

SECTION
D



Switches

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 application, type of load or application.

Switch families

Residential grade switches



D-4

Canopy switches



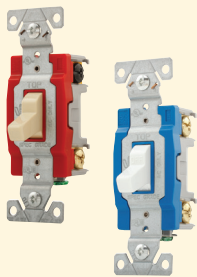
D-8

Commercial specification grade switches



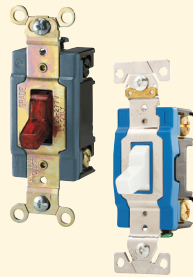
D-9

Heavy-duty specification grade switches



D-15

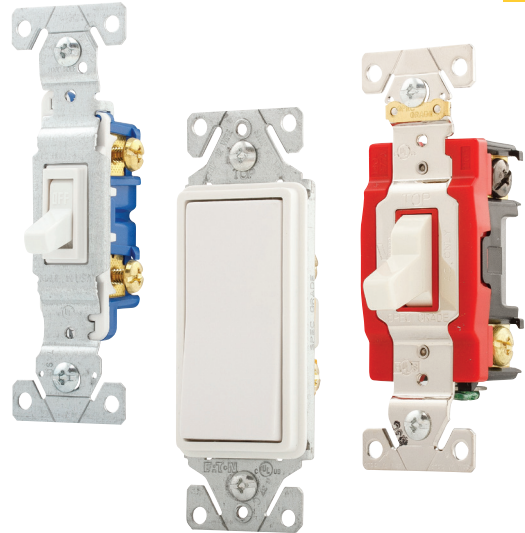
Extra heavy-duty specification grade industrial grade switches



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:
7503



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:
7601LA



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:
AH1201W



Decorator standard grade switches

Product description

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


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



7501

Decorator switches

Rating		Description	Color suffix	Catalog no.	
A	V/AC				
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		Description	Color	Catalog no.
A	V/AC			
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

Standard grade toggle switches

Product description

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

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



1303




1301-7




1301-73

Toggle switches, non-grounding

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

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

Toggle switches, grounding

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

Residential grade switches

Standard grade CO/ALR toggle switches

Product description

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

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



5221-7

CO/ALR toggle switches

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

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: V (Ivory), W (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


Design features

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



933

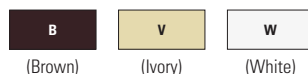
Feed-through cord switch

Rating A	V/AC	Description	Color suffix	Catalog no.	
3	120	Feed-through 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)



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

 Indicates USMCA compliant - Page Q-41

Canopy switches

Product description

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

Features

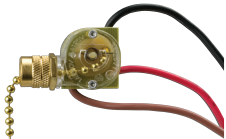
- Wide variety of sizes for use in fixtures, appliances, doorways and equipment
- Shank is threaded 15/32"-32 x 15/32" (11.8mm) long
- Hex nut and finishing nut furnished
- 6" (152.4mm) wire lead terminals, #18 105°C stripped 0.75" (19.1mm)



449NP



442



460



458BD



452

Push button

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

Pull chain

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

*cRUus Listed

Circuit control switch

Product description

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

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, #18 105°C stripped 0.75" (19.1mm)

Circuit control toggle switch

A	Rating V/AC	Circuit	Description	Sequence	Color	Catalog no.
3	250	SPST	Metal bat handle	ON-OFF	Silver	<input type="checkbox"/> 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

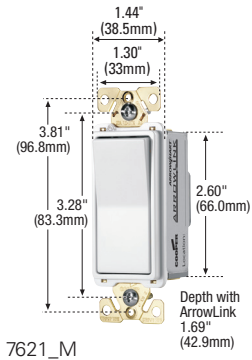
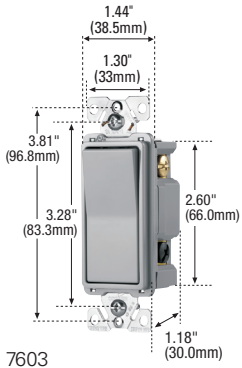
Compliances, specifications and availability are subject to change without notice.


Commercial specification grade AC decorator switches

Product description

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

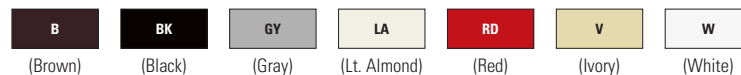
AC decorator switches, back & side wire



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

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)



Specification information: D-21

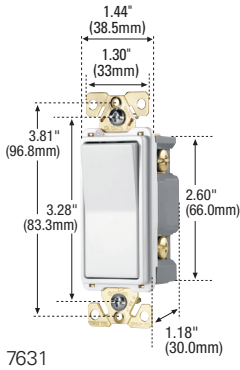
Compliances, specifications and availability are subject to change without notice.

 ArrowLink option available. Add "MOD" suffix to standard catalog number (example SGF15W, SGF15WMOD).
 For ordering information on ArrowLink & ArrowLink SPD connectors, please visit www.eaton.com/wiringdevices


Commercial specification grade AC decorator switches

Product description


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



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	<input type="checkbox"/> 7631__	•
		3-Way, lighted decorator	LA, V, W	<input type="checkbox"/> 7633__	
		4-Way, lighted decorator	LA, V, W	<input type="checkbox"/> 7634__	

AC decorator switches, back & side wire

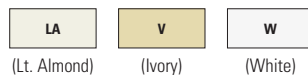
Rating A	V/AC	Description	Color suffix	Catalog no.	
15	347	Single pole, decorator	V, W	<input type="checkbox"/> 7601-347__	•
		3-Way, decorator	V, W	<input type="checkbox"/> 7603-347__	
		4-Way, decorator	V, W	<input type="checkbox"/> 7604-347__	
20	347	Single pole, decorator	V, W	<input type="checkbox"/> 7621-347__	•
		Double pole, decorator	V, W	<input type="checkbox"/> 7622-347__	
		3-Way, decorator	V, W	<input type="checkbox"/> 7623-347__	
		4-Way, decorator	V, W	<input type="checkbox"/> 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	<input type="checkbox"/> 7521W

Color ordering information:

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



Specification information: D-21

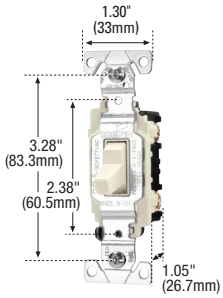
Compliances, specifications and availability are subject to change without notice.

