
SECTION
D

Switches

D
SECTION

RESIDENTIAL | COMMERCIAL | INDUSTRIAL

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Switches

Our comprehensive line of switches encompass everything from upscale decorator designs to standard toggle switches and even special-use replacement switches. All of our switches are engineered for smooth action and years of safe, dependable service no matter what the type of load or application.

Switch families

Residential grade switches



D-4

Canopy switches



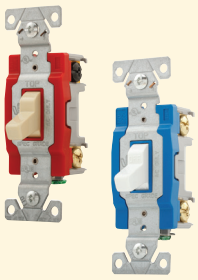
D-8

Commercial specification grade switches



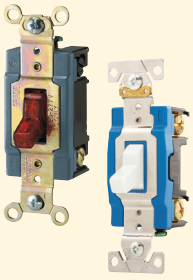
D-9

Heavy-duty specification grade switches



D-15

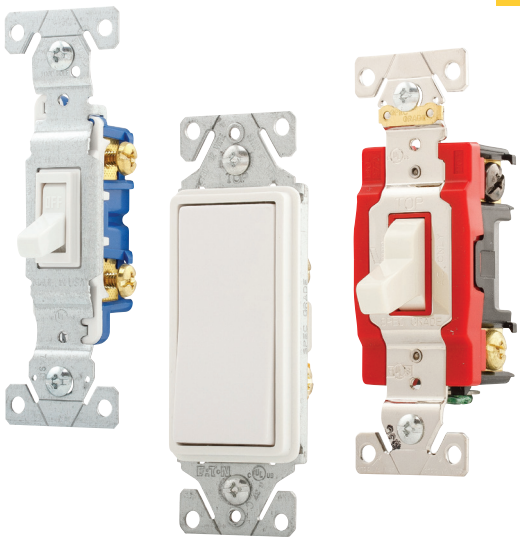
Extra heavy-duty specification grade industrial grade switches



D-17

The Eaton difference

- Built-in patented wire stripper provides handy backup for misplaced tools
- Longer, wider strap provides 40% more contact area to wallboard, virtually eliminating floating installations
- Ultrasonic welded thermoplastic top and bottom housing eliminates call-backs due to job-site breakage
- Cam action mechanism inside for quiet switch action
- Built-in wire looper to speed termination of both #14 and #12 AWG wire
- Slotted, Phillips and Robertson tri-combo screw heads offer greater installation flexibility



Specific switch solutions for today's needs



Aesthetic upgrades

Complete the look of a beautiful redecoration, renovation or new home with decorator switches that provide contemporary styling to coordinate perfectly with today's décor.

See page D-4

Shown:
7503V





Commercial Grade Switches

Available in a variety of configurations, Eaton commercial grade switches combine a stylish design with all the benefits of rugged commercial grade construction for both residential and light commercial applications.

See Page D-10

Shown:
7621LA





Harsh Environments

For harsh and demanding environments, Eaton offers a complete product line of heavy duty specification grade and extra heavy duty industrial grade switches to address these challenges.

See pages D-16 to D-20

Shown:
AH1221W



Decorator standard grade switches

Product description

Single pole, 3-way, 4-way
15A, 120/277V/AC


7501

Design features

- Thermoplastic rocker, top and backbody are virtually unbreakable, promising years of durable performance
- Ultrasonic welding and integrated construction of the strap and body provide superior integrity
- Backwire clamps on the side terminals provide for easy installation of #12 and #14 AWG wire
- Push-in terminals accept #14 AWG solid wire
- Stippled ground screw terminal standard
- 120/277V/AC rating ideal for fluorescent lighting fixtures and a broad variety of applications
- Long, broad mounting strap virtually eliminates floating installations
- Patented built-in wire stripper for #12 and #14 AWG wire to speed installation
- Tri-combo screws accept Slotted, Phillips, and Robertson-head tools for installation flexibility
- Lighted switches glow in "OFF" position

Decorator switches

Rating A	Rating V/AC	Description	Color suffix	Catalog no.	
15	120/277	Single pole, back wire, push wire	B, BK, GY, LA, V, W	☐7501__	•
		Auto-grounding single pole, back wire, push wire	B, BK, GY, LA, V, W	☐7501-9__	•
		3-way, back wire, push wire	B, BK, GY, LA, V, W	☐7503__	•
		Auto-grounding 3-way, back wire, push wire	B, BK, GY, LA, V, W	☐7503-9__	•
		4-way, back wire, push wire	B, BK, GY, LA, V, W	☐7504__*	
		Lighted single pole, back wire, push wire	LA, V, W	☐7511__	
		Lighted 3-way, back wire, push wire	LA, V, W	☐7513__	

cULus Listed to UL20, file no. E18704; 7504 also UL Listed to Federal Spec WS-896E *Fed Spec.

AC decorator switches, back & side wire

Rating A	Rating V/AC	Description	Color	Catalog no.
15	120/277	Single pole, two position, momentary contact, decorator	W	☐7521W

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)

B	BK	GY	LA	V	W
(Brown)	(Black)	(Gray)	(Lt. Almond)	(Ivory)	(White)

Specification information: Please visit www.eaton.com/wiringdevices
Compliances, specifications and availability are subject to change without notice.

Indicates USMCA compliant - Page Q-41

USMCA compliant products meet specifications at time of print. Product listing subject to change.

Standard grade toggle switches

Product description

Single pole, 3-way, 4-way
15A,120V/AC



1303



1301-7



1301-73

Design features

- 3-way switches feature additional push-in common termination for feed-through tapping
- Push-in terminals accept #14 AWG solid wire only; side wire terminals accept up to #10 AWG solid wire
- Long, broad mounting strap virtually eliminates floating installations
- Patented built-in wire stripper for #12 and #14 AWG wire to speed installation
- Patented built-in wire looper for pre-looping
- Tri-combo screws accept Slotted, Phillips, and Robertson-head tools for installation flexibility
- Lighted toggle glows in “OFF” position

Toggle switches, non-grounding

Rating A	Rating V/AC	Description	Color suffix	Catalog no.	
15	120	Single pole, side wire & push wire	B, BK, LA, V, W	☐1301__	•
		3-way, back wire, side wire & push wire	B, BK, LA, V, W	☐1303__	•

cULus Listed to UL20, CSA C22.2 no. 111, file no. E18704

Toggle switches, grounding

Rating A	Rating V/AC	Description	Color suffix	Catalog no.	
15	120	Single pole, side wire & push wire	B, BK, LA, V, W	☐1301-7__	•
		Single pole, side wire & push wire, auto ground	B, BK, LA, V, W	☐1301-9__	•
		3-way, back wire, side wire & push wire	B, BK, LA, V, W	☐1303-7__	•
		3-way, side wire & push wire, auto ground	B, BK, LA, V, W	☐1303-9__	•
		4-way, side wire & push wire	B, BK, LA, V, W	☐1242-7__	
		Single pole, less ears, side wire & push wire	B, BK, LA, W	☐1301-73__	•
		Lighted, single pole, side wire & push wire	LA, V, W	☐1301-7LT__	•
		Lighted, 3-way, side wire & push wire	V, W	☐1303-7LT__	•

cULus Listed to UL20, CSA C22.2 no. 111, file no. E18704

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), BK (Black), LA (Light Almond), V (Ivory), W (White)

B	BK	LA	V	W
(Brown)	(Black)	(Lt. Almond)	(Ivory)	(White)

Specification information: Please visit www.eaton.com/wiringdevices
Compliances, specifications and availability are subject to change without notice.

