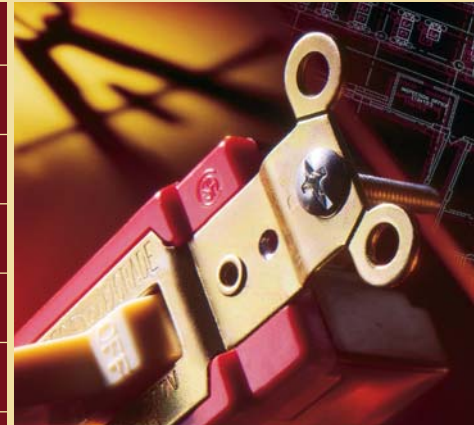


Switches

D

Industrial Specification Grade Switches	D-1 – D-8
Commercial Specification Grade Switches	D-9 – D-11
Standard Grade Switches	D-12, D-13
Commercial Combination Devices	D-14, D-15
AC-DC Combination Devices	D-16
Canopy Switches	D-17, D-18
Appliance Switches	D-19
Special Use AC Switches	D-20



Working with the finest materials available, Cooper Wiring Devices builds quality into every switch we manufacture. Our comprehensive line of switches is engineered for smooth action and years of safe, dependable service. Every one of our switches is thoroughly tested to ensure its electrical and mechanical performance, and dielectric integrity. And because a major focus is always the installer, our switches are designed with a host of features that save time, labor, and money.

Whether the need is residential, commercial, industrial, or OEM, Cooper Wiring Devices can provide a switch to satisfy your most demanding expectations.



Switches

Cooper Wiring Devices switches are designed and engineered of the finest materials to assure long-term safety and reliability. These smooth-acting, easy-to-install and attractively finished devices are available in a wide range of ratings and styles. For all your commercial, institutional, industrial or residential installations, you'll find the switch design in the grade you need on the following pages.

Each Cooper Wiring Devices switch is tested at the point of manufacture and re-tested for electrical and mechanical performance as well as dielectric safety before it is packed.

Our switches meet (and in nearly all instances, exceed) all of the latest test requirements of Underwriters' Laboratories (UL), Canadian Standards Association (CSA), National Electrical Manufacturers Association (NEMA) and the U.S. General Services Administration's (GSA) Federal Specifications as noted throughout this section.

Industrial Specification Grade Switches

Cooper's Industrial Specification Grade switches incorporate the most durable design elements in the industry. This complete line features superior engineering and performance as well as outstanding appearance and ease of installation. Made to provide the safest, most dependable wiring device performance available, Industrial Specification Grade toggle switches are horsepower rated for motor loads and are also available in standard key, Corbin key lock, tap-action and several lighted/pilot-lighted versions for any number of other heavy-duty special applications.

Commercial Specification Grade Switches

Cooper's Commercial Specification Grade switches are designed to fill the need for high quality, moderately priced specification devices. Engineered to deliver safe, reliable performance in all types of commercial applications, Cooper Wiring Devices Commercial Specification Grade switches meet Federal Specification WS-896.

Standard Grade Switches

Cooper Wiring Devices' Standard Grade switches are the industry's finest toggle switches for use in residential and light commercial applications. Unique features such as longer, wider mounting straps, built-in wire strippers and wire looping aids make these switches fast and easy to install.

Specialty Switches

Cooper Wiring Devices' specialty switches offer a broad range of special applications for new or replacement needs. The line includes CO/ALR switches for use on aluminum wiring, snap-in appliance switches and canopy switches.

Cooper Wiring Devices' switches are Underwriters' Laboratories (UL) Listed (except where noted). Many are also CSA certified or available as CSA certified. Please consult Cooper Wiring Devices Customer Service for availability. Cooper's extensive Decorator switches line can be found in Section "B".

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D-Intro-1
SWITCHES

Features and Benefits

Standard Grade 1301 Series

Built-in wire stripper provides handy backup for misplaced tools.



Ultrasonic welding and unbreakable thermoplastic top and bottom housing eliminate call-backs due to job-site breakage.

Cam action mechanism for quiet switch action.

Built-in wire looper to speed termination of both #14 and #12 wire.

Combination slot/Phillips head mounting and terminal screws.

Longer, wider strap provides 40% more contact area to wallboard. Virtually eliminates floating installations.

Industrial Specification Grade 1201 Series

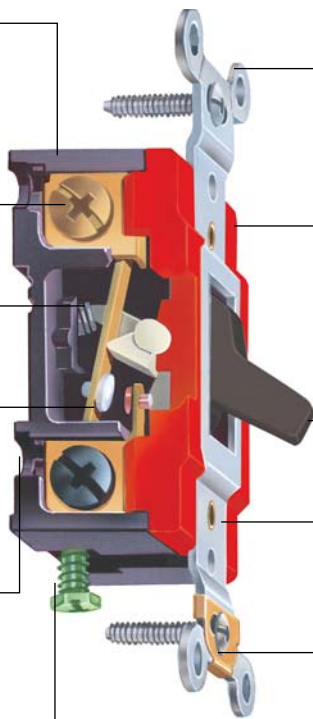
Thick wall thermoset top and bottom housings provide superior switch component protection and excellent arc resistance.

Combination head terminal and mounting screws.

Thick steel actuating spring ensures fast make, slow break.

Strong copper alloy terminal contact arms hold highly conductive, erosion-resistant, oversized silver alloy contacts.

Dual back wire holes for maximum feed-thru wiring flexibility – up to #10 AWG solid or stranded.



Thick 0.050" (1.27mm) plated steel strap withstands abuse.

Color-coded for quick amperage identification.

Large thermoset toggle resists wear, won't cold flow.

Heavy gauge steel mounting strap, zinc-plated for corrosion resistance.

Easy access grounding terminal.

Automatic grounding eliminates need for bonding jumper in grounded metal enclosure.



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D-Intro-2
SWITCHES



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D-Intro-3 SWITCHES

Switch Applications

The maximum permitted load for which a switch is suitable depends on the switch rating and the nature of the load. Proper selection of switches is determined by test standards and requirements of the National Electrical Code, Articles 380, 430, and 600.

General use AC switches are suitable for use at full rated current and voltage on loads of fluorescent and incandescent lighting and for other inductive or resistance loads. Our switches are rated for motor loads and are suitable for 80% of their rated current.

General use AC-DC switches are suitable for use at full rated current and voltage on resistance loads and at 50% of rated current on inductive (fluorescent) loads. However, they are not suitable for incandescent lighting or motor loads unless specifically marked for such applications.

Special use AC switches may be used at full rating on resistance or inductive loads, including fluorescent. For incandescent (tungsten) lighting loads, they must carry an "L" rating. For motor loads they require an "HP" (horsepower) rating.

Special use AC-DC switches are suitable for use at full rating on resistance loads only. They must be derated for inductive loads, including fluorescent. For incandescent lighting applications, they require a "T" (tungsten) rating and for motor loads they must have an "HP" (horsepower) rating.

To ensure safety and reliability, Cooper Wiring Devices switches are tested, rated, and marked according to various standards. The following charts indicate both the required performance tests specified by industry standards for switches with standard ratings, and the loads they may control.

Switch Applications



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D-Intro-4
SWITCHES

Test Requirements – Switches * General Use – AC Only

Rating	Standard*	Overload				Endurance		Resistance	Inductive	Tungsten
		Amps	Volts	Power Factor	Cycles	Amps	Volts	Cycles 1.0 pf.†	Cycles .75 to .8 pf.†	Cycles 1.0 pf.†
15A, 120V/AC	UL 20 & NEMA G.D.	72	120 AC	.4 to .5	100	15	120 AC	10,000	10,000	10,000
	WS 896 & NEMA H.D.	72	120 AC	.4 to .5	100	15	120 AC	10,000	50,000	50,000
15A, 120-277V/AC	UL 20 & NEMA G.D.	72	277 AC	.4 to .5	100	15	120 AC	—	—	10,000
							277 AC	10,000	10,000	—
	WS 896 & NEMA H.D.	72	277 AC	.4 to .5	100	15	120 AC	—	—	50,000
							277 AC	10,000	50,000	—
20A, 120-277V/AC	UL 20 & NEMA G.D.	96	277 AC	.4 to .5	100	20	120 AC	—	—	10,000
							277 AC	10,000	10,000	—
	WS 896 & NEMA H.D.	96	277 AC	.4 to .5	100	20	120 AC	—	—	50,000
							277 AC	10,000	50,000	—
30A, 120-277V/AC	UL 20 & NEMA G.D.	144	277 AC	.4 to .5	100	30	120 AC	—	—	10,000
							277 AC	10,000	10,000	—
	WS 896 & NEMA H.D.	144	277 AC	.4 to .5	100	30	120 AC	—	—	50,000
							277 AC	10,000	50,000	—

* NEMA G.D. is NEMA Standard WD-1 General Duty. NEMA H.D. is NEMA Standard WD-1 Heavy Duty. WS896 is current Federal Specification.

