miniature Snap Action Switch With Long Lever

Specifications: Current rating is 15A @ 125V/250V AC. Initial contact resistance is 15 meg ohm (max.). Insulation resistance is 500V DC 1000 meg ohm (min.). Dielectric strength is 1000V AC for one minute. Contact material is silver. Terminal material is brass-silver plate. Terminal type is .187" quick connect. *30-18205 rated 10A @ 125V/250VAC with .250" quick connect terminal.



Part #	Type	Action	Actuator
30-18205	SPDT	Snap action momentary	Long lever
30-2040	SPDT	Snap action momentary	Long lever

Miniature Snap Action Switch With Pin Plunger

Specifications: Current rating is 15A @ 125V/250V AC. Initial contact resistance is 15 meg ohm (max.). Insulation resistance is 500V DC 1000 meg ohm (min.). Dielectric strength is 1000V AC for one minute. Contact material is silver. Terminal material is brass-silver plate. Terminal type is .187" quick connect.



Part #	Type	Action	Actuator
30-2000	SPDT	Snap action momentary	Pin plunger

Miniature Snap Action Switch With Roller Lever

Specifications: Current rating is 15A @ 125V/250V AC. Initial contact resistance is 15 meg ohm (max.). Insulation resistance is 500V DC 1000 meg ohm (min.). Dielectric strength is 1000V AC for one minute. Contact material is silver. Terminal material is brass-silver plate. Terminal type is .187" quick connect.



Part #	Type	Action	Actuator
30-2060	SPDT	Snap action momentary	Roller lever



Switches - Snap-Action



Miniature Snap Action Push Button Switch (cont.)

Push Button Switch (DPDT)

Specifications: Current rating is 1A @ 125V AC, 38V DC. Initial contact resistance is 10 meg ohm (max.), Initial @2-4V DC. Insulation resistance is 1000 meg ohm (min.). Dielectric strength is 1000V RMS @ sea level. Contact material is brass with gold plate over nickel plate. Terminal material is brass-silver plate. Terminal type is solder. Mounting hole is 0.250". Note: Nos. 30-2700 and 30-2750 are supplied with red cap; also available black, green and yellow.



Part # 30-2750

Push Button Switch (SPDT)

Specifications: Current rating is 1A @ 125V AC, 38V DC. Initial contact resistance is 10 meg ohm (max.), Initial @2-4V DC. Insulation resistance is 1000 meg ohm (min.). Dielectric strength is 1000V RMS @ sea level. Contact material is brass with gold plate over nickel plate. Terminal material is brass-silver plate. Terminal type is solder. Mounting hole is 0.250".



Part #	Type	Action	Actuator
30-2700	SPDT	Snap action momentary	White nylon

Short Roller Lever

Specifications: Current rating is 15A @ 125V/250V AC. Initial contact resistance is 15 meg ohm (max.). Insulation resistance is 500V DC 1000 meg ohm (min.). Dielectric strength is 1000V AC for one minute. Contact material is silver. Terminal material is brass-silver plate. Terminal type is .187" quick connect.



Part #	Type	Action	Actuator
30-2080	SPDT	Snap action momentary	Short roller lever

Micro Switches

5A @ 125VAC (3A/250V) N/O and N/C contacts. Life is 200,000 operations (full load). Contact resistance is 30m ohm maximum. Insulation resistance is 100M ohm minimum (500VDC). Dielectric strength is 1000VAC for one minute.



Part # 47-300-0

Current rating is 15A @ 125 or 250VAC. Contact resistance is 15m ohm maximum (initial). Insulation resistance is 100M ohm minimum (@ 500VDC). Dielectric strength is 1,000 VAC for one minute. Service life mechanical is 1,000,000 operations. Service life electrical is 100,000 operations (full load). All have .187" fast on terminals and N/O and N/C terminals.