Indicates USMCA compliant - Page Q-41

USMCA compliant products meet specifications at time of print. Product listing subject to change.

Standard grade CO/ALR toggle switches

Product description

Single pole & 3-way
15A,120V/AC


5221-7

Design features

- For direct connection to aluminum or copper wire
- Industrial design cam action mechanism ensures quiet switch action
- Side wire terminals accept up to #10 AWG solid copper wire, and up to #10 AWG solid aluminum wire
- Terminal screws backed out—ready for wiring
- Patented built-in wire stripper for #12 and #14 AWG wire to speed installation
- Combination Slot/Phillips head mounting and terminal screws ease installation (Slot/Robertson screws in Canada where available)
- Long, broad mounting strap virtually eliminates floating installations

CO/ALR toggle switches

Rating A	Rating V/AC	Description	Color suffix	Catalog no.
15	120	Single pole, side wire	V, W	☐5221-7__
		3-way, side wire	V, W	☐5223-7__

cULus listed to UL20, UL file no. E18704, CSA C22.2 no. 111

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: V (Ivory), W (White)

V	W
(Ivory)	(White)

Specification information: Please visit www.eaton.com/wiringdevices
Compliances, specifications and availability are subject to change without notice.

Miscellaneous standard grade switches

Product description

Feed-through cord switches



933

Design features

- Insulation displacement terminals eliminate need for stripping insulation from cord conductors

Feed-through cord switch

Rating A	Rating V/AC	Description	Color suffix	Catalog no.
3	120	Feed-though cord switch for flat or round cords, ON-OFF sequence, insulation displacement terminals Fits the following cord types: #18/2 SPT-1, SPT2 or HPN Cord; #16/2 SPT-1, SPT2 or HPN Cord; Round Type SVT Cord (max. dia. 9/32", 7.14mm)	B, V, W	☐933__

Listed to UL20, file no. E47968; CSA certified to C22.2, no. 111; NOM certified

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), V (Ivory), W (White)

B	V	W
(Brown)	(Ivory)	(White)

Specification information: Please visit www.eaton.com/wiringdevices

Compliances, specifications and availability are subject to change without notice.

Canopy switches

Product description

Single pole, two-circuit
1A, 125V/AC; 1A, 250V/AC
3A, 125V/AC; 3A, 250V/AC; 6A, 125V/AC


449NP

Features

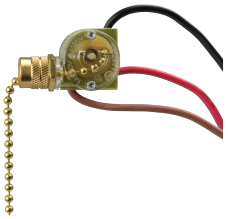
- Wide variety of sizes for use in fixtures, appliances, doorways and equipment
- Shank is threaded 15/32"-32 x 15/32" (11.8mm) long
- Hex nut and finishing nut furnished
- 6" (152.4mm) wire lead terminals, #18 105ºC stripped 0.75" (19.1mm)


442

Push button

Rating A	Rating V/AC	Circuit	Description	Sequence	Finish	Catalog no.
1	125 "T"	Single pole	Metal push button	On-off	Nickel	☐449NP
1	250					
3	250					

"T" denotes Tungsten lighting applications


460

Pull chain

Rating A	Rating V/AC	Circuit	Description	Sequence	Finish	Catalog no.
1	125 "T"	Single pole	Pull chain with end bell	On-off	Nickel	☐458NP
1	250					
3	125					
1	125 "T"	Single pole	Pull chain with end bell	On-off	Brass	☐458BD
1	250					
3	125					
3	125 "T"	Single pole	Pull chain with end bell	On-off	Nickel	☐442
3	250					
6	125					
3	250	Two-circuit	Pull chain with end bell	Lo-med-hi-off	Brass	☐460*
6	125					

*cULus Listed
"T" denotes Tungsten lighting applications


458BD

Circuit control switch

Product description

Single pole
3A, 250V/AC
6A, 125V/AC


452

Features

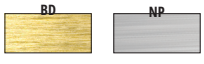
- Shank is threaded 15/32"-32 x 9/32" (7.1mm) long
- Keyed shank, indicator plate and finishing nut furnished
- 6" (152.4mm) wire leads, #18 105ºC stripped 0.75" (19.1mm)

Circuit control toggle switch

Rating A	Rating V/AC	Circuit	Description	Sequence	Color	Catalog no.
3	250	SPST	Metal bat handle	ON-OFF	Silver	☐452
6	125					

Color ordering information:

BD (Brass), NP (Nickel)



(Brass) (Nickel)

Specification information: Please visit www.eaton.com/wiringdevices
Compliances, specifications and availability are subject to change without notice.

Commercial specification grade switches

Designed for the most demanding commercial applications

Arrow Hart's commercial specification grade switches are designed to provide superior quality, reliability and performance in a variety of commercial environments

Commercial specification grade AC switch features & benefits

Automatic grounding eliminates need for bonding jumper in metal enclosures

Welded construction provides superior assembly security under heavy use

Smooth face for ease of cleaning

Built-in wire stripper to speed up installation



Tri-combo head terminal and mounting screws, plus easy-access grounding terminal

Stippled line and ground contacts ensure solid contact; ground screw clamp provides secure wiring

Tapered back-wire openings handle multiple sizes and types, up to #10 AWG solid or stranded wire

Oversized termination screws for simplified wire installation

Horsepower rated for motor loads

Horsepower rated for motor loads per UL20

Amps	120V/AC	240V/AC	277V/AC	Max.
15A	1/2 HP	2HP	2HP	12A
20A	1HP	2HP	2HP	16A

A complete line of switches available for any commercial application:



Combination switches



Commercial grade CSB series



Commercial grade CS series

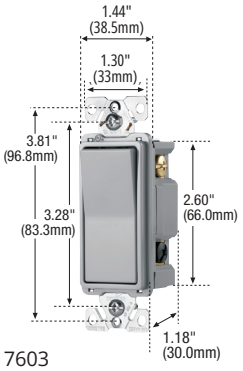
Compliances, specifications and availability are subject to change without notice.

Visit Section EZ for more information on EZ Link products.