General Use Switches are subject also to a 1 minute 1500V dielectric test and a temperature rise test of a maximum 30°C rise at highest rated current.

† Power Factor

Test Requirements – Switches – General Use – AC-DC

Rating	Standard	Overload Resistance			Endurance Resistance			Tungsten		
		Amps	Volts	Cycles	Amps	Volts	Cycles	Amps	Volts	Cycles
6A, 125V 3A, 250V	UL 20	4.5	250 DC	50	3.0	250 DC	6000	—	—	—
10A, 125V 5A, 250V	UL 20	7.5	250 DC	50	5.0	250 DC	6000	—	—	—
6A, 125V“T” 3A, 250V	UL 20	4.5	250 DC	50	3.0	250 DC	6000	6.0	125 DC	6000
10A, 125V“T” 5A, 250V	UL 20	7.5	250 DC	50	5.0	250 DC	6000	10.0	125 DC	6000

Switch Applications

Test Requirements – Switches – Special Use – AC Only

Rating	Standard	Overload				Endurance				Horsepower				"L" Tungsten		
		Amps	Volts	Power Factor	Cycles	Amps	Volts	Power Factor	Cycles	Amps	Volts	Power Factor	Cycles	Amps	Volts	Cycles
8A, 120V/AC	UL 1054	12	120 AC	.4-.5	50	8	120 AC	.75-.8	6000	—	—	—	—	—	—	—
15A, 120V/AC 10A, 240V/AC 3/4 HP, 120-240V/AC	UL 1054	15	240 AC	.4-.5	50	10	240 AC	.75-.8	6000	82.8	120 AC	.4-.5	50	—	—	—
										41.4	240 AC	.4-.5	50	—	—	—
15A, 125-250V/AC 3/4 HP, 120-240V/AC	UL 1054	22.5	250 AC	.4-.5	50	15	250 AC	.75-.8	6000	82.8	120 AC	.4-.5	50	—	—	—
										41.4	240 AC	.4-.5	50	—	—	—
20A, 125V/AC "L" 20A, 250V/AC 1 HP, 120-240V/AC	UL 1054	30	250 AC	.4-.5	50	20	250 AC	.75-.8	6000	96	120 AC	.4-.5	50	20	125 AC	6000
										48	240 AC	.4-.5	50			

Test Requirements – Switches – Special Use – AC-DC

Rating	Standard	Overload Resistance			Endurance Resistance			Tungsten		
		Amps	Volts	Cycles	Amps	Volts	Cycles	Amps	Volts	Cycles
AC-DC 3A, 125V 1A, 125V "T" 1A, 250V	UL 1054	1.5	250 DC	50	1.0	250 DC	6000	1.0	125 DC	6000
3A, 125V "T" 1A, 250V	UL 1054	1.5	250 DC	50	1.0	250 DC	6000	3.0	125 DC	6000
6A, 125V 3A, 250V	UL 1054	4.5	250 DC	50	3.0	250 DC	6000	—	—	—
6A, 125V 3A, 125V "T" 3A, 250V	UL 1054	4.5	250 DC	50	3.0	250 DC	6000	3.0	125 DC	6000

Maximum Loads – Switches – General Use – AC Only

Switch Rating	Incandescent		Inductive (Fluorescent)		Resistance		Motors		
	Volts	Amps	Volts	Amps	Volts	Amps	Volts	HP	Amps
15A, 120V/AC	120 AC	15	120 AC	15	120 AC	15	120 AC	1/2	12
20A, 120V/AC	120 AC	20	120 AC	20	120 AC	20	120 AC	1	16
15A, 120-277V/AC	120 AC	15	277 AC	15	277 AC	15	120 AC	1/2	12
							240 AC	1	12
20A, 120-277V/AC	120 AC	20	277 AC	20	277 AC	20	120 AC	1	16
							240 AC	2	16
30A, 120-277V/AC	120 AC	30	277 AC	30	277 AC	30	120 AC	2	24
							240 AC	2	24

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SWITCHES

Switch Applications

Maximum Loads – Switches – General Use – AC-DC

Switch Rating	Incandescent		Inductive (Fluorescent)		Resistance		Motors		
	Volts	Amps	Volts	Amps	Volts	Amps	Volts	HP	Amps
6A, 125V 3A, 250V	Not suitable		125	3	125	6	Not suitable		
			250	1.5	250	3			
10A, 125V 5A, 250V	Not suitable		125	5	125	10	Not suitable		
			250	2.5	250	5			
6A, 125V“T” 3A, 250V	125	6	125	3	125	6	Not suitable		
			250	1.5	250	3			
10A, 125V“T” 5A, 250V	125	10	125	5	125	10	Not suitable		
			250	2.5	250	5			

Maximum Loads – Switches – Special Use – AC Only

Switch Rating	Incandescent		Inductive (Fluorescent)		Resistance		Motors		
	Volts	Amps	Volts	Amps	Volts	Amps	Volts	HP	Amps
8A 120V/AC 15A 120V/AC	Not suitable		120 AC	8	120 AC	8	Not suitable		
			120 AC	15	120 AC	15			
10A 240V/AC 3/4HP 120-240V/AC	Not suitable		240 AC	10	240 AC	10	240V AC	3/4	12
			250 AC	15	250 AC	15	240V AC	3/4	12
20A 125V/AC“L” 20A 250V/AC 1HP 120-240V/AC	125 AC	20	250 AC	20	250 AC	20	240V AC	1	12

Maximum Loads – Switches – Special Use – AC-DC

Switch Rating	Incandescent		Inductive (Fluorescent)		Resistance		Motors		
	Volts	Amps	Volts	Amps	Volts	Amps	Volts	HP	Amps
3A 125V 1A 125V“T” 1A 250V	125	1	125	1.5	125	3	Not suitable		
			250	0.1	250	1			
3A 125V“T” 1A 250V	125	3	125	1.5	125	3	Not suitable		
			250	0.1	250	1			
6A 125V 3A 250V	Not suitable		125	3	125	6	Not suitable		
			250	1.5	250	3			
6A 125V 3A 125V“T” 3A 250V	125	3	125	3	125	6	Not suitable		
			250	1.5	250	3			



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SWITCHES



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D-1 SWITCHES

TESTING & CODE COMPLIANCE

- UL 20 Listed (file no. 18704), meets Federal Spec. WS-896.
- CSA (file no. 10016 (6421-05)). Meets all CSA requirements, C22.2 no. 111, except as noted.
- NOM Certified, except as noted.

MATERIALS CHARACTERISTICS

Temperature Rating:
-40°C to 65°C.



Industrial Specification Grade Switches

15, 20, 30A 120/277V/AC
Grounding
15A 120/277/347V/AC

AC Quiet Switches

FEATURES

- Industrial design cam action mechanism insures quiet switch action.
- Color-coded faces identify amperage: blue=15 amp, red=20 amp, green=30 amp.
- Automatic grounding system eliminates need for bonding jumper in grounded metal enclosure.
- Tapered lead-in slots on back wiring holes assist in gathering stranded wires for faster, more secure connections.
- Back and side wire terminals accept up to #10 solid or stranded wire.
- Ground screw terminal standard.
- 0.050" (1.27mm) thick steel mounting strap zinc-plated for corrosion resistance.
- 120/277V/AC rating ideal for fluorescent lighting fixtures typical in commercial applications.
- Combination slot/Robertson head mounting and terminal screws ease installation.

Back and Side Wire

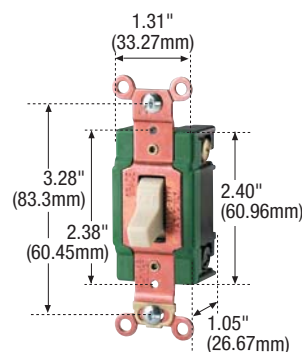
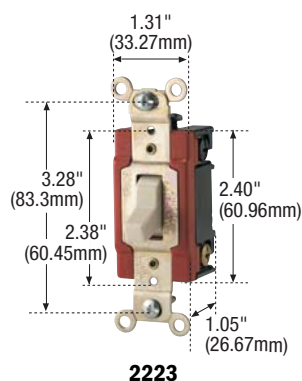
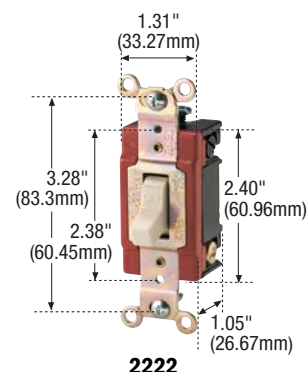
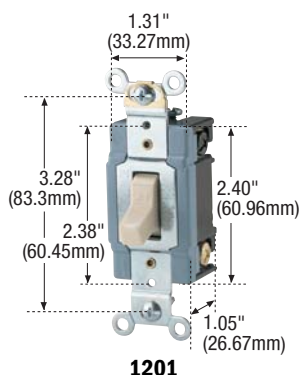
Rating A	V/AC	Color	Catalog No.			
			Single-Pole	Double-Pole	3-Way	4-Way
15	120/277	Brown	1201B	1202B	1203B	1204B
		Gray	1201GY	1202GY	1203GY	1204GY
		Ivory	1201V	1202V	1203V	1204V
		Red	1201RD	—	1203RD	—
		White	1201W	1202W	1203W	1204W
20	120/277	Brown	2221B	2222B	2223B	2224B
		Gray	2221GY	2222GY	2223GY	2224GY
		Ivory	2221V	2222V	2223V	2224V
		Red	2221RD	2222RD	2223RD	2224RD
		White	2221W	2222W	2223W	2224W
30	120/277	Brown	3031B	3032B	3033B*	3034B*
		Ivory	3031V	3032V	3033V*	3034V*
		Red	3031RD	3032RD	3033RD*	3034RD*
		White	3031W	3032W	3033W*	3034W*

* Not CSA approved or NOM certified

Notes: · AC switches are not recommended for use on Master or Emergency Power Systems.
· AC switches can be used on HP applications as permitted by NEC® paragraphs 430.83 and 430.109.