Part #	Description
47-400-0	No actuator
47-402-0	27.5mm actuator
47-403-0	54.1mm actuator
47-406-0	25.9mm roller actuator

Switches - Slide Switches



Slide Switches

Miniature Slide Switch

Specifications: Current Rating: 6A @ 125V AC. Initial Contact Resistance: 5 Meg ohm (max.). Insulation Resistance: 100 Meg ohm (min.). Dielectric Strength: 1000V AC for one minute. Contact Material: Bronze - silver plate. Terminal Material: Copper - silver plate. Terminal Type: solder. Note: Mounting holes tapped for 1 - 72 screws (supplied).



Part #	Type	Action	Actuator
30-9164	DPDT	ON, ON or OFF	Black nylon

Standard Size Slide Switch

Specifications: Current rating is 6A @ 125, 3A @ 250V AC. Initial contact resistance is 30 meg ohm (max.). Insulation resistance is 100 meg ohm (min.). Dielectric strength is 1000V AC for one minute. Contact material is bronze-silver plate. Terminal material is copper-silver plate. Terminal type is printed circuit.



Part #	Type	Action	Actuator
30-9186	DPDT	ON, ON	Black nylon

Standard Size Slide Switch

Specifications: Current rating is 6A @ 125, 3A @ 250V AC. Initial contact resistance is 30 meg ohm (max.). Insulation resistance is 100 meg ohm (min.). Dielectric strength is 1000V AC for one minute. Contact material is bronze-silver plate. Terminal material is copper-silver plate. Terminal type is solder.



Part #	Type	Action	Actuator
30-9182	DPDT	ON, ON	Black nylon

Sub-Miniature Slide Switch

Specifications: Current rating is 3A @ 125V AC. Initial contact resistance is less than 20 meg ohms. Insulation resistance is 100 meg ohms/ DC500V. Withstand voltage is AC500V, 50-60 Hz/one minute. Terminal type is solder. Mounting centers is 0.59". Mounting hole is .23" x .75".



Part #	Type	Action	Actuator
30-9184	SPDT	ON, ON	Black nylon



Switches - Slide Switches



Slide Switches

Current ratings are at 125VAC. Add "-2" to end of part number for package.



Part #	Current	Poles	Switch
46-001-0	.3A	SPDT	on-on
46-009-0	.3A	DPDT	on-on
46-010-0	1A	DPDT	on-on
46-011-0	1A	DPDT	on-off-on

Switches - Rotary Switches



Rotary Switches



Part #	Type	No. Pole	No. Position	Style
30-15100	Non shorting	1	12	Enclosed contact
30-15106	Non shorting	1	6	Enclosed
30-15304	Non shorting	3	4	Enclosed contact
30-15403	Non shorting	4	3	Enclosed contact

Rotary Canopy Switch

Specifications: Current rating is 6A @ 125V AC, 3A @ 250V AC. Initial contact resistance is DC 2.5V-1A, 20 meg ohm (min.). Insulation resistance is 500V DC 100 meg ohm (min.). Dielectric strength is 1500V AC for one minute. Contact material is brass-bright nickel plate. Terminal material 6" 18 AWG 105 C° wire. Terminal type is stripped wire leads. Mounting hole is 0.406".



Part #	Type	Action	Actuator
30-9161	SPST	ON, OFF	Knurled metal



Rotary Canopy Switch (cont.)

Rotary Canopy Switch (Two Circuit)

Specifications: Current rating is 6A @ 125V AC, 3A @ 250V AC. Initial contact resistance is DC 2.5V-1A, 20 meg ohm (min.). Insulation resistance is 500V DC 100 meg ohm (min.). Dielectric strength is 1500V AC for one minute. Contact material is brass-bright nickel plate. Terminal material 6" 18 AWG 105 C° wire. Terminal type is stripped wire leads. Mounting hole is 0.400".



Part #	Type	Action	Actuator
30-9160	Two circuit	3-Way (L-1, L-2, L-1&2, OFF)	Knurled metal

Need Help?