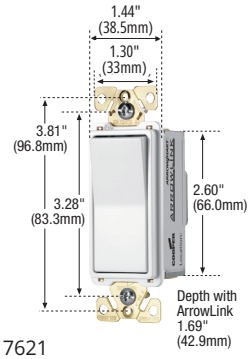
Heavy-duty commercial grade AC decorator switches

Product description

Single pole, double pole, 3-way, 4-way
15A, 120/277V/AC
20A, 120/277V/AC



7603



7621

AC decorator switches, back & side wire

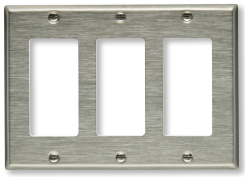
Rating A	Rating V/AC	Description	Color suffix	Catalog no.
15	120/277	Single pole, decorator	B, BK, GY, LA, V, W	☐7601__
		3-Way, decorator	B, BK, GY, LA, V, W	☐7603__
		4-Way, decorator	B, BK, GY, LA, V, W	☐7604__
20	120/277	Single pole, decorator	B, BK, GY, LA, RD, V, W	☐7621__
		Double pole decorator	B, BK, GY, LA, V, W	☐7622__
		3-Way, decorator	B, BK, GY, LA, RD, V, W	☐7623__
		4-Way, decorator	B, BK, GY, LA, V, W	☐7624__

Accessories for heavy-duty commercial specification grade switches

Description	Catalog no.
1-Gang, mid-size decorator, polycarbonate wallplate, white	☐PJ26W
2-Gang, mid-size decorator, polycarbonate wallplate, gray	☐PJ262GY
3-Gang, standard size decorator, 302/304 Stainless steel wallplate	☐93403
1-Gang, standard size decorator, nylon wallplate, red	☐5151RD


PJ26W


PJ262GY


93403


5151RD

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), BK (Black), GY (Gray), LA (Light Almond), RD (Red), V (Ivory), W (White)

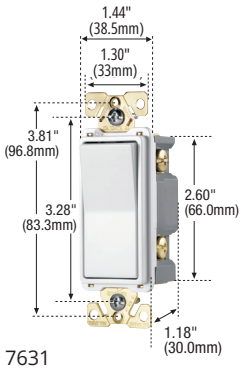
B	BK	GY	LA	RD	V	W
(Brown)	(Black)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)

Specification information: D-21
Compliances, specifications and availability are subject to change without notice.

Heavy-duty commercial grade AC decorator switches

Product description

Single pole, double pole, 3-way, 4-way
15A, 120/277V/AC;
20A, 120/277V/AC



7631

AC decorator switches, back & side wire

Rating A	V/AC	Description	Color suffix	Catalog no.
20	120/277	Single pole, lighted decorator	LA, V, W	☐7631__
		3-Way, lighted decorator	LA, V, W	☐7633__
		4-Way, lighted decorator	LA, V, W	☐7634__

AC decorator switches, back & side wire

Rating A	V/AC	Description	Color suffix	Catalog no.
15	347	Single pole, decorator	V, W	☐7601-347__
		3-Way, decorator	V, W	☐7603-347__
		4-Way, decorator	V, W	☐7604-347__
20	347	Single pole, decorator	V, W	☐7621-347__
		Double pole, decorator	V, W	☐7622-347__
		3-Way, decorator	V, W	☐7623-347__
		4-Way, decorator	V, W	☐7624-347__

AC decorator switches, back & side wire

Rating A	V/AC	Description	Color	Catalog no.
15	120/277	Single pole, two position, momentary contact, decorator	W	☐7521W

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: LA (Light Almond), V (Ivory), W (White)

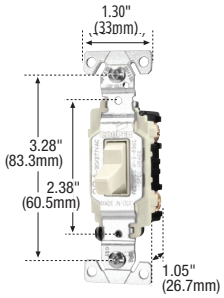
LA	V	W
(Lt. Almond)	(Ivory)	(White)

Specification information: D-21
Compliances, specifications and availability are subject to change without notice.

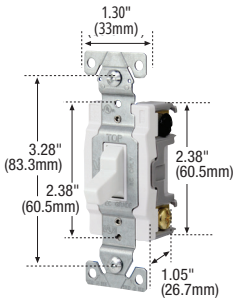
Commercial specification grade AC toggle switches

Product description

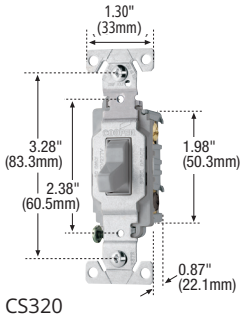
Single pole, double pole, 3-way, 4-way
15A, 120/277V/AC; 20A, 120/277V/AC



CSB320



CSB415



CS320

AC toggle switches, back & side wire

Rating A	Rating V/AC	Description	Color suffix	Catalog no.	
15	120/277	Single pole, toggle	B, GY, LA, V, W	☐CSB115__	
		Single pole, small toggle	LA, V, W	☐CSB115ST__	
		Double pole, toggle	B, GY, LA, V, W	☐CSB215__	
		3-Way, toggle	B, GY, LA, V, W	☐CSB315__	
		3-Way, small toggle	B, LA, V, W	☐CSB315ST__	
		4-Way, toggle	B, GY, V, W, LA	☐CSB415__	
20	120/277	Single pole, toggle	B, GY, LA, V, W	☐CSB120__	
		Double pole, toggle	B, GY, LA, V, W	☐CSB220__	
		3-Way, toggle	B, GY, LA, V, W	☐CSB320__	•
		4-Way, toggle	B, GY, V, W	☐CSB420__	•

AC toggle switches, side wire

Rating A	Rating V/AC	Description	Color suffix	Catalog no.
15	120/277	Single pole, compact toggle	B, BK, GY, LA, V, W	☐CS115___
		Double pole, compact toggle	B, BK, GY, LA, V, W	☐CS215___
		3-Way, compact toggle	B, BK, GY, LA, V, W	☐CS315___
		4-Way, compact toggle	B, GY, LA, V, W	☐CS415___
20	120/277	Single pole, compact toggle	B, BK, GY, LA, V, W	☐CS120___
		Double pole, compact toggle	B, BK, GY, LA, V, W	☐CS220___
		3-Way, compact toggle	B, BK, GY, LA, V, W	☐CS320___
		4-Way, compact toggle	B, GY, LA, V, W	☐CS420___

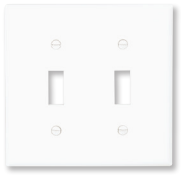
Accessories for commercial specification grade switches

Description	Catalog no.	
1-Gang, standard size toggle, 302/304 Stainless steel wallplate	☐93071	
2-Gang, standard size toggle, 302/304 Stainless steel wallplate	☐93072	
2-Gang, standard size toggle, unbreakable nylon wallplate, white	☐5139W	•
4-Gang, standard size toggle, unbreakable nylon wallplate, white	☐5154W	•

Stainless steel wallplates made in China.