Horsepower Rated for Motor Loads per UL 20

	120V/AC	240V/AC	Max Amps
15A	1/2 HP	2 HP	12A
20A	1 HP	2 HP	16A
30A	2HP	2HP	24A



Industrial Specification Grade Switches

Grounding
15, 20A/347V/AC



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D-2 SWITCHES

TESTING & CODE COMPLIANCE

· cUL Certified to
C22.2 no. 111
(file no. E12339)
· NOM Certified,
except as noted.

MATERIALS CHARACTERISTICS

Temperature Rating:
-40°C to 80°C.

AC Quiet Switches – Canadian Version

FEATURES

- Industrial design cam action mechanism insures quiet switch action.
- Automatic grounding system eliminates need for bonding jumper in grounded metal enclosure.
- Tapered lead-in slots on back wiring holes assist in gathering stranded wires for faster, more secure connections.
- Back and side wire terminals accept up to #10 solid or stranded wire.
- Ground screw terminal standard.
- 0.050" (1.27mm) thick steel mounting strap zinc-plated for corrosion resistance.
- Combination slot/Robertson head mounting and terminal screws ease installation.

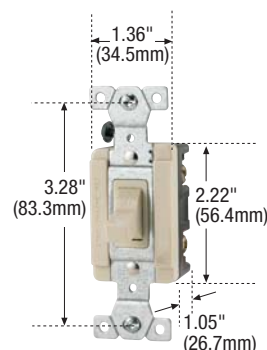
Back and Side Wire

Rating		Color	Catalog No.			
A	V/AC		Single-Pole	Double-Pole	3-Way	4-Way
15	347	Brown	18201B	18202B	18203B	18204B
		Ivory	18201V	18202V	18203V	18204V
		White	18201W	—	18203W	—
20	347	Brown	18221B	18222B	18223B	18224B
		Ivory	18221V	18222V	18223V	18224V

Notes: · AC switches are not recommended for use on Master or Emergency Power Systems.
· AC switches can be used on HP applications as permitted by NEC® paragraphs 430.83 and 430.109.

Horsepower Rated for Motor Loads per UL 20

	120V/AC	240V/AC	Max Amps
15A	1/2 HP	2 HP	12A
20A	1 HP	2 HP	16A
30A	2HP	2HP	24A



18201



Industrial Specification Grade Switches

**15, 20, 30A
120/277V/AC
Grounding**

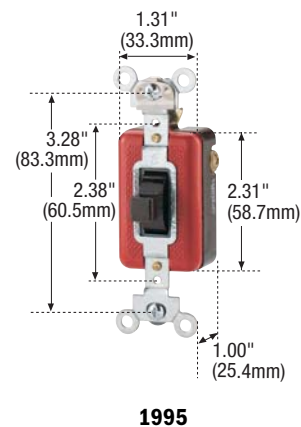
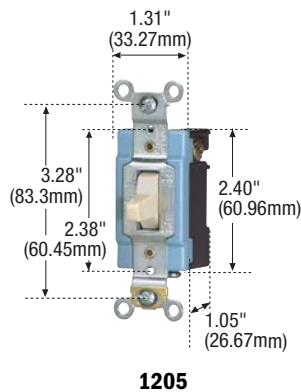
AC Quiet Three-Position Switches

FEATURES

- Industrial design cam action mechanism insures quiet switch action.
- Maintained and momentary contact switches establish circuit contact in either up or down "on" positions; center position "off."
- Color-coded faces identify amperage: blue=15 amp, red=20 amp, green=30 amp.
- Automatic grounding system eliminates need for bonding jumper in grounded metal enclosure.
- Back and side wire terminals accept up to #10 solid or stranded wire.
- Ground screw terminal standard.
- 0.050" (1.27mm) thick steel mounting strap zinc-plated for corrosion resistance.
- 120/277V/AC rating ideal for fluorescent lighting fixtures typical in commercial applications.
- Combination slot/Phillips head mounting and terminal screws ease installation (slot/Robertson screws in Canada where available).

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D-3 SWITCHES



TESTING & CODE COMPLIANCE

- UL 20 Listed (file no. E18704).
- CSA (file no. 10016 (6241-05)).
- Meets all CSA requirements, C22.2 no. 111
- NOM Certified, unless otherwise noted.

MATERIAL CHARACTERISTICS

Temperature Rating:
-40°C to 65°C.

Momentary and Maintained Contact, Three Position, Center Off – Back and Side Wire

Rating A	V/AC	Description	Color	Catalog No.	
				Single-Pole	Double-Pole
15	120/277	Maintained	Ivory	1205V	—
15	120/277	Momentary	Brown	1895B	—
			Gray	1895GY	—
			Ivory	1895V	—
15	120/277	Momentary – Locking	Nickel	1895L	—
20	120/277	Maintained	Brown	—	2226B**
			Ivory	2225V**	2226V**
			Gray	1995B	—
20	120/277	Momentary	Brown	1995B	—
			Gray	1995GY	—
			Ivory	1995V	—
20	120/277	Momentary – Locking	Nickel	1995L	—
30	120/277	Maintained	Brown	3035B* **	3036B* **
			Ivory	3035V* **	3036V* **

* Not NOM certified.

** Multiple Listed (ML #E109153), not CSA approved.

Replacement Key

Description	Catalog No.
Replacement Key for 1895/1995L	AH2000

Horsepower Rated for Motor Loads per UL 20

	120V/AC	240V/AC	Max Amps
15A	1/2 HP	2 HP	12A
20A	1 HP	2 HP	16A
30A	2HP	2HP	24A

Industrial Specification Grade Switches

15, 20A
120/277/AC



INDUSTRIAL
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D-4
SWITCHES

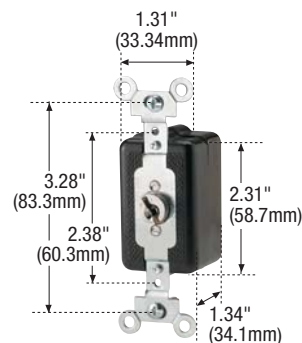
AC Switches – Corbin Lock Type

FEATURES

- Exclusive steel-housed Corbin locking device operates with a true key for added security and resistance to vandalism.
- Key removable in the “ON” and “OFF” position. Standard finish of lock dome is nickel.
- Two keys are supplied with each lock switch. AH14 key is standard.

Back and Side Wire

Rating A	V/AC	Description	Lock Dome Finish	Catalog No.
15	120/277	Single Pole	Nickel	AH1181N
		Single Pole, key removable in “OFF” position only	Nickel	AH1181NOF
		Double Pole	Nickel	AH1182N
		Three-Way	Nickel	AH1183N
20	120/277	Single Pole	Nickel	AH1191N
		Single Pole, key removable in “OFF” position only	Nickel	AH1191NOF
		Double Pole	Nickel	AH1192N
		Three-Way	Nickel	AH1193N



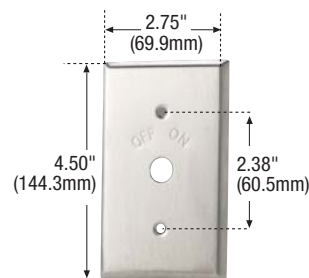
AH1181N

Corbin Replacement Key – for Corbin Switches

Description	Catalog No.
Corbin Replacement Key	AH14

Stainless Steel Wallplates

Description	Catalog No.
Stainless Steel Wallplate, With “ON-OFF” Indication.	AH1187
Stainless Steel Wallplate, Non-Indicating.	AH1188



AH1187

Horsepower Rated for Motor Loads per UL 20

	120V/AC	240V/AC	Max Amps
15A	1/2 HP	2 HP	12A
20A	1 HP	2 HP	16A

TESTING & CODE COMPLIANCE

· UL 20 Listed
(file no. E135162).

MATERIAL CHARACTERISTICS

Urea / Phenolic
Temperature Rating:
-40°C to 100°C.



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D-5 SWITCHES

TESTING & CODE COMPLIANCE

- UL 20 Listed (file no. E18704), meets Federal Spec. WS-896.
- CSA (file no. 10016 (6241-05)).

