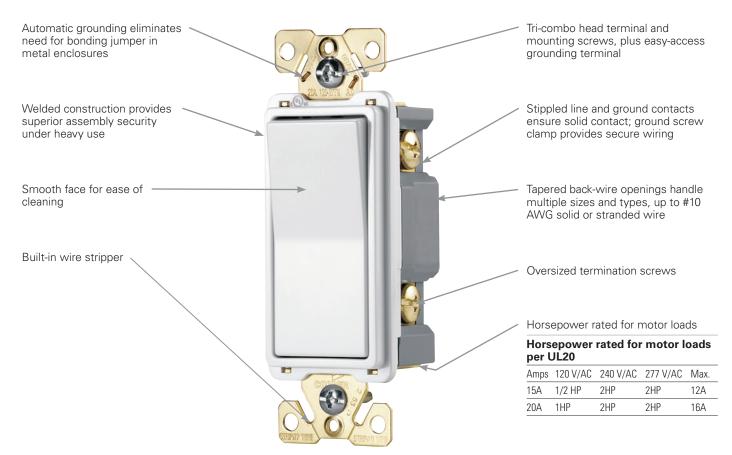
Commercial grade switches



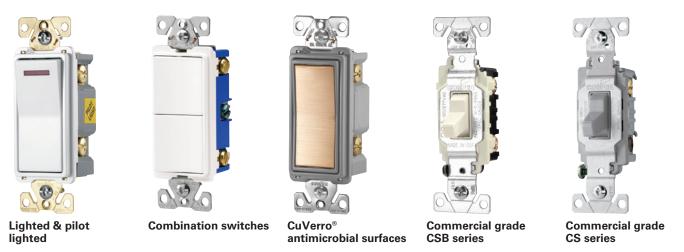
Designed for reliability and durability in commercial applications

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.



271

4['].19" (106.4mm) 3.28 (83.3mm

277

Commercial grade switches

Commercial grade AC toggle combination switches

Product description

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

20A, 120V/AC









A A	ating V/AC	Description	Color suffix	Catalog no.	RaHS
15	120/277	(2) Single-pole, switches	A, B, LA, V, W	□ 271 <u></u>	•
		(1) Single-pole, switch with (1) 3-Way switch	B, LA, V, W	□ 275	•
		(2) 3-Way, switches	LA, V, W	□ 276	•
15	120	(1) Single-pole, switch 1/25w (1) 125V pilot light	B, LA, V, W	□ 277*	•
		(1) 3-Way, switch w/pilot light 1/25w (1) 125V pilot light	B, V	□ 294*	•

^{*} Not NOM cert





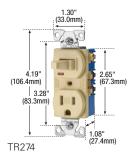






R	Rating				
<u>A</u>	V/AC	Description	Color suffix	Catalog no.	Rishs
15 15	120 125	(1) Single-pole, switch with nema 5-15 (1) 2-Pole, 3-wire tamper resistant receptacle	A, B, BK, LA, V, W	□ TR274	•
15 15	120 125	(1) 3-Way switch with nema 5-15 (1) 2-Pole, 3-wire tamper resistant receptacle	A, B, BK, LA, V, W	☐ TR293	•
15 20	120 125	(1) Single-pole, switch with nema 5-20 (1) 2-Pole, 3-wire tamper resistant receptacle	A, B, BK, LA, V, W	□ TR291*	•

^{*} Not NOM cert



Accessories for commercial specification grade toggle combination switches	UL cULus (S	•
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	• •





93101

5132A

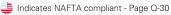
Color ordering information:

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



Specification information: 120/277 V/AC commercial toggle combination: E-40 Compliances, specifications and availability are subject to change without notice.







Commercial toggle switches specification & performance data



Commercial grade 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 	UL verified to Fed Spec WC-896G	cULus Listed to UL20, file no. E18704 (combination) CSA certified to C22.2, no. 11 file no. 10016 (6241-05) NOM certified	E18704 (combination)
Environmental specifications	Flammability: Meets UL94 requirements; V0 rated Temperature rating: -20°C to 60°C	Flammability: Meets UL94 requirements; V0 rated Temperature rating: -20°C to 60°C	Flammability: Meets UL94 requirements; V2 rated Temperature rating: -20°C to 60°C	Flammability: Meets UL94 requirements; V2 rated Temperature rating: -20°C to 60°C
	(-4°F to 140°F)	(-4°F to 140°F)	(-4°F to 140°F)	(-4°F to 140°F)
Electrical specifications	Dielectric voltage: Withstands 1500V per UL20	Dielectric voltage: Withstands 1500V per UL20	Dielectric voltage: Withstands 1500V per UL20	Dielectric voltage: Switch: Withstands 1500V per UL20 Receptacle: Withstands 2000V per UL498
	Current interrupting: Yes, at full- rated current	Current interrupting: Yes, at full-rated current	Current interrupting: Yes, at full-rated current	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	Temperature rise: Max. 30°C (86°F) after 100 cycles of overload and 50,000 cycles of endurance testing	Temperature rise: Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing	Temperature rise: Switch: Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles o endurance testing Receptacle: Max. 30°C (86°F) after 100 cycles of overload at 150% of rated current (DC)
Mechanical	Terminal accommodation:	Terminal accommodation:	Terminal accommodation:	Terminal accommodation:
specifications	#14 - 10 AWG Voltage ratings: Permanently marked on device	#14 - 10 AWG Voltage ratings: Permanently marked on device	#14 -12 AWG Voltage ratings: Permanently marked on device	#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. 20A: @ 120V/AC =		Horsepower ratings: Rated for motor loads per UL20: 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2	
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	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	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	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: N/A	Receptacle ground shunt: N/A	Receptacle ground shunt: N/A	Receptacle ground shunt: 0.030" thick brass