If you would like assistance in determining which switches are correct for your application, our sales representatives will gladly assist you.

Switches - Security Switches



Security Pushbutton Switches

.748" (19mm) Bushing Diameter

Contact ratings 3A 120VAC or 28VDC, 1.5A 250VAC; 1A 120VAC or 28VDC, 0.5A 250VAC (max resistive load). Initial contact resistance is 10 Milliohms (max) at 3V, 0.1A. Insulation resistance is 10,000 Megohms (min.). Dielectric strength is 1000V RMS (min.). Temperature rating is -22°F to 185°F (-30°C to 85°C). Electrical life is 10,000/250,000 cycles min. full load. Mechanical life is 250,000 cycles (min) (54-464), 1,00,000 cycles (min.) (54-465). Terminal type is solder lug. Mounting hole is .756 (19.2).



Part #	Circuitry	Action	Actuator	Terminal
54-464	SPST - NO	OFF - (On)	Curved Nickel/Brass	Epoxy Sealed Solder
54-465	SPST - NO	On - Off (Alt & Mom)	Curved Nickel/Brass	Epoxy Sealed Solder

.629" (16mm) Bushing Diameter

Contact ratings is 100-400 mA 48VDC max. (resistive Id.) Contacts & terminals are silver plated brass. Initial contact resistance is 50 milliohms max. Bushing and actuator are stainless steel. Insulation resistance is 1000 megohms min. at 500 VDC Case is PBT. Dielectric strength is 2000 V rms min. between terminals and frame. Hex. Mounting Nut is nickel plated brass. Electrical life is 50,000 cycles min. at 200 mA 48VDC and mechanical life is 1,000,000 cycles min. Operating temperature range is -20°C to +55°C. Panel thickness is .039" (1mm) to .236" (6mm).



Part #	Circuitry	Action	Actuator	Terminal
54-460	SPST - NO	OFF - (ON)	Curved Stainless Steel	Screw
54-474	SPST - NO	OFF - (ON)	Flat - Nickel/Brass	Screw

Mushroom Head Actuator

Contact ratings is 5 A at 250VAC. Silver/nickel alloy contacts. Initial contact resistance is 100 milliohms max. Nickel plated brass bushing. Insulation resistance is 1000 megohms min. at 500 VDC. Anodized aluminum actuator. Dielectric strength is 2000 V RMS min. between terminals and frame. Case is polyester, glass filled. Electrical life is 1,000,000 cycles min. at 1A 250VAC or 100,000 cycles at full load. Hex. mounting nut is nickel plated brass. Mechanical life is 1,000,000 cycles min. Operating temperature range is -20°C to +55°C. Panel thickness is .039" (1mm) to .236" (6mm).



Part #	Circuitry	Action	Actuator	Terminal
54-469	SPST - NO/NC	On - (Off)	Red Mushroom	Solder
54-470	SPST - NC/NO	On - (Off)	Black Mushroom	Solder

.866" (22mm) Bushing Diameter

Contact ratings is 2 A at 48 VDC max. (resistive load). Contacts & terminals are silver plated brass. Initial contact resistance is 10 milliohms max. at 1 A, 2 V. Bushing and actuator are nickel plated brass. Insulation resistance is 1000 megohms min. at 500 VDC. Case is PBT. Dielectric strength is 2000 V RMS min. between terminals. Hex. mounting nut is nickel plated brass and frame and between terminals. Electrical life is 10,000 cycles min. at full load and mechanical life is 1,000,000 cycles min. Operating temperature range is -20°C to +55°C. Panel thickness is .039" (1mm) to .433" (11mm).



Part #	Circuitry	Action	Actuator	Terminal
54-461	SPST - NO	OFF - (ON)	Curved Nickel/Brass	Screw
54-462	SPST - NO	OFF - (ON)	Curved Nickel/Brass	Solder/QC
54-463	SPST - NO	OFF - (ON)	Flat - Nickel/Brass	Screw

Security Pushbutton Switches (cont.)