Meets all CSA requirements, C22.2 no. 111

- NOM Certified, unless otherwise noted

MATERIAL CHARACTERISTICS

Temperature Rating:
-40°C to 65°C.



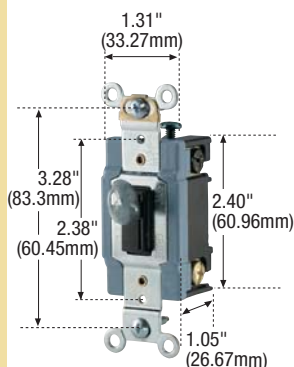
Industrial Specification Grade Switches

15, 20, 30A
120/277V/AC
Grounding

AC Quiet Locking Switches

FEATURES

- Industrial design cam action mechanism insures quiet switch action.
- Tapered lead-in slots on back wiring holes assist in gathering stranded wires for faster, more secure connections.
- Locking switches prevent unauthorized actuation.
- Color-coded faces identify amperage: blue=15 amp, red=20 amp, green=30 amp.
- Automatic grounding system eliminates need for bonding jumper in grounded metal enclosure.
- Back and side wire terminals accept up to #10 solid or stranded wire.
- Ground screw terminal standard.
- 0.050" (1.27mm) thick steel mounting strap zinc-plated for corrosion resistance.
- 120/277V/AC rating ideal for fluorescent lighting fixtures typical in commercial applications.
- Combination slot/Phillips head mounting and terminal screws ease installation with power screwdrivers (slot/Robertson screws in Canada where available).



1201L

Locking - Back and Side Wire

Rating A	V/AC	Color	Catalog No.			
			Single-Pole	Double-Pole	3-Way	4-Way
15	120/277	Brown	1201L	1202L	1203L	1204L
20	120/277	Brown	2221L	2222L	2223L	2224L
30	120/277	Brown	3031L*	3032L*	3033L*	3034L*

*Not NOM certified.

Replacement Key

Description	Catalog No.
Replacement Key	1201LK

Horsepower Rated for Motor Loads per UL 20

	120V/AC	240V/AC	Max Amps
15A	1/2 HP	2 HP	12A
20A	1 HP	2 HP	16A
30A	2HP	2HP	24A

Industrial Specification Grade Switches

15, 20A
120/277V/AC



INDUSTRIAL
COMMERCIAL
RESIDENTIAL

D-6
SWITCHES

AC Switches – Tap Action

FEATURES

- Industrial design push button switch.
- Automatic grounding system eliminates need for bonding jumper in grounded metal enclosure.
- Side wiring terminals accept up to #10 solid or stranded wire.
- Accepts standard toggle plate, or AH2881/82 weather protective covers.

Side Wiring

Rating A	V/AC	Color	Catalog No.			
			Single-Pole	Double-Pole	3-Way	4-Way
20	120/277	Brown	2991B	2992B	2993B*	2994B
		Ivory	2991V	2992V	2993V*	2994V

*UL Only.

Notes: · AC switches are not recommended for use on Master or Emergency Power Systems.
· AC switches can be used on HP applications as permitted by NEC® paragraphs 430.83 and 430.109.

AC Switches – Tap Action Lighted Button

FEATURES

- Industrial design push button switch.
- Lighted in the “OFF” position, neon bulb is rated 120V only.
- Automatic grounding system eliminates need for bonding jumper in grounded metal enclosure.
- Side wiring terminals accepts up to #10 solid or stranded wire.
- Accepts standard toggle plate.

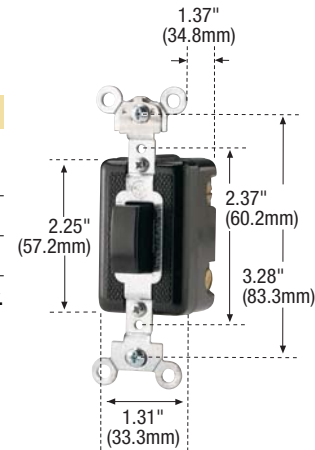
Side Wiring

Rating A	V/AC	Color	Catalog No.			
			Single-Pole	Double-Pole	3-Way	4-Way
15	120/277	Ivory	2897V	—	2898V*	—
20	120/277	Ivory	2997V	2996V	2998V*	—

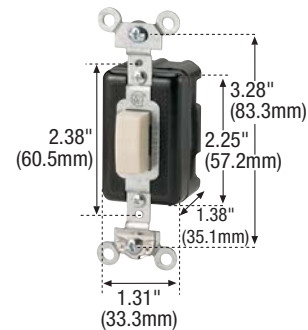
*UL Only.

Horsepower Rated for Motor Loads per UL 20

	120V/AC	240V/AC	Max Amps
15A	1/2 HP	2 HP	12A
20A	1 HP	2 HP	16A



2992



2897

TESTING & CODE COMPLIANCE

- UL 20 Listed (file no. E135162).
- cUL Certified to C22.2 no. 111.

MATERIAL CHARACTERISTICS

Urea / Phenolic and Polycarbonate Toggle
Temperature Rating:
-40°C to 80°C.



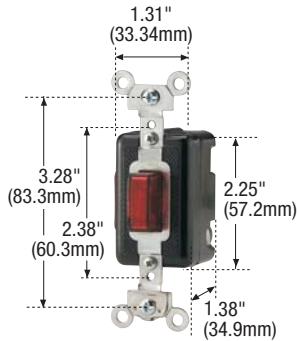
Industrial Specification Grade Switches

15A, 20A
120/277V/AC

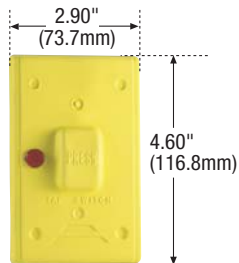
AC Switches – Tap Action Pilot Light

FEATURES

- Industrial design push button switch.
- Lighted in the “ON” position, neon bulb is rated 120V only.
- Automatic grounding system eliminates need for bonding jumper in grounded metal enclosure.
- Side wiring terminals accept up to #10 solid or stranded wire.
- Accepts standard toggle plate.



2999



2882

Side Wire Only

Rating		Color	Catalog No.
A	V/AC		
15	120/277	Red	2899RD
		Ivory	2899V
20	120/277	Red	2999RD
		Ivory	2999V

Weather Protective AC Tap Action Switch Plates

FEATURES

- Designed with finned, self-sealing mounting holes for either FS (cast or plastic) or standard flush wall boxes.
- For all CWD tap action switches.

Weather Protective Neoprene Plates

Description	Color	Catalog No.
Plate Only, One Gang	Gray	2881G
	Yellow	AH2881
Plate and 125 Volt Red Pilot	Gray	2882G
	Yellow	AH2882

Notes: · AC switches are not recommended for use on Master or Emergency Power Systems.
· AC switches can be used on HP applications as permitted by NEC® paragraphs 430.83 and 430.109.

Horsepower Rated for Motor Loads per UL 20

	120V/AC	240V/AC	Max Amps
15A	1/2 HP	2 HP	12A
20A	1 HP	2 HP	16A

INDUSTRIAL
COMMERCIAL
RESIDENTIAL

D-7 SWITCHES

TESTING & CODE COMPLIANCE

· UL 20 Listed
(file no. E135162)
· cUL Certified to
C22.2 no. 111
(file no. E12339).

MATERIAL CHARACTERISTICS

Urea / Phenolic and
Polycarbonate Toggle
Temperature Rating:
-40°C to 80°C

Industrial Specification Grade Switches

Lighted and Pilot Light
15, 20, 30A
120/277V/AC Grounding



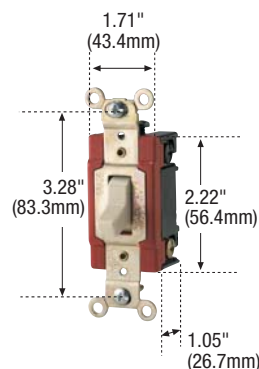
INDUSTRIAL
COMMERCIAL
RESIDENTIAL

D-8
SWITCHES

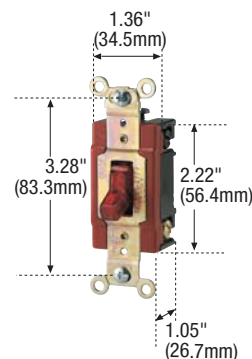
AC Quiet Switches

FEATURES

- Industrial design cam action mechanism insures quiet switch action.
- Tapered lead-in slots on back wiring holes assist in gathering stranded wires for faster, more secure connections.
- Color-coded faces identify amperage: blue=15 amp, red=20 amp, green=30 amp.
- Automatic grounding system eliminates need for bonding jumper in grounded metal enclosure.
- Back and side wire terminals accept up to #10 solid or stranded wire.
- Ground screw terminal standard.
- 0.050" (12.7mm) thick steel mounting strap zinc-plated for corrosion resistance.
- 120/277V/AC rating ideal for fluorescent lighting fixtures typical in commercial applications.
- Pilot light version glows in "on" position, lighted version glows when "off".
- Combination slot/Phillips head mounting and terminal screws ease installation with power screwdrivers (slot/Robertson screws in Canada where available).