93071


93072


5139W


5154W

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), BK (Black), GY (Gray), LA (Light Almond), V (Ivory), W (White)

B	BK	GY	LA	V	W
(Brown)	(Black)	(Gray)	(Lt. Almond)	(Ivory)	(White)

Specification information: D-22
Compliances, specifications and availability are subject to change without notice.

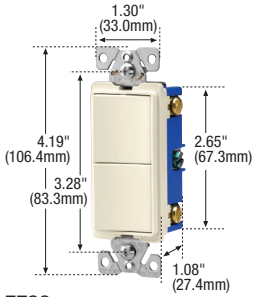
Indicates USMCA compliant - Page Q-41

USMCA compliant products meet specifications at time of print. Product listing subject to change.

Commercial grade AC decorator combination switches

Product description

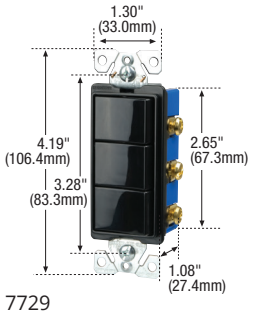
Single pole, 3-way
15A, 120/277V/AC



7728

Decorator combination switches, back & side wire

Rating A	Rating V/AC	Description	Color suffix	Catalog no.
15	120/277	(2) Single pole, switches	BK, LA, V, W	☐7728__
		(3) Single pole, switches	BK, LA, V, W	☐7729__
		(2) 3-Way, switches	BK, LA, V, W	☐7731__
		(1) Single pole switch with (1) 3-Way switch	BK, LA, V, W	☐7732__



7729

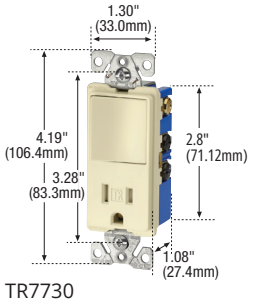
Decorator switch with receptacle, back & side wire

Rating A	Rating V/AC	Description	Color suffix	Catalog no.
15 15	120/277 125	(1) Single pole with NEMA 5-15, (1) 2-Pole, 3-wire tamper resistant receptacle	BK, LA, V, W	☐TR7730___

Accessories for commercial specification grade switches

Description	Catalog no.
1-Gang, standard size, decorator, 302/304 Stainless steel wallplate	☐93401
2-Gang, standard size, decorator, 302/304 Stainless steel wallplate	☐93402
1-Gang, standard size, decorator, unbreakable nylon wallplate, white	☐5151W

Stainless steel wallplates made in China.



TR7730



93401



930402



5151W

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: BK (Black), LA (Light Almond), V (Ivory), W (White)

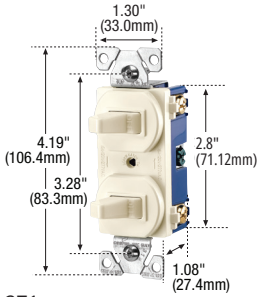
BK	LA	V	W
(Black)	(Lt. Almond)	(Ivory)	(White)

Specification information: D-21
Compliances, specifications and availability are subject to change without notice.

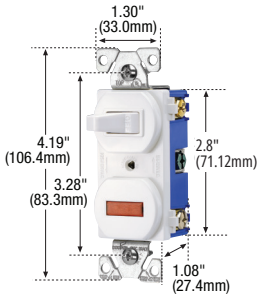
Commercial grade AC toggle combination switches

Product description

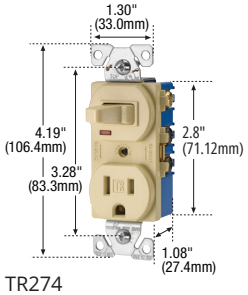
Single pole, 3-way
15A, 120/277V/AC; 15A, 120V/AC
20A, 120V/AC



271



277



TR274

Toggle combination switches

Rating A	V/AC	W	V	Description	Color suffix	Catalog no.
15	120/277			Two single pole switches, back & side wire	B, LA, V, W	☐271__
				Two 3-way switches, back & side wire	LA, V, W	☐276__
15	120	1/25	125	One single pole switch with pilot light, back & side wire	B, LA, V, W	☐277__

cULus Listed to UL20; CSA certified to C22.2, no. 111, file no. E18704; NOM certified

Toggle combination switches

Rating A	V/AC	W	V	Description	Color suffix	Catalog no.
15	120/277			One single pole switch with one 3- way switch, back & side wire	B, LA, V, W	☐275__
15	120	1/25	125	One 3-way switch with pilot light, back & side wire	B, V	☐294__

cULus Listed to UL20/UL498, file no. E18704; CSA certified to C22.2, no. 111, except 294

Toggle combination switch with receptacle

Rating A	V/AC	Description	Color suffix	Catalog no.
15 15	120 125	One single pole switch with one tamper resistant NEMA 5-15R 2-pole, 3-wire receptacle, back & side wire	B, BK, LA, V, W	☐TR274__
15 15	120 125	One 3-way switch with one tamper resistant NEMA 5-15R 2-pole, 3-wire receptacle, back & side wire	B, BK, LA, V, W	☐TR293__

cULus Listed to UL20/UL498, file no. E18704; NOM certified

Toggle combination switch with receptacle

Rating A	V/AC	Description	Color suffix	Catalog no.
20 20	125 125	One single pole switch with one tamper resistant NEMA 5-20R 2-pole, 3-wire receptacle, back & side wire	B, BK, LA, V, W	☐TR291__

cULus Listed to UL20/UL498, file no. E18704; NOM certified

Accessories for commercial specification grade toggle combination switches

Description	Catalog no.	
1-Gang, standard size duplex, 302/304 Stainless steel receptacle wallplate	☐93101	•
1-Gang, standard size duplex, unbreakable nylon receptacle wallplate, almond	☐5132A	•

Stainless steel wallplates made in China.


93101


5132V

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), BK (Black), LA (Light Almond), V (Ivory), W (White)

B	BK	LA	V	W
(Brown)	(Black)	(Lt. Almond)	(Ivory)	(White)

Specification information: D-22
Compliances, specifications and availability are subject to change without notice.

Indicates USMCA compliant - Page Q-41 TR Tamper resistant

USMCA compliant products meet specifications at time of print. Product listing subject to change.

Extra heavy-duty industrial grade switches

Incorporating the most durable design elements in the industry

Arrow Hart's broad line of industrial grade switches feature superior engineering, reliable performance and ease of installation

Extra heavy-duty Industrial AC switch AH1200, AH1220, 3030 series features & benefits



- Automatic grounding eliminates need for bonding jumper in metal enclosures
- Color-coded faces identify amperage: Blue = 15A, Red = 20A, Green = 30A
- Robust nylon toggle for heavy usage areas
- Heavy gauge 0.050" plated steel mounting strap withstands corrosion
- Tri-combo head terminal and mounting screws, plus easy-access grounding terminal
- Dual back-wire holes for maximum feed-thru wiring flexibility, accepts up to #10 AWG solid or stranded wire
- One-piece brass contact arm and large silver alloy contact assures low-resistance switching
- Patented spring cup design for consistent positive activation

A complete offering of heavy-duty switches available for any industrial application:



Heavy-duty switch



Lighted & pilot lighted



Maintained and momentary contact

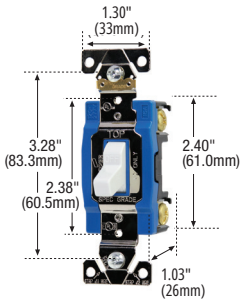
Compliances, specifications and availability are subject to change without notice.