Security Pushbutton Switches with Large Actuator

Contact ratings is 5 A at 250VAC. Contacts are silver/nickel alloy. Initial contact resistance is 100 milliohms max. Bushing and actuator are stainless steel. Insulation resistance is 1000 megohms min. at 500 VDC. Case is polyester, glass filled. Dielectric strength is 2000 V rms min. between terminals and frame. Hex. mounting nut is nickel plated brass. Electrical life is 1,000,000 cycles min. at 1A 250VAC or 100,000 cycles at full load and mechanical life is 3,000,000 cycles min. Operating temperature range is -20°C to +55°C. Panel thickness is .039" (1mm) to .236" (6mm).



Part #	Circuitry	Action	Actuator	Terminal
54-466	SPST - NO/NC	On - (Off)	Flat Stainless Steel	Solder
54-468	SPST - NO/NC	On - (Off)	Curved Stainless Steel	Solder

.748" (19mm) Bushing Diameter - With Combined NO/NC Mom

Contact ratings is max. resistive load: 6 A 125 VAC. Contacts are coin silver for UL 3 A 250 VAC or 7 A 30 VDC. Bushing and actuator are nickel plated brass. Initial contact resistance is 20 Milliohms min & max. at 3 VDC, 0.1 A. Case is Diallyl Phthalate. Insulation resistance is 200,000 megohms minimum. Hex. mounting nut is nickel plated brass between terminals & case ground. Dielectric strength is 1500 V RMS min. between terminals and case ground. Electrical life is 60,000 cycles min. Operating temperature range is -30°C to +85°C.



Part #	Circuitry	Action	Actuator	Terminal
54-471	SPDT - NO/NC	Combined NO/NC mom	Curved Nickel/Brass	Solder

.748" (19mm) Bushing Diameter

Contact ratings is 2 A at 48 VDC max. (resistive load). Silver plated brass contacts & terminals. Initial contact resistance is 10 milliohms max. at 1 A, 2 V. Nickel plated brass bushing & actuator. Insulation resistance is 1000 megohms min. at 500 VDC. Case is PBT. Dielectric strength is 2000 V rms min. between terminals. Nickel plated brass hex. mounting nut and frame and between terminals. Electrical life is 10,000 cycles min. at full load and mechanical life is 1,000,000 cycles min. Operating temperature range is -20°C to +55°C. Panel thickness is .039" (1mm) to .433" (11mm).



Part #	Circuitry	Action	Actuator	Terminal
54-375	SPST - NO	OFF - (ON)	Curved - Nickel/Brass	Screw
54-376	SPST - NO	OFF - (ON)	Flat - Nickel/Brass	Screw

Snap-Action Security Pushbutton Switches

Contact ratings is 50 mA 24 VDC max. (resistive load). Gold plated dome contacts. Initial contact resistance is 100 milliohms max. Gold plated brass terminals. Insulation resistance is 1000 megohms min. at 500 VDC. Nickel plated brass bushing and actuator. Dielectric strength is 500 V rms min. between terminals. Case is PBT. 2000 V rms between terminals and bushing Hex. mounting nut is nickel plated brass. Electrical life is 1,000,000 cycles at full load and mechanical life is 100,000 cycles at 0.3 A 24V. Operating force is 7 N ±2 N and operating temperature range is -30°C to +70°C. Panel thickness is .039" (1mm) to .433" (11mm).

Part #	Circuitry	Action	Actuator	Terminal
54-472	SPDT - NO	OFF - (ON)	Curved Nickel/Brass	Solder
54-473	SPDT - NO	OFF - (ON)	Flat - Nickel/Brass	Solder



Switches - Security Switches



Rotary Switch Keylock/Dip/Circuit Breakers

Keylock Switch-4 Tumbler -3 Position with Detent.