1223LT



2222PL

Lighted Toggle – Back and Side Wire

Rating A	V/AC	Color	Single-Pole	Catalog No. Double-Pole	3-Way
15	120/277	Ivory	1201LTV	—	1203LTV
		White	1201LTW	—	1203LTW
20	120/277	Ivory	2221LTV	—	2223LTV
		White	2221LTW	—	2223LTW

Pilot Light – Back and Side Wire

Rating A	V/AC	Color	Single-Pole	Double-Pole	3-Way
15	120/277	Red	1201PL	1202PL	—
20	120/277	Red	2221PL	2222PL	—
30	120/277	Red	—	3032PL*	—

Horsepower Rated for Motor Loads per UL 20

	120V/AC	240V/AC	Max Amps
15A	1/2 HP	2 HP	12A
20A	1 HP	2 HP	16A
30A	2HP	2HP	24A

TESTING & CODE COMPLIANCE

- UL 20 Listed (file no. E18704), meets Federal Spec. WS-896.
- CSA (file no. 10016 (6241-05)). Meets all CSA requirements, C22.2 no. 111
- NOM Certified

MATERIAL CHARACTERISTICS

Temperature Rating:
-40°C to 65°C



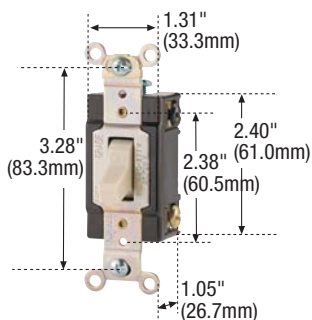
Commercial Specification Grade Switches

**15, 20A
120/277V/AC
Grounding**

AC Quiet Switches

FEATURES

- Industrial design cam action mechanism insures quiet switch action.
- Tapered lead-in slots on back wiring holes assist in gathering stranded wires for faster, more secure connections.
- Side wire and back wire terminals accept up to #10 solid or stranded wire.
- Terminal screws backed out — ready for wiring.
- 120/277V/AC rating ideal for fluorescent lighting fixtures typical in commercial applications.
- 0.050" (1.27mm) thick steel mounting strap zinc-plated for corrosion resistance.
- Ground screw terminal standard.
- Combination slot/Phillips head mounting and terminal screws ease installation. (slot/Robertson screws in Canada where available).



CSB120

Back and Side Wire

Rating A	V/AC	Color	Catalog No.			
			Single-Pole	Double-Pole	3-Way	4-Way
15	120/277	Brown	CSB115B	CSB215B	CSB315B	CSB415B
		Gray	CSB115GY	CSB215GY	CSB315GY	CSB415GY
		Ivory	CSB115V	CSB215V	CSB315V	CSB415V
		White	CSB115W	CSB215W	CSB315W	CSB415W
20	120/277	Brown	CSB120B	CSB220B	CSB320B	CSB420B
		Gray	CSB120GY	CSB220GY	CSB320GY	CSB420GY
		Ivory	CSB120V	CSB220V	CSB320V	CSB420V
		White	CSB120W	CSB220W	CSB320W	CSB420W

Horsepower Rated for Motor Loads per UL 20

	120V/AC	240V/AC	Max Amps
15A	1/2 HP	2 HP	12A
20A	1 HP	2 HP	16A

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COMMERCIAL
RESIDENTIAL

**D-9
SWITCHES**

TESTING & CODE COMPLIANCE

- UL 20 Listed (file no. E18704), meets Federal Spec. WS-896.
- CSA (file no. 10016 (6241-05)). Meets all CSA requirements, C22.2 no. 111

MATERIAL CHARACTERISTICS

Temperature Rating:
-40°C to 65°

Commercial Specification Grade Switches

15, 20A
120/277V/AC
Grounding



INDUSTRIAL
COMMERCIAL
RESIDENTIAL

D-10
SWITCHES

TESTING & CODE COMPLIANCE

- UL 20 Listed (file no. E18704), meets Federal Spec. WS-896.
- CSA (file no. 10016 (6241-05)). Meets all CSA requirements, C22.2 no. 111
- NOM Certified.

MATERIAL CHARACTERISTICS

Temperature Rating:
-40°C to 65°C.

AC Quiet Switches

FEATURES

- Industrial design cam action mechanism insures quiet switch action.
- Side wire terminals accept up to #10 solid or stranded wire.
- Terminal screws backed out —ready for wiring.
- 120/277V/AC rating ideal for fluorescent lighting fixtures typical in commercial applications.
- 0.050" (1.27mm) thick steel mounting strap zinc-plated for corrosion resistance.
- Lighted switches glow in "off" position.
- Ground screw terminal standard.
- Combination slot/Phillips head mounting and terminal screws ease installation. (slot/Robertson screws in Canada where available).
- Color-coded strap marking identifies amperage: Blue=15 amp, Red=20 amp.

Side Wire

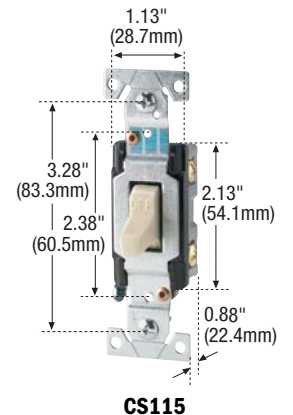
Rating A	V/AC	Color	Catalog No.			
			Single-Pole	Double-Pole	3-Way	4-Way
15	120/277	Almond	CS115A	CS215A	CS315A	CS415A
		Black	CS115BK	—	CS315BK	—
		Brown	CS115B	CS215B	CS315B	CS415B
		Gray	CS115GY	CS215GY	CS315GY	CS415GY
		Ivory	CS115V	CS215V	CS315V	CS415V
		White	CS115W	CS215W	CS315W	CS415W
20	120/277	Almond	CS120A	CS220A	CS320A	CS420A
		Black	CS120BK	—	CS320BK	—
		Brown	CS120B	CS220B	CS320B	CS420B
		Gray	CS120GY	CS220GY	CS320GY	CS420GY
		Ivory	CS120V	CS220V	CS320V	CS420V
		Light Almond	CS120LA	CS220LA	CS320LA	CS420LA
		White	CS120W	CS220W	CS320W	CS420W

Lighted Toggle – Side Wire

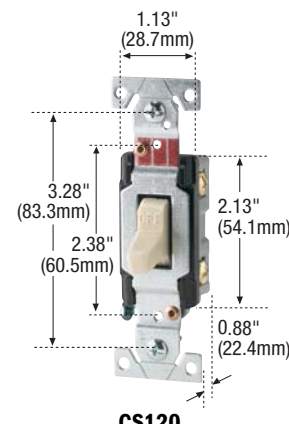
Rating A	V/AC	Color	Catalog No.			
			Single-Pole	Double-Pole	3-Way	4-Way
20	120/277	Ivory	CS120LTV	—	CS320LTV	—
		White	CS120LTW	—	CS320LTW	—

Horsepower Rated for Motor Loads per UL 20

	120V/AC	240V/AC	Max Amps
15A	1/2 HP	2 HP	12A
20A	1 HP	2 HP	16A



CS115



CS120



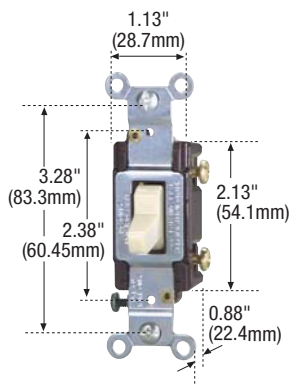
Commercial Specification Grade Switches

Heavy Duty Switches
15, 20A
120/277V/AC

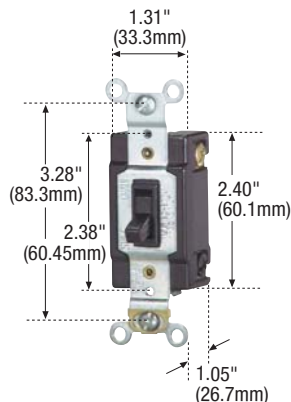
AC Quiet Switches

FEATURES

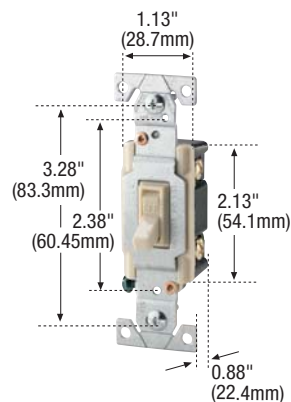
- Industrial design cam action mechanism insures quiet switch action.
- Single pole and three way switches feature additional push-in common terminal for feed-through tapping.
- 120/277V/AC rating ideal for fluorescent lighting fixtures typical in commercial applications.
- 0.050" (1.27mm) thick steel mounting strap zinc-plated for corrosion resistance.
- Side wire terminals accept up to #10 solid or stranded wire.
- Push-in terminals accept #12 or #14 solid wire.
- Lighted switches glow in "off" position.
- Combination slot/Phillips head mounting and terminal screws ease installation.