 ArrowLink option available. Add "MOD" suffix to standard catalog number (example SGF15W, SGF15WMOD).
 For ordering information on ArrowLink & ArrowLink SPD connectors, please visit www.eaton.com/wiringdevices

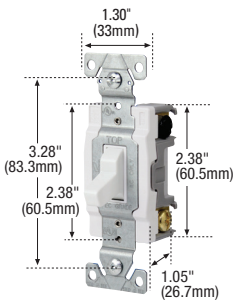
Commercial specification grade AC toggle switches

Product description

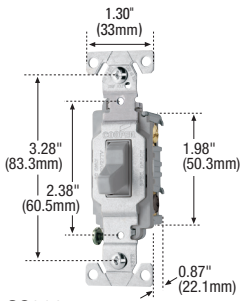
Single pole, double pole, 3-way, 4-way
15A, 120/277V/AC; 20A, 120/277V/AC



CSB320



CSB415



CS320

AC toggle switches, back & side wire



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

AC toggle switches, side wire



Rating	A	V/AC	Description	Color suffix	Catalog no.	
15	120/277		Single pole, compact toggle	B, BK, GY, LA, V, W	<input type="checkbox"/> CS115__	•
			Double pole, compact toggle	B, BK, GY, LA, V, W	<input type="checkbox"/> CS215__	•
			3-Way, compact toggle	B, BK, GY, LA, V, W	<input type="checkbox"/> CS315__	•
			4-Way, compact toggle	B, GY, LA, V, W	<input type="checkbox"/> CS415__	•
20	120/277		Single pole, compact toggle	B, BK, GY, LA, V, W	<input type="checkbox"/> CS120__	•
			Double pole, compact toggle	B, BK, GY, LA, V, W	<input type="checkbox"/> CS220__	•
			3-Way, compact toggle	B, BK, GY, LA, V, W	<input type="checkbox"/> CS320__	•
			4-Way, compact toggle	B, GY, LA, V, W	<input type="checkbox"/> CS420__	•

Accessories for commercial specification grade switches



Description	Catalog no.	
1-Gang, standard size toggle, 302/304 Stainless steel wallplate	<input type="checkbox"/> 93071	•
2-Gang, standard size toggle, 302/304 Stainless steel wallplate	<input type="checkbox"/> 93072	•
1-Gang, standard size toggle, unbreakable nylon wallplate, red	<input type="checkbox"/> 5134RD	•
2-Gang, standard size toggle, unbreakable nylon wallplate, white	<input type="checkbox"/> 5139W	•
4-Gang, standard size toggle, unbreakable nylon wallplate, white	<input type="checkbox"/> 5154W	•

Stainless steel wallplates made in China.



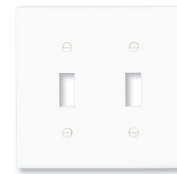
93071



93072



5124RD



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)



Specification information: D-22

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

Indicates USMCA compliant - Page Q-41

Commercial grade AC decorator combination switches

Product description

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

Decorator combination switches, back & side wire



Rating A	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__

Decorator switch with receptacle, back & side wire

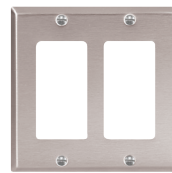
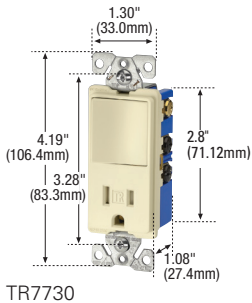
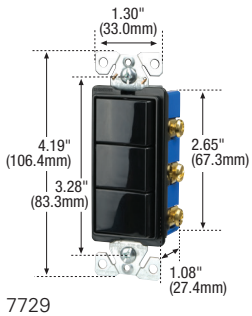
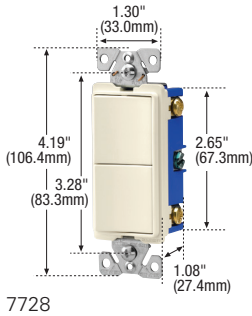


Rating A	V/AC	Description	Color suffix	Catalog no.
15	120/277	(1) Single pole with NEMA 5-15,	BK, LA, V, W	□ TR7730__
15	125	(1) 2-Pole, 3-wire tamper resistant receptacle		

Accessories for commercial specification grade switches

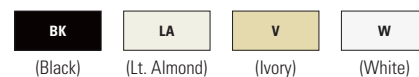
Description	Catalog no.	
1-Gang, standard size, decorator, 302/304 Stainless steel wallplate	□ 93401	•
2-Gang, standard size, decorator, 302/304 Stainless steel wallplate	□ 93402	•
1-Gang, standard size, decorator, unbreakable nylon wallplate, white	□ 5151W	•

Stainless steel wallplates made in China.



Color ordering information:

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



Specification information: D-21

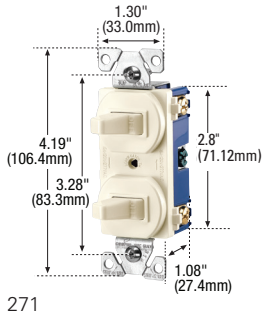
Compliances, specifications and availability are subject to change without notice.

Indicates USMCA compliant - Page Q-41

Commercial grade AC toggle combination switches

Product description

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

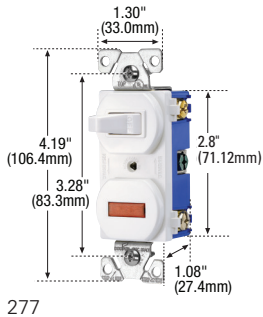


Toggle combination switches, back & side wire



Rating	A	V/AC	Description	Color suffix	Catalog no.
15	120/277	(2) Single pole, switches	B, LA, V, W	<input type="checkbox"/> 271__	
		(1) Single pole, switch with (1) 3-Way switch	B, LA, V, W	<input type="checkbox"/> 275__	
		(2) 3-Way, switches	LA, V, W	<input type="checkbox"/> 276__	
15	120	(1) Single pole, switch 1/25w (1) 125V pilot light	B, LA, V, W	<input type="checkbox"/> 277__*	
		(1) 3-Way, switch w/pilot light 1/25w (1) 125V pilot light	B, V	<input type="checkbox"/> 294__*	

* Not NOM cert

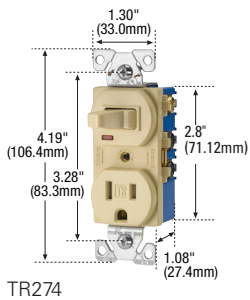


Toggle switch with receptacle, back & side wire



Rating	A	V/AC	Description	Color suffix	Catalog no.
15	120	(1) Single pole, switch with NEMA 5-15	B, BK, LA, V, W	<input type="checkbox"/> TR274__	
15	125	(1) 2-Pole, 3-wire tamper resistant receptacle			
15	120	(1) 3-Way switch with NEMA 5-15	B, BK, LA, V, W	<input type="checkbox"/> TR293__	
15	125	(1) 2-Pole, 3-wire tamper resistant receptacle			
20	120	(1) Single pole, switch with NEMA 5-20	B, BK, LA, V, W	<input type="checkbox"/> TR291__*	
20	125	(1) 2-Pole, 3-wire tamper resistant receptacle			

* Not NOM cert



Accessories for commercial specification grade toggle combination switches



Description	Catalog no.	
1-Gang, standard size duplex, 302/304 Stainless steel receptacle wallplate	<input type="checkbox"/> 93101	•
1-Gang, standard size duplex, unbreakable nylon receptacle wallplate, almond	<input type="checkbox"/> 5132A	•

Stainless steel wallplates made in China.