Specifications: Current Rating: 4A-125V AC, 2A-250V AC, 4A-28VDC. Initial Contact Resistance: 10(9) Ohms. Insulation Resistance: 10 milliohms. Dielectric Strength: 1000V RMS. Contact Material: Copper-Silver plated. Terminal Material: Copper-Silver plated. Electrical Life: 10,000 cycles. Connected Terminals: Position 1: 8-1; Position 2: 1-2. Terminal Type: Solder. Mounting Hole: 0.760" x 0.640". Hardware: Mounting Hex nut 2 keys.



Part #	Type	Action	Actuator
35-3197	DPDT	ON-ON-ON Remove Key in Position 1	Metal Key

Keylock Switch-4 Tumbler -3 Position-with Detent

Specifications Current Rating: 4A-125V AC, 2A-250V AC, 4A-28V DC. Contact Resistance: 10 Milliohms @ 2-4 VDC. Insulation Resistance: 10(9) Ohms. Dielectric Strength: 1000V RMS. Contact Material: Copper-Silver plated. Terminal Material: Copper-Silver plated. Electrical Life: 10,000 cycles. Connected Terminals: Position 1: 1-8; Position 2: 1-2. Terminal Type: 6" Wire Leads. Indexing: 45. Mounting Hole: 0.760" x 0.640". Hardware: Mounting Hex nut, 2 keys.



Part #	Type	Action	Actuator
35-3195	SPDT	ON-(ON) Remove Key in Position 1	Metal Key



Key Switch

Specifications: Current rating is 4A @ 125V AC, 2A @ 250V AC. Initial contact resistance is 10 meg ohm (max.). Insulation resistance is 500V DC 100 meg ohm (min.). Dielectric strength is 1500V AC for one minute. Contact material is brass-silver plate. Terminal type is screw. Type is SPST. Key pull is ON or OFF position. Actuator is barrel key.



Part # 30-10078



Specialty Switches

N.O/N.C. Magnetic Reed Switch

Specifications: Current rating is 0.5A @ 20V DC, 10 watts (max.). Voltage rating is 120V AC (max.) @ 0.08A, 80V DC (max.) @ 0.1A. Contact material is iron alloy-gold plate. Terminal material is plated steel. Terminal type is screw.



Part #	Type	Action	Actuator
30-10072	SPDT	Normally open without magnet, Normally closed without magnet	Magnet

Open Reed Switch

Specifications: Current rating is 1A @ 200VDC. Power rating is 10W. Breakdown voltage is 350V DC. Operating time (MS) is 0.8. Contact material is Rhodium. Pull-in range (AT) is 9-60. Terminal type is leads. Sizes: Glass length is 19.5mm; Overall length is 52mm.

Part #	Type	Action	Actuator
30-17152	SPST	ON, OFF	Magnet



Magnetic Switches

Magnetic reed switch for security alarms. Has normally open and normally closed switch contacts. Screw terminals. 12VC @ 500ma.



Part # 47-600-0

Key Switches

SPST Key removable in either position. 4A @ 125VAC.



Part #	Description
47-282-0	Bulk assorted keys
47-282-1	Pkg assorted keys
47-282K-0	Bulk same key
47-282-KEY	Blank Key

Switches - Misc.



Specialty Switches

Pull Chain Switch

Specifications: Current Rating: 3A-250V AC, 6A-125V AC. Dielectric Strength: 1000V RMS. Contact Material: Copper Alloy. Terminal Material: Copper. Temperature Rating: not to exceed 54°F. Electrical Life: UL tested 6000 cycles (min.). Terminal Type: Push-In. Mounting Hole: 0.375". Hardware: Large brass Knurl nut, Brass chain and 3' extension string.

Part #	Type	Action	Actuator
35-865	Rotary	Two Circuit Three Position OFF-ON-ON	3-3/4" Pull Chain

Reed Switches

Specifications: Current Rating: 0.5A (max.) @ 20V AC/DC, 10 Watts (max.) Voltage Rating: 120V AC (max.) @ 0.08A 80V DC (max.) @ 0.1A Contact Material: Gold Plated Iron Alloy. Terminal Material: Plated Steel. Terminal Type: Screw. Mounting Hole: 0.136" (1.970" Centers).