1240-1



1242-7



1221-1

Grounding Switch – Side Wire and Push Wire

Rating A	V/AC	Description	Color	Catalog No.			
				Single-Pole	Double-Pole	3-Way	4-Way
15	120/277	Large Toggle	Brown	1240-1B	1262-1B	1249-1B	—
			Ivory	1240-1V	1262-1V	1249-1V	—
			White	1240-1W	1262-1W	1249-1W	—
15	120/277	Framed Toggle	Almond	—	—	—	1242-7A*
			Brown	—	—	—	1242-7B*
			Ivory	—	—	—	1242-7V*
			Light Almond	—	—	—	1242-7LA*
			White	—	—	—	1242-7W*
20	120/277	Large Toggle	Brown	1238-1B**	1245-1B	1239-1B	—
			Ivory	1238-1V**	1245-1V	1239-1V	—

*Side wire only

** Not NOM

Grounding Switch – Side Wire and Push Wire

Rating A	V/AC	Description	Color	Catalog No.	
				Single-Pole	3-Way
15	120	Framed Toggle	Brown	1221-1B	1223-1B
			Ivory	1221-1V	1223-1V
			White	1221-1W	1223-1W

Horsepower Rated for Motor Loads per UL 20

	120V/AC	240V/AC	Max Amps
15A	1/2 HP	2 HP	12A
20A	1HP	2HP	16A

INDUSTRIAL
COMMERCIAL
RESIDENTIAL

D-11
SWITCHES

TESTING & CODE COMPLIANCE

- UL 20 Listed, (file no. E18704)
- NOM Certified

MATERIAL CHARACTERISTICS

Temperature Rating:
-20°C to 60°C.

Standard Grade Switches

15A
120V/AC



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COMMERCIAL
RESIDENTIAL

D-12
SWITCHES

AC Quiet Switches – Framed Toggle

FEATURES

- Longer, wider strap provides 40% more contact area to wall board. Virtually eliminates floating installations.
- Industrial design cam action mechanism insures quiet switch action.
- Patented built-in wire stripper for #14 and #12 wire to speed installation.
- Unbreakable top and bottom housing eliminates call-backs due to job site breakage.
- Patented built-in wire looper for pre-looping.
- Three way switches feature additional push-in common termination for feed-through tapping.
- Push-in terminals accept #12 or #14 solid wire only.
- Side wire terminals accept up to #10 solid or stranded wire.
- Combination slot/Phillips head mounting and terminal screws ease installation (slot/Robertson screws in Canada where available).

Non-Grounding Switch – Side Wire and Push Wire

Rating A	V/AC	Description	Color	Catalog No.	
				Single-Pole	3-Way
15	120	Framed Toggle	Brown	1301B	1303B
			Ivory	1301V	1303V
			White	1301W	1303W

Grounding Switch – Side Wire and Push Wire

Rating A	V/AC	Description	Color	Catalog No.	
				Single-Pole	3-Way
15	120	Framed Toggle	Almond	1301-7A	1303-7A
			Brown	1301-7B	1303-7B
			Ivory	1301-7V	1303-7V
			Light Almond	1301-7LA	1303-7LA
			White	1301-7W	1303-7W
15	120	Less Ears	Brown	1301-73B	—
			Ivory	1301-73V	—
			White	1301-73W	—

AC Quiet Switches – Lighted Toggle

FEATURES

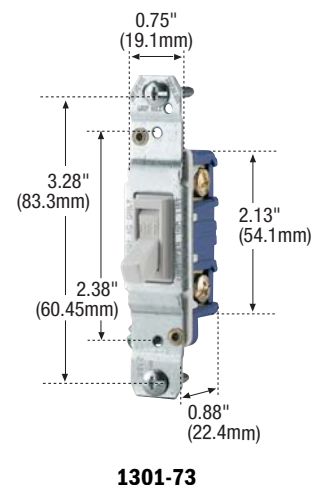
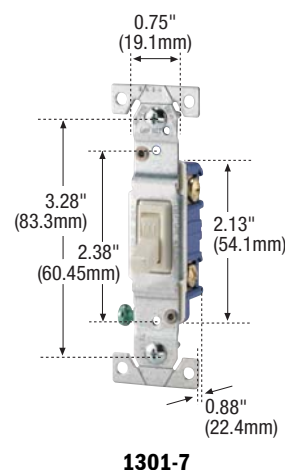
- Lighted toggle glows in “off” position.
- Exclusive color matching toggle and dust apron.

Lighted Toggle Grounding Switch – Side Wire and Push Wire

Rating A	V/AC	Description	Color	Catalog No.	
				Single-Pole	3-Way
15	120	Lighted	Almond	1301-7LTA	1303-7LTA
			Ivory	1301-7LTV	1303-7LTV
			Light Almond	1301-7LTLA	1303-7LTLA
			White	1301-7LTW	1303-7LTW

Horsepower Rated for Motor Loads per UL 20

	120V/AC	240V/AC	Max Amps
15A	1/2 HP	2 HP	12A



TESTING & CODE COMPLIANCE

- UL 20 Listed, (file no. E18704)
- NOM Certified.

MATERIAL CHARACTERISTICS

Temperature Rating:
-20°C to 60°C.



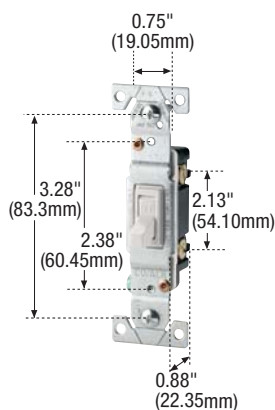
Standard Grade Switches

CO/ALR Switches
15A 120V/AC

CO/ALR Switches – Framed Toggle

FEATURES

- For direct connection to aluminum or copper wire.
- Longer, wider strap provides 40% more contact area to wall board. Virtually eliminates floating installations.
- Industrial design cam action mechanism insures quiet switch action.
- Side wire terminals accept up to #10 solid or stranded copper wire, and up to #10 solid aluminum wire.
- Terminal screws backed out – ready for wiring.
- Combination slot/Phillips head mounting and terminal screws ease installation (slot/Robertson screws in Canada where available).



5221-7

Copal (CO/ALR) Grounding Switch – Side Wire

Rating		Description	Color	Catalog No.	
A	V/AC			Single-Pole	3-Way
15	120	CO/ALR	Brown	5221-7B	5223-7B
			Ivory	5221-7V	5223-7V
			White	5221-7W	5223-7W

Horsepower Rated for Motor Loads per UL 20

	120V/AC	240V/AC	Max Amps
15A	1/2 HP	2 HP	12A

INDUSTRIAL
COMMERCIAL
RESIDENTIAL

D-13
SWITCHES

TESTING & CODE COMPLIANCE

· UL 20 Listed,
(file no. E18704)

MATERIAL CHARACTERISTICS

Temperature Rating:
-40°C to 65°C.

Commercial Combination Devices

Single Pole Switch with Second Device



INDUSTRIAL
COMMERCIAL
RESIDENTIAL

D-14 SWITCHES

Commercial Combination Devices

FEATURES

- Grounding terminal screw standard.
- Combination switch with additional switch has 120/277 rating ideal for fluorescent lighting fixtures typical in commercial applications.
- Receptacles have triple wipe line contacts and double wipe ground contacts to insure long-term plug retention.
- 0.050"(1.27mm) thick steel mounting strap zinc-plated for corrosion resistance.
- Break-off provision for wiring both devices on same circuit or on separate circuits.
- Terminal screws backed out – ready for wiring.
- Side wire terminals accept up to #10 solid or stranded wire.
- Pilot light may be wired to indicate power “on” or power “off”.
- Combination switch with receptacle Catalog No. 274 and 291 feature neon pilot light standard.
- Combination slot/Phillips head mounting and terminal screws ease installation. (slot/Robertson screws in Canada where available).