Visit Section EZ for more information on EZ Link products.

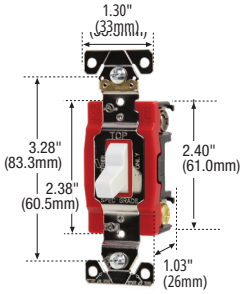
Industrial grade AC toggle switches

Product description

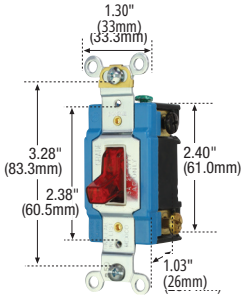
Single pole, double pole, 3-way, 4-way
15A, 120/277V/AC; 15A, 347V/AC
20A, 120/277V/AC; 20A, 347V/AC; 30A, 120/277V/AC



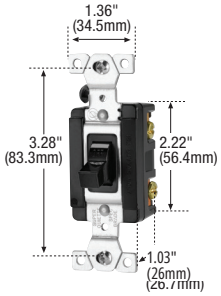
AH1201



AH1223



AH1201PL



AH18201

Extra heavy-duty industrial grade AC toggle switches, back & side wire

Rating A	Rating V/AC	Description	Color suffix	Catalog no.	
15	120/277	Single pole, toggle	B, GY, RD, V, W	☐AH1201__	•
		Double pole toggle	B, GY, V, W	☐AH1202__	•
		3-Way, toggle	B, GY, RD, V, W	☐AH1203__	•
		4-Way, toggle	B, GY, V, W	☐AH1204__	•
20	120/277	Single pole, toggle	B, BK, GY, LA, RD, V, W	☐AH1221__	•
		Double pole toggle	B, GY, RD, V, W	☐AH1222__	•
		3-Way, toggle	B, BK, GY, LA, RD, V, W	☐AH1223__	•
		4-Way, toggle	B, BK, GY, LA, RD, V, W	☐AH1224__	•
30	120/277	Single pole, toggle	B, RD, V, W	☐WD3031__*	•
		Double pole toggle	B, RD, V, W	☐WD3032__*	•

* Not NOM cert

Industrial grade AC lighted and pilot light toggle switches, back & side wire

Rating A	Rating V/AC	Description	Color suffix	Catalog no.	
15	120/277	Single pole, lighted toggle	V, W	☐AH1201LT__	•
		3-Way, lighted toggle	V, W	☐AH1203LT__	•
		Single pole, pilot lighted red toggle	RD	☐AH1201PL	•
		Double pole, pilot lighted red toggle	RD	☐AH1202PL	•
20	120/277	Single pole, lighted toggle	V, W	☐AH1221LT__	•
		3-Way, lighted toggle	V, W	☐AH1223LT__	•
		Single pole, pilot lighted red toggle	RD	☐AH1221PL	•
		Double pole, pilot lighted red toggle	RD	☐AH1222PL	•
30	120/277	Double pole, pilot lighted red toggle	RD	☐WD3032PL*	•

Lighted switches not intended for use with LED lamps * Not NOM cert

Industrial grade AC toggle switches, back & side wire

Rating A	Rating V/AC	Description	Color suffix	Catalog no.	
15	347	Single pole, Canadian voltage toggle	B, I, W	☐AH18201__«	•
		Double pole, Canadian voltage toggle	B, I	☐AH18202__«	•
		3-Way, Canadian voltage toggle	B, I, W	☐AH18203__«	•
20	347	Single pole, Canadian voltage toggle	B, I, W	☐AH18221__«	•
		Double pole, Canadian voltage toggle	B, I	☐AH18222__«	•
		3-Way, Canadian voltage toggle	B, I, W	☐AH18223__«	•

« No Color suffix = Brown, I = Ivory

Color ordering information:

For ordering devices, include Catalog no. Followed by the Color suffix: B (Brown), BK (Black), GY (Gray), LA (Light Almond), RD (Red), V or I (Ivory), W (White)

B	BK	GY	LA	RD	V or I	W
(Brown)	(Black)	(Gray)	(Lt. Almond)	(Red)	(Ivory)	(White)

Specification information: D-24
Compliances, specifications and availability are subject to change without notice.

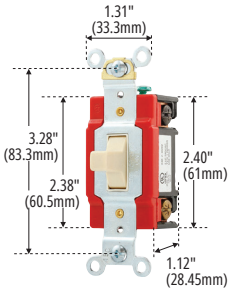
Indicates USMCA compliant - Page Q-41

USMCA compliant products meet specifications at time of print. Product listing subject to change.

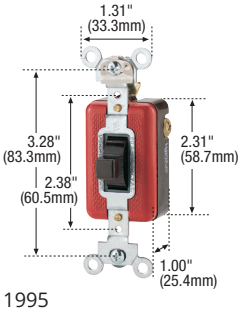
Industrial grade AC three-position switches

Product description

15A, 120/277V/AC; 20A, 120/277V/AC
Maintained & momentary contact
Single pole, double pole



2225



1995

AC maintained contact toggle switches, back & side wire

Rating A	Rating V/AC	Description	Color suffix	Catalog no.	
20	120/277	Single pole, maintained contact toggle, center off	V	☐2225V	•
		Double pole, maintained contact toggle, center off	B, V	☐2226__	•

AC momentary contact switches, side wire

Rating A	Rating V/AC	Description	Color suffix	Catalog no.	
15	120/277	Single pole, momentary contact toggle, center off	B, GY, V	☐1895__	•
20	120/277	Single pole, momentary contact toggle, center off	B, GY, RD, V	☐1995__	•
		Single pole, momentary contact toggle, center off	W	☐AH1995W	•

Accessories for industrial grade maintained & momentary switches

Description	Catalog no.	
1-Gang, standard size, toggle, 302/304 Stainless steel wallplate	☐93071	•
1-Gang, standard size, toggle, unbreakable nylon wallplate	☐5134V	•
Metal Switch Lever Guard, with .25" hole for padlock	☐WD7949	

Stainless steel wallplates made in China.



93071



5134V



WD7949

Color ordering information:

For ordering devices, include Catalog no. followed by the Color suffix: B (Brown), GY (Gray), RD (Red), V (Ivory), W (White)

B	GY	RD	V	W
(Brown)	(Gray)	(Red)	(Ivory)	(White)

Specification information: D-25
Compliances, specifications and availability are subject to change without notice.