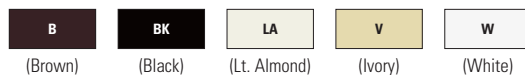
93101



5132A

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)



Specification information: D-22

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

Indicates USMCA compliant - Page Q-41

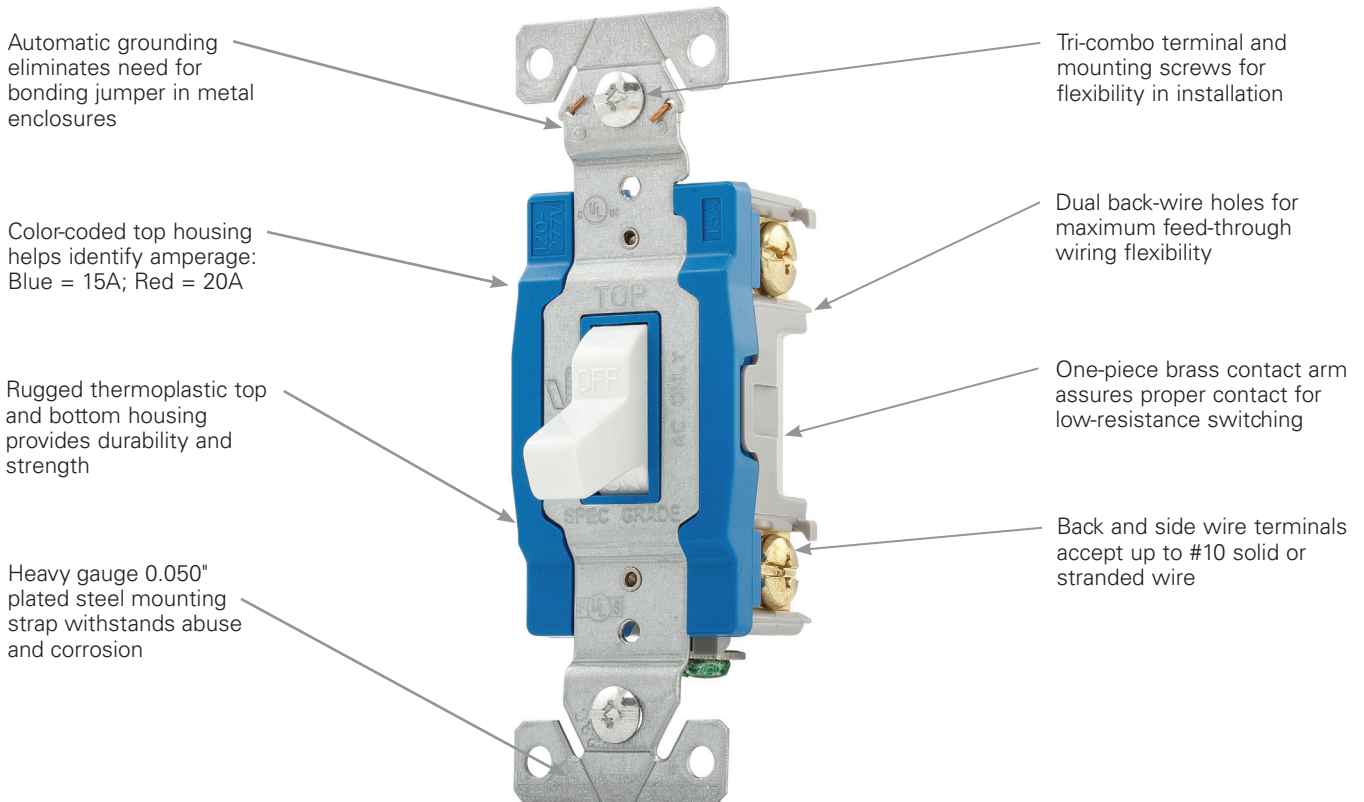
Tamper resistant

Heavy-duty specification grade switches

Robust construction for commercial applications

Arrow Hart's High Definition-Specification Grade switches are designed to provide dependable and long lasting performance in a wide range of applications.

Heavy-duty specification grade switch features & benefits



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

Eaton.com
Eaton.com/wiringdevices

D

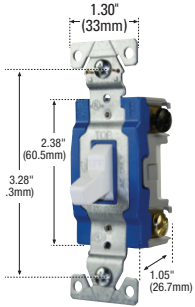
SECTION

Heavy-duty specification grade switches

Heavy-duty specification grade switches

Product description

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



1201

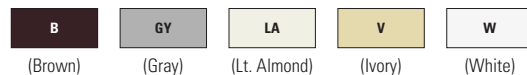
Heavy-duty specification grade switch back and side wire



Rating		Description	Color suffix	Catalog no.
A	V/AC			
15	120/277	Single pole toggle switch	B, GY, LA, V, W	<input type="checkbox"/> 1201__
15	120/277	3-Way toggle switch	B, GY, LA, V, W	<input type="checkbox"/> 1203__
20	120/277	Single pole toggle switch	B, GY, LA, V, W	<input type="checkbox"/> 1221__
20	120/277	Double pole toggle switch	B, GY, LA, V, W	<input type="checkbox"/> 1222__
20	120/277	3-Way toggle switch	B, GY, LA, V, W	<input type="checkbox"/> 1223__
20	120/277	4-Way toggle switch	B, GY, LA, V, W	<input type="checkbox"/> 1224__

Color ordering information:

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



Specification information: D-23

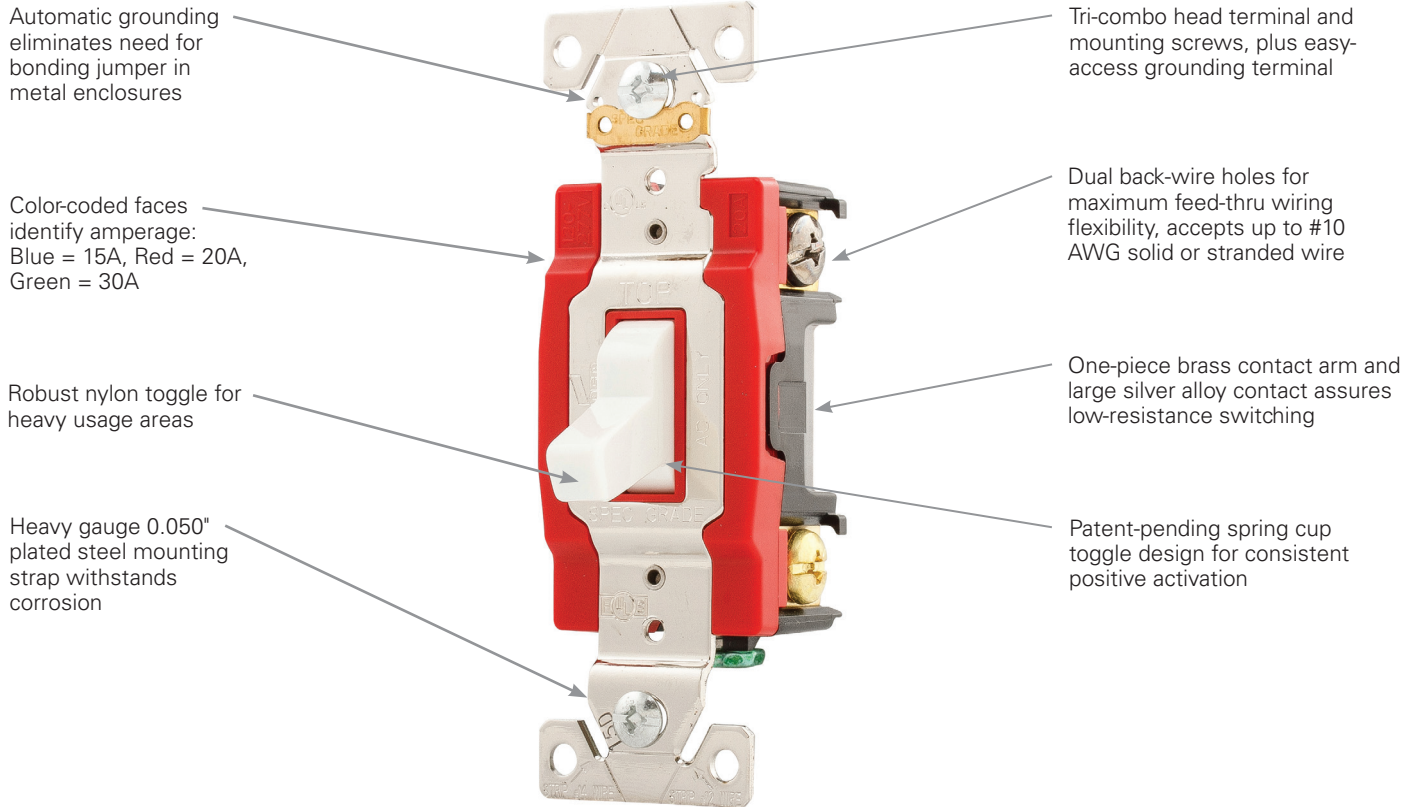
Compliances, specifications and availability are subject to change without notice.

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



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



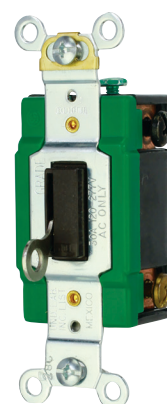
ArrowLink



Lighted & pilot lighted



Maintained momentary contact



Corbin locking & locking

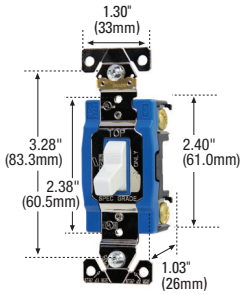
Compliances, specifications and availability are subject to change without notice.

Eaton.com
Eaton.com/wiringdevices

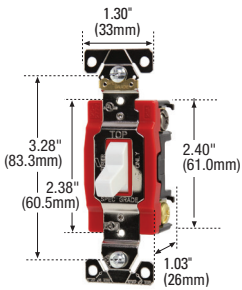
Industrial grade AC toggle switches

Product description

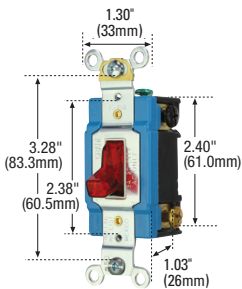
Single pole, double pole, 3-way, 4-way
 15A, 120/277V/AC; 15A, 347V/AC
 20A, 120/277V/AC; 20A, 347V/AC; 30A, 120/277V/AC



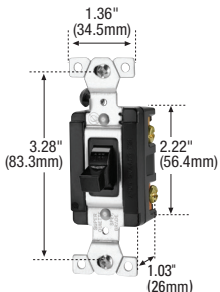
AH1201



AH1223



AH1201PL



AH18201

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



Rating	A	V/AC	Description	Color suffix	Catalog no.		
15	120/277		Single pole, toggle	B, GY, RD, V, W	<input type="checkbox"/> AH1201__	•	•
			Double pole toggle	B, GY, V, W	<input type="checkbox"/> AH1202__		•
			3-Way, toggle	B, GY, RD, V, W	<input type="checkbox"/> AH1203__		•
			4-Way, toggle	B, GY, V, W	<input type="checkbox"/> AH1204__		•
20	120/277		Single pole, toggle	B, BK, GY, LA, RD, V, W	<input type="checkbox"/> AH1221__	•	•
			Double pole toggle	B, GY, RD, V, W	<input type="checkbox"/> AH1222__		•
			3-Way, toggle	B, BK, GY, LA, RD, V, W	<input type="checkbox"/> AH1223__		•
			4-Way, toggle	B, BK, GY, LA, RD, V, W	<input type="checkbox"/> AH1224__		•
30	120/277		Single pole, toggle	B, RD, V, W	<input type="checkbox"/> 3031__*		•
			Double pole toggle	B, RD, V, W	<input type="checkbox"/> 3032__*		•

* Not NOM cert

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



Rating	A	V/AC	Description	Color suffix	Catalog no.		
15	120/277		Single pole, lighted toggle	V, W	<input type="checkbox"/> AH1201LT__	•	•
			3-Way, lighted toggle	V, W	<input type="checkbox"/> AH1203LT__		•
			Single pole, pilot lighted red toggle	RD	<input type="checkbox"/> AH1201PL		•
20	120/277		Double pole, pilot lighted red toggle	RD	<input type="checkbox"/> AH1202PL		•
			Single pole, lighted toggle	V, W	<input type="checkbox"/> AH1221LT__	•	•
			3-Way, lighted toggle	V, W	<input type="checkbox"/> AH1223LT__		•
20	120/277		Single pole, pilot lighted red toggle	RD	<input type="checkbox"/> AH1221PL		•
			Double pole, pilot lighted red toggle	RD	<input type="checkbox"/> AH1222PL		•
			30	120/277	Double pole, pilot lighted red toggle	RD	<input type="checkbox"/> 3032PL*

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

Industrial grade AC toggle switches, back & side wire

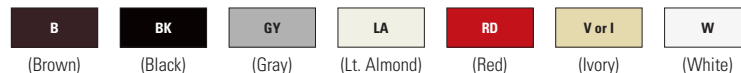


Rating	A	V/AC	Description	Color suffix	Catalog no.		
15	347		Single pole, Canadian voltage toggle	B, I, W	<input type="checkbox"/> AH18201__«		•
			Double pole, Canadian voltage toggle	B, I	<input type="checkbox"/> AH18202__«		•
			3-Way, Canadian voltage toggle	B, I, W	<input type="checkbox"/> AH18203__«		•
20	347		Single pole, Canadian voltage toggle	B, I, W	<input type="checkbox"/> AH18221__«		•
			Double pole, Canadian voltage toggle	B, I	<input type="checkbox"/> AH18222__«		•
			3-Way, Canadian voltage toggle	B, I, W	<input type="checkbox"/> 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)