Single Pole Switch with Receptacle – Side Wire

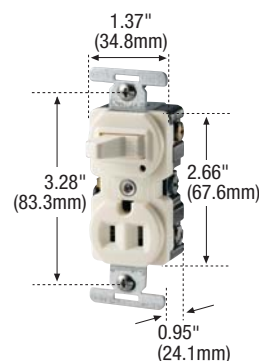
Switch Rating	Receptacle Rating	Second Device Description	Color	Catalog No.
15A 120V/AC	15A 125V/AC	2P3W Grounding Receptacle	Almond	274A
			Brown	274B
			Ivory	274V
			Light Almond	274LA
			White	274W
20A 120/277V/AC	20A 125V/AC	2P3W Grounding Receptacle	Brown	291B
			Ivory	291V
			White	291W

Single Pole Switch with Additional Switch – Side Wire

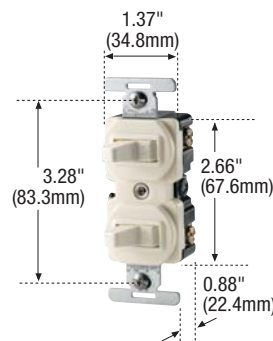
Rating A	V/AC	Second Device Description	Color	Catalog No.
15	120/277	Single Pole Switch	Almond	271A
			Brown	271B
			Ivory	271V
			Light Almond	271LA
			White	271W
15	120/277	3-Way Switch	Almond	275A
			Brown	275B
			Ivory	275V
			Light Almond	275LA
			White	275W

Single Pole Switch with Pilot Light – Side Wire

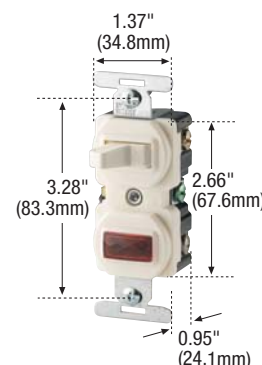
Switch Rating	Pilot Light Rating	Color	Catalog No.
15A 120V/AC	1/25W 120V/AC	Almond	277A
		Brown	277B
		Ivory	277V
		Light Almond	277LA
		White	277W



274



271



277

TESTING & CODE COMPLIANCE

· UL 20 Listed, (file no. E18704)
· For Switches: CSA (file no. 10016 (6241-05))
For Switches w/Recep.: CSA (file no. 6914 (6233-04)).
Meets all CSA requirements, C22.2 no. 111 for switches, C22.2 no. 42 for receptacles.

MATERIAL CHARACTERISTICS

Temperature Rating: -40°C to 65°C.



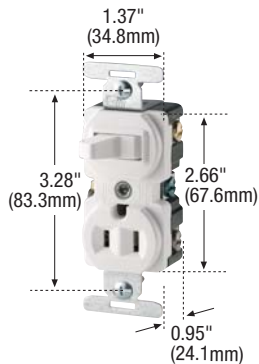
Commercial Combination Devices

Three Way Switch
with Second Device

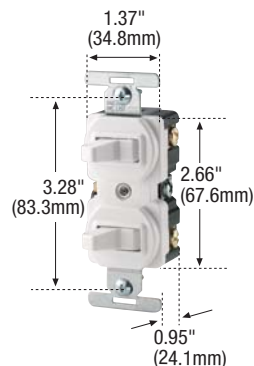
Commercial Combination Devices

FEATURES

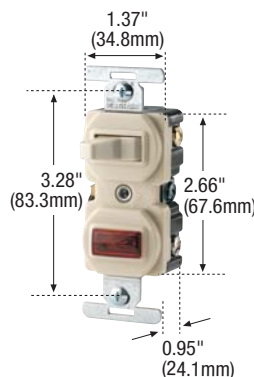
- Grounding terminal screw standard.
- Combination switch with additional switch has 120/277 rating ideal for fluorescent lighting fixtures typical in commercial applications.
- Receptacles have triple wipe line contacts and double wipe ground contacts to insure long-term plug retention.
- 0.050" (1.27mm) thick steel mounting strap zinc-plated for corrosion resistance.
- Break-off provision for wiring both devices on same circuit or on separate circuits (except 294).
- Terminal screws backed out — ready for wiring.
- Side wire terminals accept up to #10 solid or stranded wire.
- 294 contains exclusive circuit — pilot light “on” when load is “on.”
- Combination slot/Phillips head mounting and terminal screws ease installation (slot/Robertson screws in Canada where available).



293



276



294

Three Way Grounding Switch with Receptacle – Side Wire

Switch Rating	Receptacle Rating	Second Device Description	Color	Catalog No.
15A 120V/AC	15A 125V/AC	2P3W Grounding Receptacle	Brown	293B
			Ivory	293V
			White	293W

Three Way Grounding Switch with Additional Switch – Side Wire

Switch Rating	Receptacle Rating	Second Device Description	Color	Catalog No.
15	120/277V/AC	3-Way Switch	Almond	276A
			Ivory	276V
			Light Almond	276LA
			White	276W

Three Way Switch with Pilot Light – Side Wire

Switch Rating	Pilot Light Rating	Color	Catalog No.
15A 120V/AC	1/25W 120V/AC	Almond	294A
		Brown	294B*
		Ivory	294V*
		Light Almond	294LA
* Not NOM			

Horsepower Rated for Motor Loads per UL 20

	120V/AC	240V/AC	Max Amps
15A	1/2 HP	2 HP	12A

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D-15
SWITCHES

TESTING & CODE COMPLIANCE

· UL Listed, (file no. E18704)
· For Switches: CSA (file no. 10016 (6241-05))
For Switches w/Recep.: CSA (file no. 6914 (6233-04)).
Meets all CSA requirements, C22.2 no. 111 for switches, C22.2 no. 42 for receptacles.

MATERIAL CHARACTERISTICS

Temperature Rating:
-40°C to 65°C.

AC-DC Combination Devices

AC-DC Single Pole Switch with Second Device



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D-16 SWITCHES

TESTING & CODE COMPLIANCE

- UL (file no. E18704)
- Switch w/Recep.: CSA (file no. 6914 (6233-01)); Switch w/additional switch or pilot light: CSA (file no. 10016 (6241-05)).
- Switches meet all CSA requirements, C22.2 no.111.
- Receptacles meet all CSA requirements, C22.2 no. 42
- NOM Certified except as noted

MATERIAL CHARACTERISTICS

Temperature Rating:
-40°C to 65°C.

AC-DC Combination Devices

FEATURES

- Receptacles have triple wipe line contacts and double wipe ground contacts to insure long-term plug retention.
- 0.050" (1.27mm) thick steel mounting strap zinc-plated for corrosion resistance.
- Terminal screws backed out —ready for wiring.
- Side wire terminals accept up to #10 solid or stranded wire.
- Pilot light may be wired to indicate power "on" or power "off".
- Combination slot/Phillips head mounting and terminal screws ease installation (slot/Robertson screws in Canada where available).

AC-DC Switch with Receptacle – Side Wire

Switch Rating	Receptacle Rating	Second Device Description	Color	Catalog No.
10A "T" 125V/AC 5A 250V	15A 125V/AC	2P2W Receptacle	Brown	798B#
			Ivory	798V#
10A "T" 125V/AC 5A 250V/AC	15A 125V/AC	2P3W Grounding Receptacle	Brown	991B
			Ivory	991V
			White	991W
				# Not CSA

AC-DC Switch with Additional Switch – Side Wire

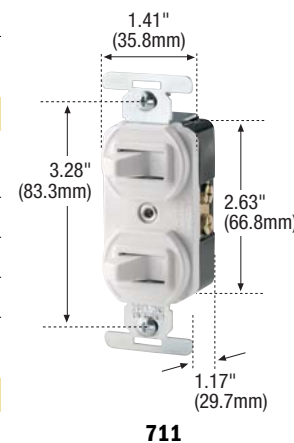
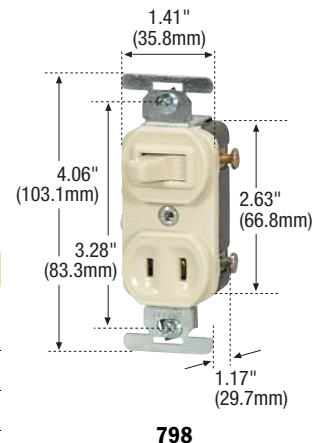
Switch Rating	Second Switch Rating	Second Device Description	Color	Catalog No.
10A "T" 125V/AC 5A 250V/AC	10A "T" 125V/AC 5A 250V/AC	Single Pole Switch	Brown	711B*
			Ivory	711V*
			White	711W*
*Not NOM certified				

AC-DC Switch with Pilot Light – Side Wire

Switch Rating	Pilot Light Rating		Color	Catalog No.
10A "T" 125V/AC 5A 250V/AC	75W 120V/AC	bulb not included	Brown	799B*
		bulb not included	Ivory	799V*
*Not NOM certified				

Replacement Bulb for 799 Pilot Light

Description	Color	Catalog No.
Replacement Bulb	Clear	936C



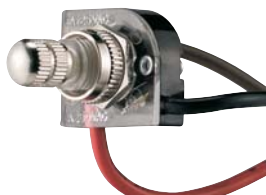


Canopy Switches

Canopy Switches

FEATURES

- Wide variety of sizes for use in fixtures, appliances, doorways, and equipment.
- Shank is threaded #15/32-32 x 15/32" (11.8mm) long.
- Hex nut and finishing nut furnished.
- 6 wire lead terminals, #18 105°C stripped 0.75" (19.1mm).