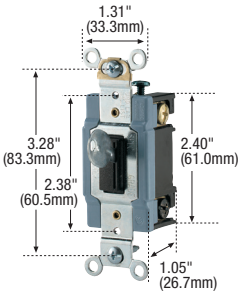
Indicates USMCA compliant - Page Q-41

USMCA compliant products meet specifications at time of print. Product listing subject to change.

Industrial grade AC locking switches

Product description

Single pole, double pole, 3-way, 4-way
15A, 120/277V/AC; 20A, 120/277V/AC;
30A, 120/277V/AC



AH1202L

AC locking switches, back & side wire

Rating A	Rating V/AC	Description	Catalog no.
15	120/277	Single pole, locking switch	☐AH1201L
		Double pole, locking switch	☐AH1202L
		3-Way, locking switch	☐AH1203L
		4-Way, locking switch	☐AH1204L
20	120/277	Single pole, locking switch	☐AH1221L
		Double pole, locking switch	☐AH1222L
		3-Way, locking switch	☐AH1223L
		4-Way, locking switch	☐AH1224L
30	120/277	Double pole, locking switch	☐3032L*

* Not Nom cert

Specification information: D-26
Compliances, specifications and availability are subject to change without notice.

Indicates USMCA compliant - Page Q-41

USMCA compliant products meet specifications at time of print. Product listing subject to change.

Commercial grade decorator switches

Product description

Single pole, double pole, 3-way, 4-way
15A & 20A, 120/277V/AC
15A, 120/277V/AC with 15A, 125V/AC receptacle

Switch type	Commercial 15A & 20A 120/277V decorator switches: 7600 series	Commercial 15A 120/277V decorator combination switches: 7700 series	Commercial 15A 120/277V - 15A, 125V decorator combination switch & receptacle: TR7730
Wiring type	Back & side wire	Back & side wire	Back & side wire
Testing & code compliance	• cULus Listed to UL20, file no. E18704 • UL verified to Fed Spec WC-896E	• cULus Listed to UL20/UL498, file no. E18704 (combination)	• cULus Listed to UL20/UL498, file no. E18704 (combination)
Environmental specifications	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 60°C (-4°F to 140°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 60°C (-4°F to 140°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 60°C (-4°F to 140°F)
Electrical specifications	**Dielectric voltage:** Withstands 1500V per UL20 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing	**Dielectric voltage:** Withstands 1500V per UL20 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing	**Dielectric voltage:** Withstands 1500V per UL20 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Switch: Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing. Receptacle: Max. 30°C (86°F) after 100 cycles of overload at 150% of rated current (DC)
Mechanical specifications	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device **Horsepower ratings:** Rated for motor loads per UL20; 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 12A, 20A: @ 120V/AC = 1 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 16A	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device **Horsepower ratings:** Rated for motor loads per UL20; 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 12A	**Terminal accommodation:** #14 - #12 AWG **Voltage ratings:** Permanently marked on device **Horsepower ratings:** Switch rated for motor loads per UL20; 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 12A
Materials	**Paddle:** Polycarbonate **Top housing:** Polycarbonate **Bottom housing:** PVC **Strap:** 0.045" thick steel, zinc plated, (yellow chromate on 20A) **Auto ground clip:** Phosphor bronze **Terminals:** 0.035" thick brass **Terminal screws:** #8-32 steel with #10 head, brass plated; neutral screw nickel plated **Ground screw:** #8-32 steel, brass plated, green **Back wire clamp:** Steel, brass plated **Contacts:** Silver alloy **Moveable contact arm:** Brass **Illuminated models:** Long-life neon bulb **Pilot light models:** Red polycarbonate pilot lens with long-life neon bulb **Receptacle line contacts:** N/A **Receptacle ground shunt:** N/A	**Paddle:** PVC **Top housing:** PVC **Bottom housing:** PVC **Strap:** 0.045" thick steel, zinc plated **Auto ground clip:** Phosphor bronze **Terminals:** 0.03" thick brass **Terminal screws:** #8-32 steel, brass plated; neutral screw nickel plated **Ground screw:** #8-32 steel, brass plated, green **Back wire clamp:** Steel, brass plated **Contacts:** Silver alloy **Moveable contact arm:** Brass **Illuminated models:** N/A **Pilot light models:** N/A **Receptacle line contacts:** N/A **Receptacle ground shunt:** N/A	**Paddle:** PVC **Top housing:** PVC **Bottom housing:** PVC **Strap:** 0.045" thick steel, zinc plated **Auto ground clip:** Phosphor bronze **Terminals:** 0.03" thick brass **Terminal screws:** #8-32 steel, brass plated; neutral screw nickel plated **Ground screw:** #8-32 steel, brass plated, green **Back wire clamp:** Steel, brass plated **Contacts:** Silver alloy **Moveable contact arm:** Brass **Illuminated models:** N/A **Pilot light models:** N/A **Receptacle line contacts:** 0.03" thick brass **Receptacle ground shunt:** 0.03" thick brass

Compliances, specifications and availability are subject to change without notice.

Commercial grade toggle switches

Product description

Single pole, double pole, 3-way, 4-way
15A & 20A, 120/277V/AC
15A, 120/277V/AC with 15A, 125V/AC receptacle