Part #	Type	Action	Actuator
35-756	SPDT	Normally Open without Magnet or Normally Closed without Magnet	Magnet



Mercury Tilt Switch

Specifications: Current rating is 1A @ 250V AC. Tilt angle is 12°. Contact material is iron alloy/mercury. Terminal material is copper wire. Terminal type is wire leads.



Part #	Type	Action	Actuator
30-10074	SPST	Normally open or closed. Dependent upon tilt angle.	Iron alloy/Mercury

Non Mercury Tilt Switch

Specifications: Current rating is .5A @ 24V AC. Tilt angle is 15°. Terminal type is .35" leads. Normally open or closed. Dependent upon tilt angle. Type SPST.



Part # 30-17072



Switches - Misc.



Tactile Switches

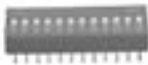
Specifications: Current rating is 50mA @ 125VDC. Initial contact resistance is 100 meg ohm (max.). Insulation resistance is 100 meg ohm (min.) @ 500 VDC. Dielectric strength is 250V AC/one minute. Contact material is phosphor bronze with silver cladding. Terminal material is brass with silver cladding. *30-14418 is right angle. Note: () = Momentary.



Part #	Housing	Type	Action	Terminal
30-14411	6 x 6mm - 1.3mm H.	SPST	OFF, (ON)	Through hole mt.
30-14414	6 x 6mm - 3.8mm H.	SPST	OFF, (ON)	Through hole mt.
30-14416	12 x 12mm - 4.3mm H.	SPST	OFF, (ON)	Surface mt.

Dip Switches

Specifications: Contact rating is 50V DC 100mA @ steady situation, 24V DC 25mA @ make or break. Initial contact resistance is 100mA, 30 meg ohm @ initial 100mA, 100 meg ohm after life test. Insulation resistance is 500V DC 100 meg ohm (min.) between adjacent terminals. Dielectric strength is 500V AC for one minute between adjacent terminals. Operation life is 5,000 make-break cycles each circuit @ test speed of 72 cycles/min. Operation force is 500g max. Shock is withstand of 20g 11ms sawtooth waveform with no contact opening 10ms (microseconds). Vibration is no mechanical damage or intermittent change of setting during or after test. Case and cover material is UL 94-O polybutylene terephthalate. Top seal material is polyester film. Potting material is epoxy. Contact material is nickel, phosphor bronze with gold plate. Terminal material is nickel, phosphor bronze with gold plate. Terminal type is solder.



Part #	Position	Dim. Inches (mm)
30-1002	2	.260 (6.6)
30-1006	6	.660 (16.76)
30-1008	8	.860 (21.84)
30-1010	10	1.06 (26.92)
30-1012	12	1.26 (32)

Appliance and Specialty Switches

Specifications: Current rating is 3A @ 125V AC for devices up to 150 watts. Contact material is nickel plated brass. Terminal material is brass. Terminal type is 120V plug and jack.



AC Plug-In Dimmer Switch

Part #	Type	Action	Actuator
30-10194	SPST	ON, OFF	Round plastic knob

Corded Inline Dimmer Switch

Specifications: Current Rating: 3A @ 125V AC. Initial Contact Resistance: DC 2.5V - 1A, 20 Meg ohm (min.). Insulation Resistance: 500V DC 100 Meg ohm (min.). Dielectric Strength: 1500V AC for one minute. Contact Material: Brass. Terminal Material: UL SPT-1 18AWG 2 cond. wire, stripped. Terminal Type: 120V AC plug/stripped ends.