Specification information: D-24

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

➡ ArrowLink option available. Add "MOD" suffix to standard catalog number (example SGF15W, SGF15WMOD).
 For ordering information on ArrowLink & ArrowLink SPD connectors, please visit www.eaton.com/wiringdevices

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Industrial grade AC three-position switches

Product description

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

AC maintained contact toggle switches, back & side wire



Rating	A	V/AC	Description	Color suffix	Catalog no.	
20	120/277		Single pole, maintained contact toggle, center off	V	<input type="checkbox"/> 2225V	•
			Double pole, maintained contact toggle, center off	B, V	<input type="checkbox"/> 2226__	•

AC momentary contact switches, side wire

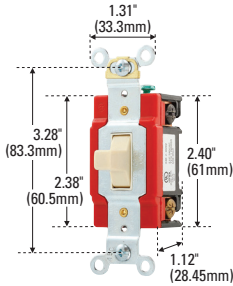


Rating	A	V/AC	Description	Color suffix	Catalog no.	
15	120/277		Single pole, momentary contact toggle, center off	B, GY, V	<input type="checkbox"/> 1895__	•
			Single pole, momentary contact locking, center off, nickel locking dome		<input type="checkbox"/> 1895L	•
20	120/277		Single pole, momentary contact toggle, center off	B, GY, RD, V	<input type="checkbox"/> 1995__	•
			Single pole, momentary contact toggle, center off	W	<input type="checkbox"/> AH1995W	•
			Single pole, momentary contact locking, center off, nickel locking dome		<input type="checkbox"/> 1995L	•

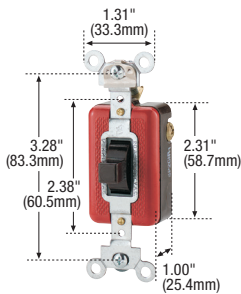
Accessories for industrial grade maintained & momentary switches

Description	Catalog no.	
Replacement key for locking switches, 1895L & 1995L	<input type="checkbox"/> AH2000	
1-Gang, standard size, toggle, 302/304 Stainless steel wallplate	<input type="checkbox"/> 93071	•
1-Gang, standard size, toggle, unbreakable nylon wallplate	<input type="checkbox"/> 5134V	•

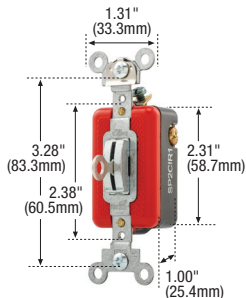
Stainless steel wallplates made in China.



2225



1995



1995L



AH2000



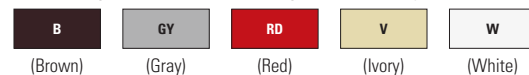
93071



5134V

Color ordering information:

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



Specification information: D-25

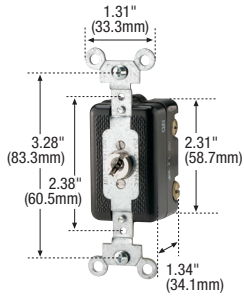
Compliances, specifications and availability are subject to change without notice.

Indicates USMCA compliant - Page Q-41

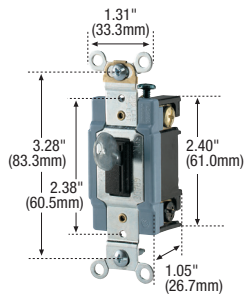
Industrial grade AC locking switches

Product description

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



AH1191N



AH1202L

Industrial grade AC Corbin type locking switches, back & side wire



Rating				
A	V/AC	Description	Catalog no.	
20	120/277	Single pole, Corbin locking switch	<input type="checkbox"/> AH1191N	•
		Single pole, Corbin locking switch, key removable in "OFF" position only	<input type="checkbox"/> AH1191NOF	•
		Double pole, Corbin locking switch	<input type="checkbox"/> AH1192N	•
		3-Way, Corbin locking switch	<input type="checkbox"/> AH1193N	•

AC locking switches, back & side wire



Rating				
A	V/AC	Description	Catalog no.	
15	120/277	Single pole, locking switch	<input type="checkbox"/> AH1201L	•
		Double pole, locking switch	<input type="checkbox"/> AH1202L	•
		3-Way, locking switch	<input type="checkbox"/> AH1203L	•
		4-Way, locking switch	<input type="checkbox"/> AH1204L	
20	120/277	Single pole, locking switch	<input type="checkbox"/> AH1221L	•
		Double pole, locking switch	<input type="checkbox"/> AH1222L	•
		3-Way, locking switch	<input type="checkbox"/> AH1223L	•
		4-Way, locking switch	<input type="checkbox"/> AH1224L	•
30	120/277	Single pole, locking switch	<input type="checkbox"/> 3031L*	
		Double pole, locking switch	<input type="checkbox"/> 3032L*	

* Not Nom cert

Accessories for industrial grade switches

Description	Catalog no.	
Replacement key for Corbin locking switches	<input type="checkbox"/> AH14	
Stainless steel wallplate for Corbin locking switches with "ON-OFF" indicator engraving	<input type="checkbox"/> AH1187	•
Stainless steel wallplate for Corbin locking switches	<input type="checkbox"/> AH1188	•
Replacement key for locking switches, 1895L & 1995L	<input type="checkbox"/> AH2000	•

Stainless steel wallplates made in China.



