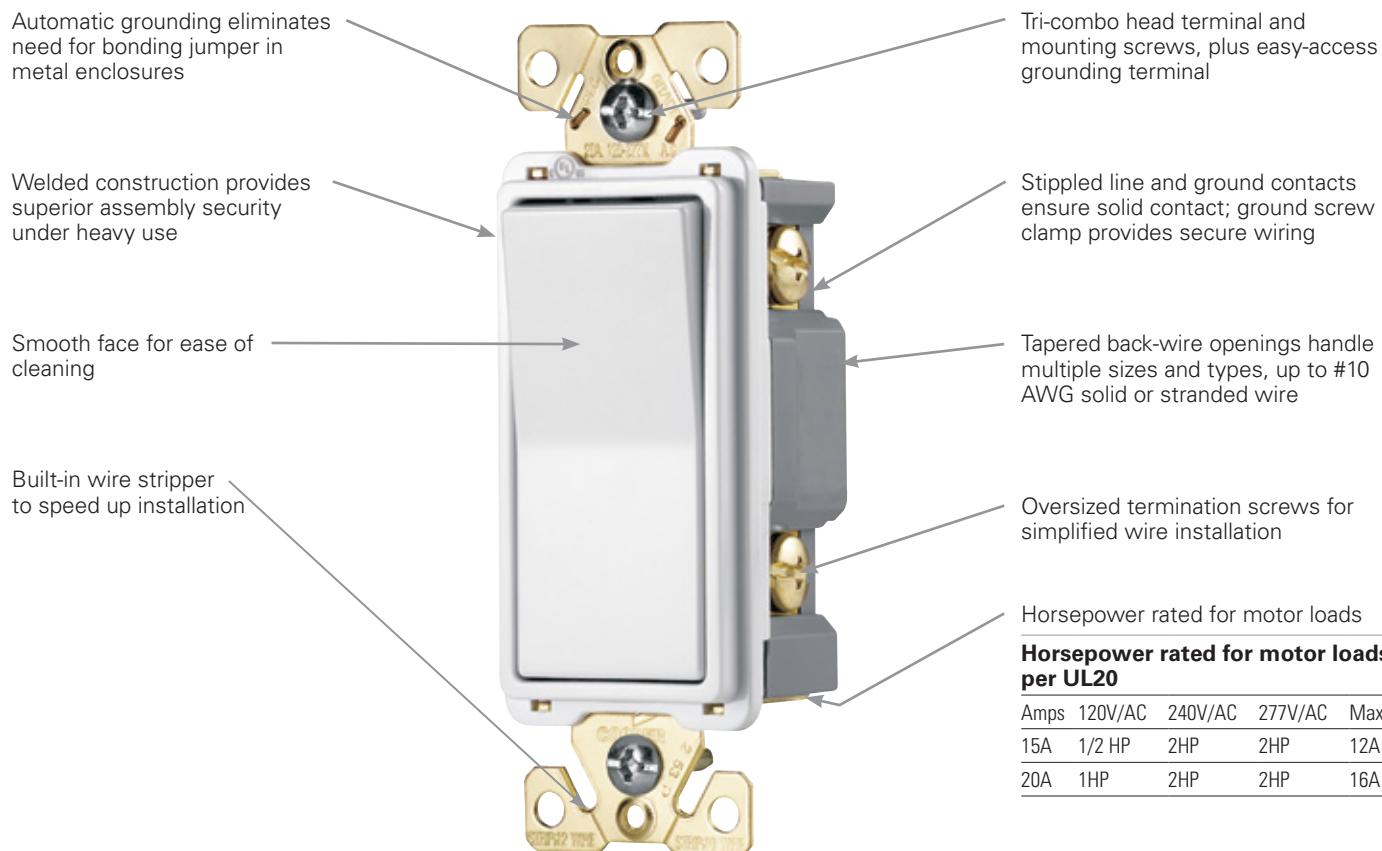


Commercial grade switches

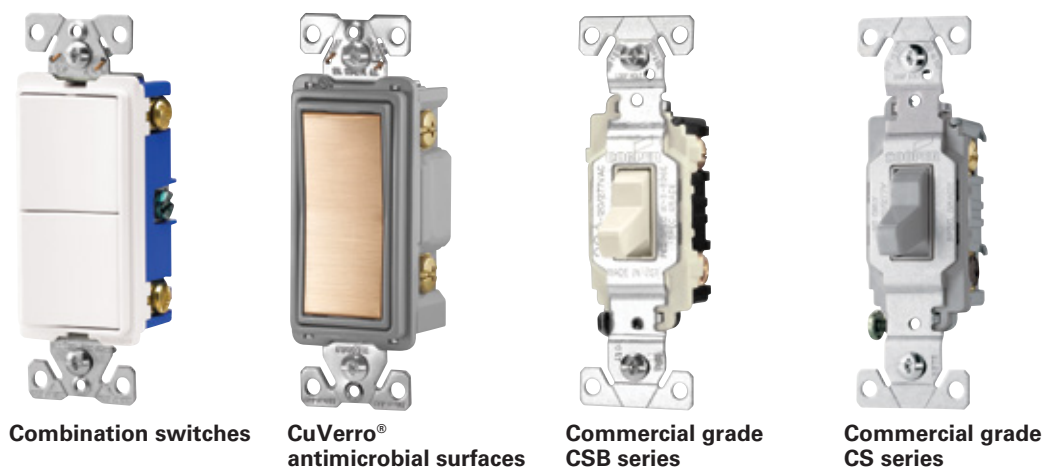
Designed for the most demanding commercial applications

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

Commercial grade AC switch features & benefits



A complete line of switches available for any commercial application:



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

www.eaton.com
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Commercial grade AC toggle switches

Product description

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

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	☐ CSB115__	•	•	•
		Single-pole, small toggle	A, 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	A, 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	V/AC	Description	Color suffix	Catalog no.			
15	120/277	Single-pole, compact toggle	A, 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	A, 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	•	•
1-Gang, standard size toggle, unbreakable nylon wallplate, red	☐ 5134RD	•	•
2-Gang, standard size toggle, unbreakable nylon wallplate, white	☐ 5139W	•	•
4-Gang, standard size toggle, unbreakable nylon wallplate, white	☐ 5154W	•	•



93071



93072



5124RD



5139W



5154W

Color ordering information:

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

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

Specification information: 120/277V/AC commercial toggle: E-41

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



Build-to-spec customizable devices - Page E-6



Indicates NAFTA compliant - Page Q-32



RoHS compliant - Page Q-32

Commercial toggle switches specification & performance data

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