488NP



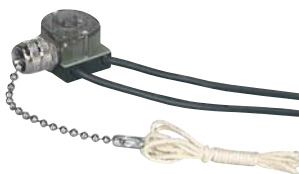
459



449NP



460



458NP

Turn Knob – Metal

Rating	Circuit	Sequence	Finish	Catalog No.
3A 125V/AC "T"; 1A 250V/AC	Two Circuit	LO-MED-HI-OFF	Nickel	488NP
			Brass	488BD
3A 125V/AC; 1A 125V/AC "T"; 1A 250V/AC	Single Pole	ON-OFF	Nickel	443NP
			Brass	443BD

Turn Knob – Plastic

Rating	Circuit	Sequence	Finish	Catalog No.
3A 125V/AC; 1A 125V/AC "T"; 1A 250V/AC	Single Pole	ON-OFF	Black	459

Push Button – Metal

Rating	Circuit	Sequence	Finish	Catalog No.
3A 125V/AC; 1A 125V/AC "T"; 1A 250V/AC	Single Pole	ON-OFF	Nickel	449NP

Pull Chain – End Bell

Rating	Circuit	Sequence	Finish	Catalog No.
6A 125V/AC; 3A 125V/AC "T"; 3A 250V/AC	Single Pole	ON-OFF	Nickel	442*
6A 125V/AC; 3A 250V/AC	Two Circuit	LO-MED-HI-OFF	Brass	460
1A 250V/AC; 3A 125V/AC; 1A 125V/AC "T"	Single Pole	ON-OFF	Nickel	458NP*
			Brass	458BD*

* NOM certified

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D-17
SWITCHES

TESTING & CODE COMPLIANCE

- UL Listed, (file no. E18704)
- Meets all CSA requirements, C22.2 no. 111.

MATERIAL CHARACTERISTICS

Temperature Rating:
-40°C to 65°C.

Canopy Switches



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D-18
SWITCHES

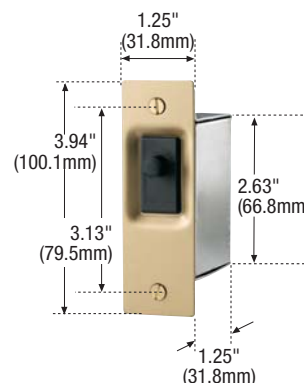
Door Operated Canopy Switch Assembly

FEATURES

- Wide variety of uses in doorways or other entries.
- 6" (152.40mm) wire leads with female disconnects: #18AWG - FT1, rated 105°C, stripped 0.50" (12.70mm).
- Brass-toned faceplate measures just 1.25" (31.75mm) wide for convenient installation.
- Includes steel switch box with 4 KO'S.
- Supplied with 4 - #6 x 0.625" (15.875mm) flathead wood screws for box mounting, 2 - #6-32 x 0.50" (12.70mm) brass-plated device.

Push Button - Momentary Contact

Rating A	Rating AC/DC	Circuit	Function	Color	Catalog No.
10	125/277V/AC 1/3 HP	Single Pole	ON when door open	White	1664
10	125/250/277V/AC	Single Pole	OFF when door open	Black	1665



1665

Circuit Control Toggle Switches - Plastic Bat Handles

FEATURES

- Shank is threaded #15/32-32 x 15/32" (11.8mm) long.

Toggle Switch - Plastic Bat Handle

Rating	Circuit	Sequence	Screw Terminals	Catalog No.
20A 125V/AC "L"; 20A 250V/AC; 1 HP 120/240V/AC	SPST	ON-OFF	447	Solder/Quick Connect Tabs 456



456

Circuit Control Toggle Switches - Metal Bat Handles

FEATURES

- Shank is threaded 15/32"-32 x 9/32" long.
- Keyed shank, indicator plate, and finishing nut furnished.
- Wire leads are 6" (152.4mm) long #18 105°C, stripped 0.75" (19.1mm).

Toggle Switch - Metal Bat Handle

Rating	Circuit	Sequence	Catalog No.
6A 125V/AC; 3A 250V/AC	SPST	ON-OFF	Wire Leads 452



452

TESTING & CODE COMPLIANCE

· 1664 & 1665:
UL recognized component (file no. E23301); CSA certified (file no. 016503C000) switch only.
· UL Listed, (file no. E18704)
· CSA (file no. 10016 (6241-90 & 6241-10)),
Meets all CSA requirements, C22.2 no. 111.

MATERIAL CHARACTERISTICS

Temperature Rating:
-40°C to 65°C.

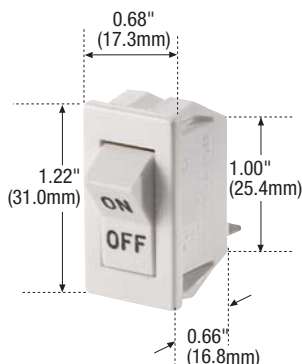


Appliance Switches

Appliance Switches

FEATURES

- Cutout 0.55" x 1.125" (13.97mm x 28.57mm) rectangle.
- Integral snap-in clamps accept wide range of panel thicknesses from 0.32" x 0.125" (8.13mm x 3.17mm).
- High impact-resistant, thermoplastic construction.
- Pilot light has long-life neon lamp.
- Lighted versions glow when "off".
- 0.25" (6.4mm) solder/quick connect tab terminals.



52-6W



96



53

Rocker Switch – Marked ON-OFF

Rating	Circuit	Sequence	Color	Catalog No.
6A "L" 120V/AC; 240V/AC; 1 HP 120-240V/AC	SPST	ON-OFF	Black	52-6BK
			White	52-6W

Rocker Switch, Red – Lighted

Rating	Circuit	Sequence	Color	Catalog No.
6A "L" 120V/AC; 15A 120V/AC; 10A 240V/AC; 1 HP 120-240V/AC	SPST	ON-OFF	Black with Red Rocker	55BK

Circuit Breaker Switch

Rating	Description	Sequence	Color	Catalog No.
15A 120V/AC	Amber Rocker	ON-OFF	Black	96-2BK*
15A 120V/AC	Lighted Amber Rocker	ON-OFF	Black	96BK*

* Not CSA approved

Pilot Light

Rating	Color	Catalog No.
1/3 Watt, 120V/AC	Black with White Lens	53BK**

** CSA file 1739 (6231-09)

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D-19
SWITCHES

TESTING & CODE COMPLIANCE

- UL Listed, files: E18704 (52-6BK/W & 55BK), E18522 (53BK), E129961 (96BK & 96-2BK)
- CSA (file no. 10016 (6241-10))
- Meets all CSA requirements, C22.2 no. 111

MATERIAL CHARACTERISTICS

Environmental:
Flammability
per UL94
requirements,
V2 rated.
Temperature Rating:
-40°C to 70°C

Special Use AC Switches

Surface Mount, Cover Mounted
Feed-Through Cord Switches



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D-20
SWITCHES

TESTING & CODE COMPLIANCE

- UL Listed, files: E18704, 939B & 939V; file E47968
- CSA (file no. 10016 (6241-05 & 6241-08)),
- Meets all CSA requirements, C22.2 no. 111

MATERIAL CHARACTERISTICS

Temperature Rating:
-40°C to 65°C.

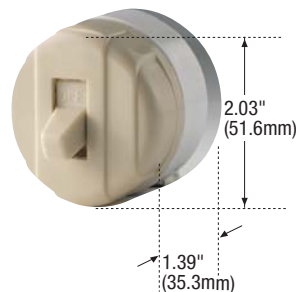
Surface Mount

FEATURES

- Heavy duty plastic construction.
- Use with surface-mounted wiring, non-metallic cable.

AC-DC Surface Mount – Side Wire

Rating A	V/AC-DC	Description	Color	Catalog No. Single-Pole
10A	125V, 5A 250V	For SPT Cord	Brown	735B
			Ivory	735V



735

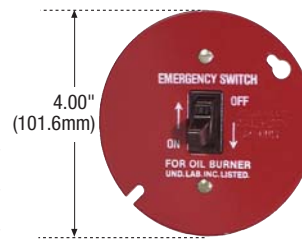
Cover Mounted

FEATURES

- Covers are heavy gauge steel.
- Push wire terminals accept #12 or #14 solid wire.
- Side wire terminals accept up to #10 solid or stranded wire.

Cover Mounted – Side Wire

Rating A	V/AC	Description	Color	Catalog No. Single-Pole
15	120/277	On 4" (101.6mm) Cover	Aluminum Sprayed	779
15	120/277	On 4" (101.6mm) Cover	Red Oil Burner	713



713

Feed-Through Cord Switch

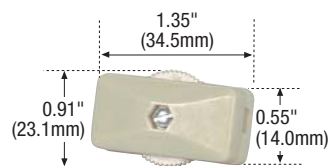
FEATURES

- Insulation displacement terminals eliminate need for stripping insulation from cord conductors.
- For in-line, ON/OFF switching.

Feed-Through Cord Switch – Insulation Displacement Terminals

Rating A	V/AC	Description	Color	Catalog No. Single-Pole
6A	125V; 3A 250V;	For #18 SPT-1	Brown	410B*
3A	125V "T"		Ivory	410V*
			White	410W*

* NOM certified



410

Feed-Through Cord Switch – Screw Terminals

Rating A	V/AC	Description	Color	Catalog No. Single-Pole
15A	120V	For Flat or Round Cords	Brown	939B
			Ivory	939V



939