AH2000



AH14



AH1187



AH1188

Specification information: D-26

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

Indicates USMCA compliant - Page Q-41

Commercial decorator switches specification & performance data

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	<ul style="list-style-type: none"> cULus Listed to UL20, file no. E18704 UL verified to Fed Spec WC-896E 	<ul style="list-style-type: none"> cULus Listed to UL20/UL498, file no. E18704 (combination) 	<ul style="list-style-type: none"> cULus Listed to UL20/UL498, file no. E18704 (combination)
Environmental specifications	<p>Flammability: Meets UL94 requirements; V2 rated</p> <p>Temperature rating: -20°C to 60°C (-4°F to 140°F)</p>	<p>Flammability: Meets UL94 requirements; V2 rated</p> <p>Temperature rating: -20°C to 60°C (-4°F to 140°F)</p>	<p>Flammability: Meets UL94 requirements; V2 rated</p> <p>Temperature rating: -20°C to 60°C (-4°F to 140°F)</p>
Electrical specifications	<p>Dielectric voltage: Withstands 1500V per UL20</p> <p>Current interrupting: Yes, at full-rated current</p> <p>Temperature rise: Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing</p>	<p>Dielectric voltage: Withstands 1500V per UL20</p> <p>Current interrupting: Yes, at full-rated current</p> <p>Temperature rise: Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing</p>	<p>Dielectric voltage: Withstands 1500V per UL20</p> <p>Current interrupting: Yes, at full-rated current</p> <p>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)</p>
Mechanical specifications	<p>Terminal accommodation: #14 - #10 AWG</p> <p>Voltage ratings: Permanently marked on device</p> <p>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</p>	<p>Terminal accommodation: #14 - #10 AWG</p> <p>Voltage ratings: Permanently marked on device</p> <p>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</p>	<p>Terminal accommodation: #14 - #12 AWG</p> <p>Voltage ratings: Permanently marked on device</p> <p>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</p>
Materials	<p>Paddle: Polycarbonate</p> <p>Top housing: Polycarbonate</p> <p>Bottom housing: PVC</p> <p>Strap: 0.045" thick steel, zinc plated, (yellow chromate on 20A)</p> <p>Auto ground clip: Phosphor bronze</p> <p>Terminals: 0.035" thick brass</p> <p>Terminal screws: #8-32 steel with #10 head, brass plated; neutral screw nickel plated</p> <p>Ground screw: #8-32 steel, brass plated, green</p> <p>Back wire clamp: Steel, brass plated</p> <p>Contacts: Silver alloy</p> <p>Moveable contact arm: Brass</p> <p>Illuminated models: Long-life neon bulb</p> <p>Pilot light models: Red polycarbonate pilot lens with long-life neon bulb</p> <p>Receptacle line contacts: N/A</p> <p>Receptacle ground shunt: N/A</p>	<p>Paddle: PVC</p> <p>Top housing: PVC</p> <p>Bottom housing: PVC</p> <p>Strap: 0.045" thick steel, zinc plated</p> <p>Auto ground clip: Phosphor bronze</p> <p>Terminals: 0.03" thick brass</p> <p>Terminal screws: #8-32 steel, brass plated; neutral screw nickel plated</p> <p>Ground screw: #8-32 steel, brass plated, green</p> <p>Back wire clamp: Steel, brass plated</p> <p>Contacts: Silver alloy</p> <p>Moveable contact arm: Brass</p> <p>Illuminated models: N/A</p> <p>Pilot light models: N/A</p> <p>Receptacle line contacts: N/A</p> <p>Receptacle ground shunt: N/A</p>	<p>Paddle: PVC</p> <p>Top housing: PVC</p> <p>Bottom housing: PVC</p> <p>Strap: 0.045" thick steel, zinc plated</p> <p>Auto ground clip: Phosphor bronze</p> <p>Terminals: 0.03" thick brass</p> <p>Terminal screws: #8-32 steel, brass plated; neutral screw nickel plated</p> <p>Ground screw: #8-32 steel, brass plated, green</p> <p>Back wire clamp: Steel, brass plated</p> <p>Contacts: Silver alloy</p> <p>Moveable contact arm: Brass</p> <p>Illuminated models: N/A</p> <p>Pilot light models: N/A</p> <p>Receptacle line contacts: 0.03" thick brass</p> <p>Receptacle ground shunt: 0.03" thick brass</p>

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	<ul style="list-style-type: none"> cULus Listed to UL20, file no. E18704 UL verified to Fed Spec WC-896G 	<ul style="list-style-type: none"> 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) 	<ul style="list-style-type: none"> cULus Listed to UL20, file no. E18704 (combination) CSA certified to C22.2, no. 11 file no. 10016 (6241-05) NOM certified 	<ul style="list-style-type: none"> Listed to UL20/UL498, file no. E18704 (combination) NOM certified, except 291
Environmental specifications	<p>Flammability: Meets UL94 requirements; V0 rated</p> <p>Temperature rating: -20°C to 60°C (-4°F to 140°F)</p>	<p>Flammability: Meets UL94 requirements; V0 rated</p> <p>Temperature rating: -20°C to 60°C (-4°F to 140°F)</p>	<p>Flammability: Meets UL94 requirements; V2 rated</p> <p>Temperature rating: -20°C to 60°C (-4°F to 140°F)</p>	<p>Flammability: Meets UL94 requirements; V2 rated</p> <p>Temperature rating: -20°C to 60°C (-4°F to 140°F)</p>
Electrical specifications	<p>Dielectric voltage: Withstands 1500V per UL20</p> <p>Current interrupting: Yes, at full-rated current</p> <p>Temperature rise: Max. 30°C (86°F) after 100 cycles of overload and 50,000 cycles of endurance testing</p>	<p>Dielectric voltage: Withstands 1500V per UL20</p> <p>Current interrupting: Yes, at full-rated current</p> <p>Temperature rise: Max. 30°C (86°F) after 100 cycles of overload and 50,000 cycles of endurance testing</p>	<p>Dielectric voltage: Withstands 1500V per UL20</p> <p>Current interrupting: Yes, at full-rated current</p> <p>Temperature rise: Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing</p>	<p>Dielectric voltage: Switch: Withstands 1500V per UL20 Receptacle: Withstands 2000V per UL498</p> <p>Current interrupting: Yes, at full-rated current</p> <p>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)</p>
Mechanical specifications	<p>Terminal accommodation: #14 - #10 AWG</p> <p>Voltage ratings: Permanently marked on device</p> <p>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</p>	<p>Terminal accommodation: #14 - #10 AWG</p> <p>Voltage ratings: Permanently marked on device</p> <p>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</p>	<p>Terminal accommodation: #14 - #12 AWG</p> <p>Voltage ratings: Permanently marked on device</p> <p>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</p>	<p>Terminal accommodation: #14 - #12 AWG</p> <p>Voltage ratings: Permanently marked on device</p> <p>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</p>
Materials	<p>Toggle: Nylon</p> <p>Top housing: PVC</p> <p>Bottom housing: PVC</p> <p>Strap: 0.045" thick steel, zinc plated</p> <p>Terminals: 0.031" thick brass</p> <p>Terminal screws: #8-32 steel, brass plated or zinc plated</p> <p>Ground screw: #8-32 steel, zinc plated, green</p> <p>Back wire clamp: Brass</p> <p>Contacts: Silver alloy</p> <p>Moveable contact arm: Brass</p> <p>Pilot light models: N/A</p> <p>Receptacle line contacts: N/A</p> <p>Receptacle ground shunt: N/A</p>	<p>Toggle: Nylon</p> <p>Top housing: PVC</p> <p>Bottom housing: PVC</p> <p>Strap: 0.045" thick steel, zinc plated</p> <p>Terminals: 0.031" thick brass</p> <p>Terminal screws: #8-32 steel, brass plated or zinc plated</p> <p>Ground screw: #8-32 steel, zinc plated, green</p> <p>Back wire clamp: N/A</p> <p>Contacts: Silver alloy</p> <p>Moveable contact arm: Brass</p> <p>Pilot light models: N/A</p> <p>Receptacle line contacts: N/A</p> <p>Receptacle ground shunt: N/A</p>	<p>Toggle: Nylon</p> <p>Top housing: PVC</p> <p>Bottom housing: PVC</p> <p>Strap: 0.045" thick steel, zinc plated</p> <p>Terminals: 0.03" thick brass</p> <p>Terminal screws: #8-32 steel, brass plated; neutral screw nickel plated</p> <p>Ground screw: #8-32 steel, zinc plated, green</p> <p>Back wire clamp: Brass</p> <p>Contacts: Silver alloy</p> <p>Moveable contact arm: Brass</p> <p>Pilot light models: Red polycarbonate pilot lens with long-life neon bulb</p> <p>Receptacle line contacts: N/A</p> <p>Receptacle ground shunt: N/A</p>	<p>Toggle: Nylon</p> <p>Top housing: PVC</p> <p>Bottom housing: PVC</p> <p>Strap: 0.045" thick steel, zinc plated</p> <p>Terminals: 0.03" thick brass</p> <p>Terminal screws: #8-32 steel, brass plated; neutral screw nickel plated</p> <p>Ground screw: #8-32 steel, zinc plated, green</p> <p>Back wire clamp: Brass</p> <p>Contacts: Silver alloy</p> <p>Moveable contact arm: Brass</p> <p>Pilot light models: N/A</p> <p>Receptacle line contacts: 0.030" thick brass</p> <p>Receptacle ground shunt: 0.030" thick brass</p>