Switch type	Commercial 15A & 20A 120/277V toggle switches: CSB series	Commercial 15A & 20A 120/277V toggle switches: CS series	Commercial 15A toggle combination switches: 270 series, 294	Commercial 15A 120 - 15A, 125V toggle combo switch & receptacle: TR274, TR291, TR293
Wiring type	Back & side wire	Side wire	Back & side wire	Back & side wire
Testing & code compliance	• cULus Listed to UL20, file no. E18704 • UL verified to Fed Spec WC-896G	• cULus Listed to UL20, file no. E18704 • UL verified to Fed Spec WC-896G • CSA certified to C22.2, no. 11 file no. 10016 (6241-05)	• cULus Listed to UL20, file no. E18704 (combination) • CSA certified to C22.2, no. 11 file no. 10016 (6241-05) • NOM certified	• Listed to UL20/UL498, file no. E18704 (combination) • NOM certified, except 291
Environmental specifications	**Flammability:** Meets UL94 requirements; V0 rated **Temperature rating:** -20°C to 60°C (-4°F to 140°F)	**Flammability:** Meets UL94 requirements; V0 rated **Temperature rating:** -20°C to 60°C (-4°F to 140°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 60°C (-4°F to 140°F)	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 60°C (-4°F to 140°F)
Electrical specifications	**Dielectric voltage:** Withstands 1500V per UL20 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload and 50,000 cycles of endurance testing	**Dielectric voltage:** Withstands 1500V per UL20 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload and 50,000 cycles of endurance testing	**Dielectric voltage:** Withstands 1500V per UL20 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing	**Dielectric voltage:** Switch: Withstands 1500V per UL20 Receptacle: Withstands 2000V per UL498 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Switch: Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing Receptacle: Max. 30°C (86°F) after 100 cycles of overload at 150% of rated current (DC)
Mechanical specifications	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device **Horsepower ratings:** Rated for motor loads per UL20: 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 12A. 20A: @ 120V/AC = 1 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 16A	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device **Horsepower ratings:** Rated for motor loads per UL20: 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 12A. 20A: @ 120V/AC = 1 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 16A	**Terminal accommodation:** #14 -#12 AWG **Voltage ratings:** Permanently marked on device **Horsepower ratings:** Rated for motor loads per UL20: 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 12A	**Terminal accommodation:** #14 -#12 AWG **Voltage ratings:** Permanently marked on device **Horsepower ratings:** Switch rated for motor loads per UL20: 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 12A
Materials	**Toggle:** Nylon **Top housing:** PVC **Bottom housing:** PVC **Strap:** 0.045" thick steel, zinc plated **Terminals:** 0.031" thick brass **Terminal screws:** #8-32 steel, brass plated or zinc plated **Ground screw:** #8-32 steel, zinc plated, green **Back wire clamp:** Brass **Contacts:** Silver alloy **Moveable contact arm:** Brass **Pilot light models:** N/A **Receptacle line contacts:** N/A **Receptacle ground shunt:** N/A	**Toggle:** Nylon **Top housing:** PVC **Bottom housing:** PVC **Strap:** 0.045" thick steel, zinc plated **Terminals:** 0.031" thick brass **Terminal screws:** #8-32 steel, brass plated or zinc plated **Ground screw:** #8-32 steel, zinc plated, green **Back wire clamp:** N/A **Contacts:** Silver alloy **Moveable contact arm:** Brass **Pilot light models:** N/A **Receptacle line contacts:** N/A **Receptacle ground shunt:** N/A	**Toggle:** Nylon **Top housing:** PVC **Bottom housing:** PVC **Strap:** 0.045" thick steel, zinc plated **Terminals:** 0.03" thick brass **Terminal screws:** #8-32 steel, brass plated; neutral screw nickel plated **Ground screw:** #8-32 steel, zinc plated, green **Back wire clamp:** Brass **Contacts:** Silver alloy **Moveable contact arm:** Brass **Pilot light models:** Red polycarbonate pilot lens with long-life neon bulb **Receptacle line contacts:** N/A **Receptacle ground shunt:** N/A	**Toggle:** Nylon **Top housing:** PVC **Bottom housing:** PVC **Strap:** 0.045" thick steel, zinc plated **Terminals:** 0.03" thick brass **Terminal screws:** #8-32 steel, brass plated; neutral screw nickel plated **Ground screw:** #8-32 steel, zinc plated, green **Back wire clamp:** Brass **Contacts:** Silver alloy **Moveable contact arm:** Brass **Pilot light models:** N/A **Receptacle line contacts:** 0.030" thick brass **Receptacle ground shunt:** 0.030" thick brass

Compliances, specifications and availability are subject to change without notice.

Heavy-duty specification grade switches

Product description

Single pole, double pole, 3-way, 4-way
15A, 120/277V/AC
20A, 120/277V/AC

Device type	Heavy-duty industrial grade AC toggle switches 1200 & 1220 series
Wiring type	Back & side wire
Testing & code compliance	• cULus Listed to UL 20, file no. E18704 • UL Verified to Federal Spec WS-896-E • CSA Certified to C22.2, no. 111, file no. 10016 (6241-05)
Environmental specifications	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 60°C (-4°F to 140°F)
Electrical specifications	**Dielectric voltage:** Withstands 1500V per UL 20 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload and 50,000 cycles of endurance testing
Mechanical specifications	**Terminal accommodation:** #14 - 10 AWG **Voltage ratings:** Permanently marked on device **Horsepower ratings:** Rated for motor loads per UL 20: 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; max. amps 12A 20A: @ 120V/AC = 1 HP, @ 240V/AC = 2 HP; max. amps 12A
Materials	**Toggle:** Nylon **Top housing:** Polycarbonate **Bottom housing:** Polycarbonate **Strap:** 0.045" thick galvanized steel **Auto ground:** Phosphor bronze **Terminals:** 0.031" thick brass **Terminal screws:** #8-32 steel, brass plated, black **Ground screw:** #8-32 steel, zinc plated, green **Back wire clamp:** 0.080" thick steel **Contacts:** Silver alloy **Moveable contact arm:** 0.031" thick brass

Extra heavy-duty industrial grade toggle switches specification & performance data

Industrial grade AC toggle switches

Product description

Single pole, double pole, 3-way, 4-way
15A & 20A, 120/277V/AC; 15 & 20A, 347V/AC
30A, 120/377V/AC

Switch type	Industrial 15A & 20A 120/277V toggle switches: AH1200 & AH1220 series	Industrial 15A & 20A 347V toggle switches: AH18200 series	Industrial 30A 120/277V toggle switches: 3030 series
Wiring type	Back & side wire	Back & side wire	Back & side wire
Testing & code compliance	• cULus Listed to UL20, file no. E18704 • UL verified to Fed Spec WS-896-E • CSA certified to C22.2, no. 111, file no. 10016 (6241-05)	• Listed to UL20, file no. E135162 • UL verified to Fed Spec WS-896-E • CSA certified to C22.2, no. 111, file no. 12339 (6241-05)	• cULus Listed to UL20, file no. E18704 • UL verified to Fed Spec WS-896-E • CSA certified to C22.2, no. 111, file no. 10016 (6241-05)
Environmental specifications	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 60°C (-4°F to 140°F)	**Flammability:** Meets UL94 requirements; V0 rated **Temperature rating:** -20°C to 60°C (-4°F to 140°F)	**Flammability:** Meets UL94 requirements; V0 rated **Temperature rating:** -20°C to 60°C (-4°F to 140°F)
Electrical specifications	**Dielectric voltage:** Withstands 1500V per UL20 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing	**Dielectric voltage:** Withstands 1500V per UL20 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing	**Dielectric voltage:** Withstands 1500V per UL20 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing
Mechanical specifications	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device **Horsepower ratings:** Rated for motor loads per UL20: 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 12A, 20A: @ 120V/AC = 1 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 16A	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device **Horsepower ratings:** Rated for motor loads per UL20: 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 12A, 20A: @ 120V/AC = 1 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 16A	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device **Horsepower ratings:** Rated for motor loads per UL20: 30A: @ 120V/AC = 1 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 24A
Materials	**Toggle:** Nylon **Top housing:** Polycarbonate **Bottom housing:** Polycarbonate **Strap:** 0.045" thick galvanized steel, nickel plated **Auto ground clip:** 0.015" thick brass **Terminals:** 0.030" thick brass **Terminal screws:** #10-32 brass, black **Ground screw:** #8-32 steel, zinc plated, green **Back wire clamp:** 0.070" plated steel **Contacts:** Silver alloy **Moveable contact arm:** 0.031" thick brass **Illuminated models:** Long-life neon bulb **Pilot light models:** Red polycarbonate toggle with long-life neon bulb	**Toggle:** Polycarbonate **Top housing:** Phenolic **Bottom housing:** Phenolic **Strap:** 0.050" thick galvanized steel **Auto ground clip:** 0.016" thick brass **Terminals:** 0.032" thick high performance copper alloy **Terminal screws:** #10-32 brass, black **Ground screw:** #8-32 steel, zinc plated, green **Back wire clamp:** 0.04" thick brass **Contacts:** Silver alloy **Moveable contact arm:** 0.031" thick brass **Illuminated models:** N/A **Pilot light models:** N/A	**Toggle:** Nylon **Top housing:** Polycarbonate **Bottom housing:** Polycarbonate **Strap:** 0.045" thick galvanized steel, nickel plated **Auto ground clip:** 0.015" thick brass **Terminals:** 0.030" thick high performance copper alloy **Terminal screws:** #10-32 brass, neutral screw nickel plated **Ground screw:** #8-32 steel, zinc plated, green **Back wire clamp:** 0.070" plated steel **Contacts:** Silver alloy **Moveable contact arm:** 0.031" thick brass **Illuminated models:** Long-life neon bulb **Pilot light models:** Red polycarbonate toggle with LED