Part #	Type	Action	Actuator
30-10192	SPST	ON, OFF	Roller ball

Feed Thru Cord Switch

Specifications: Current Rating: 6A @ 125V AC, 3A @ 250V AC. Initial Contact Resistance: DC 2.5V - 1A, 20 Meg ohm (min.). Insulation Resistance: 500V DC 100 Meg ohm (min.). Dielectric Strength: 1500V AC for one minute. Contact Material: Brass. Terminal Material: Spring brass. Terminal Type: Insulation piercing.



Part #	Type	Action	Actuator
30-10098	SPST	ON, OFF	Round plastic dial



DPDT Knife Switch

This knife switch is a great hobbyist item. It is designed for low voltages and low current applications. The switch is constructed of ABS plastic with nickel plated screws. Current: 50V AC @ 300 ma., 6V DC @ 500 ma. Dimensions: 43mm wide x 60mm long. Mounting centers are 44mm.



Part # 30-9730

Designer Tactile Switch Kit

This assortment of switches is for the repair person, designer, or student who needs a variety of switches for different applications. Philmore has included two (2) each of our most popular sizes for a total of ten switches. We have included both SMD (surface mount devices) switches and through hole types.

Part #	Kit Contents
30-14410	30-14411, 30-14412, 30-14418, 30-14414, 30-14415

Appliance Switches

Pull Chain Switch

Specifications: Current rating is 6A @ 125V AC, 3A @ 250V AC. Initial contact resistance is DC 2.5V-1A, 20 meg ohm (min.). Insulation resistance is 500V DC 100 meg ohm (min.). Dielectric strength is 1500V AC for one minute. Contact material is brass-bright nickel plate. Terminal material 6" 18 AWG 105 C° wire. Terminal type is stripped wire leads. Note: Rope chain (No. 9157PCB) must be ordered separately. Mounting hole is 0.406".



Part #	Type	Action	Actuator
30-9157	SPST	ON, OFF	Pull Chain

Pull Chain Switch (Two Circuit)

Specifications: Current rating is 6A @ 125V AC, 3A @ 250V AC. Initial contact resistance is DC 2.5V-1A, 20 meg ohm (min.). Insulation resistance is 500V DC 100 meg ohm (min.). Dielectric strength is 1500V AC for one minute. Contact material is brass-bright nickel plate. Terminal material 6" 18 AWG 105 C° wire. Terminal type is stripped wire leads. Mounting hole is 0.406".



Part #	Type	Action	Actuator
30-9158	Two circuit	3-Way (L-1, L-2, L-1&2, OFF)	Pull Chain



Foot Switches

Cast aluminum base and guard. cUL approved. 15Amps@250VAC. 1 N/C and 1 N/O. Cable gland included.

Part #	Description
47-620-0	Aluminum Base and Guard/Aluminum Guard Switch
47-621-0	Plastic Base/ ABS plastic guard

Actuators (Lighted)

Ambient temperature is: -20°C ~ 60°C. Contact resistance is 50m ohms max. Dielectric life is 2500V AC 1 min. (between live and dead parts). Full voltage units: 1000V AC 1 min. Electric life is 500,000 operating frequency 30 operations/min Duty rate 40%.

Lighted momentary contact flush button available in red and green.

Part #	Description
44-720R-0	Red
44-720G-0	Green



Switches - Misc.



**Actuators (Lighted)
(cont.)**

Lighted momentary contact 36mm large button actuator available with separate red, green and yellow 36mm caps.

Part #	Description
44-714-0	Actuator Only
44-714R(G)(Y)-0	Caps

Lighted alternate action 36mm large button actuator available with separate red and green caps.

Part #	Description
44-727-0	Actuator Only
44-727R(G)-0	Caps

**Actuators (Lighted)
(cont.)**

Lighted momentary contact raised button actuator with separate red, green and yellow caps. Waterproof.

Part #	Description
44-721-0	Actuator Only
44-721R(G)(Y)-0	Caps

Lighted alternate action flush button actuator (available in red with white circle only).

Part # 44-725R-0

NOTES