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

Heavy-duty specification grade toggle switches specification & performance data

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	<ul style="list-style-type: none"> • 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	<p>Flammability: Meets UL94 requirements; V2 rated</p> <p>Temperature rating: -20°C to 60°C (-4°F to 140°F)</p>
Electrical specifications	<p>Dielectric voltage: Withstands 1500V per UL 20</p> <p>Current interrupting: Yes, at full-rated current</p> <p>Temperature rise: Max. 30°C (86°F) after 100 cycles of overload and 50,000 cycles of endurance testing</p>
Mechanical specifications	<p>Terminal accommodation: #14 - 10 AWG</p> <p>Voltage ratings: Permanently marked on device</p> <p>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</p>
Materials	<p>Toggle: Nylon</p> <p>Top housing: Polycarbonate</p> <p>Bottom housing: Polycarbonate</p> <p>Strap: 0.045" thick galvanized steel</p> <p>Auto ground: Phosphor bronze</p> <p>Terminals: 0.031" thick brass</p> <p>Terminal screws: #8-32 steel, brass plated, black</p> <p>Ground screw: #8-32 steel, zinc plated, green</p> <p>Back wire clamp: 0.080" thick steel</p> <p>Contacts: Silver alloy</p> <p>Moveable contact arm: 0.031" thick brass</p>

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

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	<ul style="list-style-type: none"> 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) 	<ul style="list-style-type: none"> 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) 	<ul style="list-style-type: none"> 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	<p>Flammability: Meets UL94 requirements; V2 rated</p> <p>Temperature rating: -20°C to 60°C (-4°F to 140°F)</p>	<p>Flammability: Meets UL94 requirements; V0 rated</p> <p>Temperature rating: -20°C to 60°C (-4°F to 140°F)</p>	<p>Flammability: Meets UL94 requirements; V0 rated</p> <p>Temperature rating: -20°C to 60°C (-4°F to 140°F)</p>
Electrical specifications	<p>Dielectric voltage: Withstands 1500V per UL20</p> <p>Current interrupting: Yes, at full-rated current</p> <p>Temperature rise: Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing</p>	<p>Dielectric voltage: Withstands 1500V per UL20</p> <p>Current interrupting: Yes, at full-rated current</p> <p>Temperature rise: Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing</p>	<p>Dielectric voltage: Withstands 1500V per UL20</p> <p>Current interrupting: Yes, at full-rated current</p> <p>Temperature rise: Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing</p>
Mechanical specifications	<p>Terminal accommodation: #14 - #10 AWG</p> <p>Voltage ratings: Permanently marked on device</p> <p>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</p>	<p>Terminal accommodation: #14 - #10 AWG</p> <p>Voltage ratings: Permanently marked on device</p> <p>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</p>	<p>Terminal accommodation: #14 - #10 AWG</p> <p>Voltage ratings: Permanently marked on device</p> <p>Horsepower ratings: Rated for motor loads per UL20: 30A: @ 120V/AC = 1 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 24A</p>
Materials	<p>Toggle: Nylon</p> <p>Top housing: Polycarbonate</p> <p>Bottom housing: Polycarbonate</p> <p>Strap: 0.045" thick galvanized steel, nickel plated</p> <p>Auto ground clip: 0.015" thick brass</p> <p>Terminals: 0.030" thick brass</p> <p>Terminal screws: #10-32 brass, black</p> <p>Ground screw: #8-32 steel, zinc plated, green</p> <p>Back wire clamp: 0.070" plated steel</p> <p>Contacts: Silver alloy</p> <p>Moveable contact arm: 0.031" thick brass</p> <p>Illuminated models: Long-life neon bulb</p> <p>Pilot light models: Red polycarbonate toggle with long-life neon bulb</p>	<p>Toggle: Polycarbonate</p> <p>Top housing: Phenolic</p> <p>Bottom housing: Phenolic</p> <p>Strap: 0.050" thick galvanized steel</p> <p>Auto ground clip: 0.016" thick brass</p> <p>Terminals: 0.032" thick high performance copper alloy</p> <p>Terminal screws: #10-32 brass, black</p> <p>Ground screw: #8-32 steel, zinc plated, green</p> <p>Back wire clamp: 0.04" thick brass</p> <p>Contacts: Silver alloy</p> <p>Moveable contact arm: 0.031" thick brass</p> <p>Illuminated models: N/A</p> <p>Pilot light models: N/A</p>	<p>Toggle: Nylon</p> <p>Top housing: Polycarbonate</p> <p>Bottom housing: Polycarbonate</p> <p>Strap: 0.045" thick galvanized steel, nickel plated</p> <p>Auto ground clip: 0.015" thick brass</p> <p>Terminals: 0.030" thick high performance copper alloy</p> <p>Terminal screws: #10-32 brass, neutral screw nickel plated</p> <p>Ground screw: #8-32 steel, zinc plated, green</p> <p>Back wire clamp: 0.070" plated steel</p> <p>Contacts: Silver alloy</p> <p>Moveable contact arm: 0.031" thick brass</p> <p>Illuminated models: Long-life neon bulb</p> <p>Pilot light models: Red polycarbonate toggle with LED</p>