Compliances, specifications and availability are subject to change without notice.

Industrial grade three-position AC toggle switches

Product description

Single pole & double pole
15A, 20A & 30A, 120/277V/AC
Maintained & momentary contact

Switch type	Industrial 15A & 20A 120/277V maintained contact switches: 1205 & 2220 series	Industrial 15A & 20A 120/277V momentary contact switches: AH1890 & AH1990 series
Wiring type	Back & side wire	Back & side wire
Testing & code compliance	• 1205: Listed to UL508, file no. E156836 • 2220 series: cULus Listed to UL210, file no. E18704 • 2220 series: UL verified to Fed Spec WS-896 • 1205: CSA certified C22.1, no.111 • NOM certified	• Listed to UL508, file no. E135162 • UL verified to Fed Spec WS-896E • CSA certified C22.1, no. 111 • NOM certified
Environmental specifications	**Flammability:** Meets UL94 requirements; V2 rated **Temperature rating:** -20°C to 65°C (-4°F to 149°F)	**Flammability:** Meets UL94 requirements; V0 rated **Temperature rating:** -20°C to 60°C (-4°F to 140°F)
Electrical specifications	**Dielectric voltage:** Withstands 1500V per UL20 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing	**Dielectric voltage:** Withstands 1500V per UL20 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing
Mechanical specifications	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device **Horsepower ratings:** Rated for motor loads per UL20: 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 12A, 20A: @ 120V/AC = 1 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 16A	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device **Horsepower ratings:** Rated for motor loads per UL20: 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 12A, 20A: @ 120V/AC = 1 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 16A
Materials	**Toggle:** Urea **Top housing:** Urea **Bottom housing:** Phenolic **Strap:** 0.05" thick steel **Auto ground clip:** 0.016" thick brass **Terminals:** 0.032" thick brass **Terminal screws:** #8-32 brass **Ground screw:** #8-32 brass, green **Back wire clamp:** 0.031" thick brass **Contacts:** Silver alloy **Moveable contact arm:** 0.032" thick brass **Pressure plate:** 0.069" thick brass **Illuminated models:** N/A **Pilot light models:** N/A	**Toggle:** Polycarbonate **Top housing:** Urea **Bottom housing:** Urea **Strap:** 0.05" thick galvanized steel **Auto ground clip:** 0.016" thick brass **Terminals:** 0.032" thick high performance copper alloy **Terminal screws:** #10-32 brass **Ground screw:** #8-32 steel, zinc plated, green **Back wire clamp:** 0.04" thick brass **Contacts:** Silver alloy **Moveable contact arm:** 0.018" thick copper **Pressure plate:** 0.063" thick steel **Illuminated models:** N/A **Pilot light models:** N/A

Compliances, specifications and availability are subject to change without notice.

Extra heavy-duty industrial grade toggle switches specification & performance data

Industrial grade AC locking switches

Product description

Single pole, double pole, 3-way, 4-way
15A & 20A, 120/277V/AC; 15 & 20A, 347V/AC
30A, 120/377V/AC

Switch type	Industrial 15A & 20A 120/277V locking switches AH1200L & AH1220L series	Industrial 30A 120/277V locking switches 3030L series
Wiring type	Back & side wire	Back & side wire
Testing & code compliance	• cULus Listed to UL20, file no. E18704 • UL verified to Fed Spec WS-896E	• cULus Listed to UL20, file no. E18704 • UL verified to Fed Spec WS-896E • NOM certified
Environmental specifications	**Flammability:** Meets UL94 requirements; V0 rated **Temperature rating:** -20°C to 65°C (-4°F to 149°F)	**Flammability:** Meets UL94 requirements; V0 rated **Temperature rating:** -20°C to 65°C (-4°F to 149°F)
Electrical specifications	**Dielectric voltage:** Withstands 1500V per UL20 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing	**Dielectric voltage:** Withstands 1500V per UL20 **Current interrupting:** Yes, at full-rated current **Temperature rise:** Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing
Mechanical specifications	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device **Horsepower ratings:** Rated for motor loads per UL20: 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 12A 20A: @ 120V/AC = 1 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 16A	**Terminal accommodation:** #14 - #10 AWG **Voltage ratings:** Permanently marked on device **Horsepower ratings:** Rated for motor loads per UL20: 30A: @ 120V/AC = 2 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 24A
Materials	**Lock dome/housing:** Glass-filled nylon **Top housing:** Urea **Bottom housing:** Phenolic **Strap:** 0.050" thick steel **Auto ground clip:** 0.030" thick brass **Stationary terminals:** 0.032" thick brass **Terminal screws:** #8-32 brass **Ground screw:** #8-32 steel, zinc plated, green **Back wire clamp:** 0.030" thick brass **Contacts:** Silver alloy **Moveable contact arm:** 0.031" thick brass	**Lock dome/housing:** Glass-filled nylon **Top housing:** Urea **Bottom housing:** Phenolic **Strap:** 0.050" thick steel **Auto ground clip:** 0.030" thick brass **Stationary terminals:** 0.032" thick brass **Terminal screws:** #8-32 brass, neutral screw, nickel plated **Ground screw:** #8-32 steel, zinc plated, green **Back wire clamp:** 0.030" thick brass **Contacts:** Silver alloy **Moveable contact arm:** 0.032" thick brass

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