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

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

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	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 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 20A 120/277V Corbin locking switches AH1190N series	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	Back & side wire
Testing & code compliance	<ul style="list-style-type: none"> cULus Listed to UL20, file no. E135162 UL verified to Fed Spec WS-896E 	<ul style="list-style-type: none"> cULus Listed to UL20, file no. E18704 UL verified to Fed Spec WS-896E 	<ul style="list-style-type: none"> cULus Listed to UL20, file no. E18704 UL verified to Fed Spec WS-896E NOM certified
Environmental specifications	<p>Flammability: Meets UL94 requirements; V0 rated</p> <p>Temperature rating: -20°C to 65°C (-4°F to 149°F)</p>	<p>Flammability: Meets UL94 requirements; V0 rated</p> <p>Temperature rating: -20°C to 65°C (-4°F to 149°F)</p>	<p>Flammability: Meets UL94 requirements; V0 rated</p> <p>Temperature rating: -20°C to 65°C (-4°F to 149°F)</p>
Electrical specifications	<p>Dielectric voltage: Withstands 1500V per UL20</p> <p>Current interrupting: Yes, at full-rated current</p> <p>Temperature rise: Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing</p>	<p>Dielectric voltage: Withstands 1500V per UL20</p> <p>Current interrupting: Yes, at full-rated current</p> <p>Temperature rise: Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing</p>	<p>Dielectric voltage: Withstands 1500V per UL20</p> <p>Current interrupting: Yes, at full-rated current</p> <p>Temperature rise: Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing</p>
Mechanical specifications	<p>Terminal accommodation: #14 - #12 AWG</p> <p>Voltage ratings: Permanently marked on device</p> <p>Horsepower ratings: Rated for motor loads per UL20: 20A: @ 120V/AC = 1 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 16A</p>	<p>Terminal accommodation: #14 - #10 AWG</p> <p>Voltage ratings: Permanently marked on device</p> <p>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</p>	<p>Terminal accommodation: #14 - #10 AWG</p> <p>Voltage ratings: Permanently marked on device</p> <p>Horsepower ratings: Rated for motor loads per UL20: 30A: @ 120V/AC = 2 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 24A</p>
Materials	<p>Lock dome/housing: Steel, nickel plated</p> <p>Top housing: Urea</p> <p>Bottom housing: Urea</p> <p>Strap: 0.05" steel</p> <p>Auto ground clip: N/A</p> <p>Stationary terminals: 0.042" thick brass</p> <p>Terminal screws: #6-32 brass</p> <p>Ground screw: #6-32 brass</p> <p>Back wire clamp: 0.062" thick steel</p> <p>Contacts: Silver alloy</p> <p>Moveable contact arm: 0.042" thick brass</p>	<p>Lock dome/housing: Glass-filled nylon</p> <p>Top housing: Urea</p> <p>Bottom housing: Phenolic</p> <p>Strap: 0.050" thick steel</p> <p>Auto ground clip: 0.030" thick brass</p> <p>Stationary terminals: 0.032" thick brass</p> <p>Terminal screws: #8-32 brass</p> <p>Ground screw: #8-32 steel, zinc plated, green</p> <p>Back wire clamp: 0.030" thick brass</p> <p>Contacts: Silver alloy</p> <p>Moveable contact arm: 0.031" thick brass</p>	<p>Lock dome/housing: Glass-filled nylon</p> <p>Top housing: Urea</p> <p>Bottom housing: Phenolic</p> <p>Strap: 0.050" thick steel</p> <p>Auto ground clip: 0.030" thick brass</p> <p>Stationary terminals: 0.032" thick brass</p> <p>Terminal screws: #8-32 brass, neutral screw, nickel plated</p> <p>Ground screw: #8-32 steel, zinc plated, green</p> <p>Back wire clamp: 0.030" thick brass</p> <p>Contacts: Silver alloy</p> <p>Moveable contact arm: 0.032" thick brass</p>

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

Industrial & commercial ArrowLink switches specification & performance data

Industrial, construction & commercial grade ArrowLink modular switches

Product description

Single pole
15A, 120/277V/AC
20A, 120/277V/AC

Switch type	Industrial grade toggle: AH1201_M, AH1221_M series;	Commercial grade decorator: 7600_M series;
Wiring type	Back & side wire	Back & side wire
Testing & code compliance	<ul style="list-style-type: none"> cULus Listed to UL20, file no. E18704 UL verified to Fed Spec WS-896 NOM certified 	<ul style="list-style-type: none"> cULus Listed to UL20, file no. E18704 UL verified to Fed Spec WS-896
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 60°C (-4°F to 140°F)
Electrical specifications	Max. working voltage, continuous current & endurance: Maximum working voltage 277V/AC Max. cont. current: 15A, 20A Endurance: 50,000 cycles min. Overload: Minimum 4.8 times rated current for 100 cycles Temperature rise: Max. 30°C (86°F) after 250 cycles of overload @ 200% of rated current (DC) Horsepower ratings: Horsepower rated for motor loads per UL20: 15A @ 120V/AC = 1/2 HP; @ 240V/AC = 2 HP, @ 277V/AC = 2 HP, 20A @ 120V/AC = 1 HP; @ 240V/AC = 2 HP, @ 277V/AC = 2 HP	Max. working voltage, continuous current & endurance: Maximum working voltage 277V/AC Max. cont. current: 15A, 20A Endurance: 50,000 cycles min. Overload: Minimum 4.8 times rated current for 100 cycles Temperature rise: Max. 30°C (86°F) after 100 cycles of overload & 30,000 cycles of endurance Horsepower ratings: Horsepower rated for motor loads per UL20: 15A @ 120V/AC = 1/2 HP; @ 240V/AC = 2 HP, @ 277V/AC = 2 HP, 20A @ 120V/AC = 1 HP; @ 240V/AC = 2 HP, @ 277V/AC = 2 HP
Mechanical specifications	Terminal accommodation: #14 - #10 AWG Voltage ratings: Permanently marked on device	Terminal accommodation: #14 - #10 AWG Voltage ratings: Permanently marked on device
Materials	Toggle/paddle: Urea Top & bottom housing: Top: Urea; Bottom: Phenolic Strap: 0.050" thick galvanized steel Auto ground clip: 0.030" thick brass Terminals: 0.031" thick brass Terminal & ground screws: #8-32 brass, black screw; ground: #8-32 steel, zinc plated, green Contacts: Silver alloy Moveable contact arm: 0.031" thick brass Pressure plate: 0.068" thick brass Illuminated models: Long-life neon bulb	Toggle/paddle: Polycarbonate Top & bottom housing: Top: polycarbonate; Bottom: 0.045" thick PVC Strap: 0.050" thick steel, zinc plated, (yellow chromate on 20A) Auto ground clip: Phosphor bronze wire Terminals: 0.035" thick brass Terminal & ground screws: #8-32 steel, brass plated; neutral screw nickel plated, ground screw, green Contacts: Silver alloy Moveable contact arm: 0.035" thick brass Pressure plate: 0.035" thick brass Illuminated models: Long-life neon bulb

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