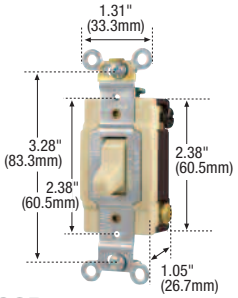
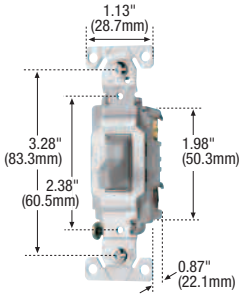


CSB320



CSB415



CS320

Commercial Specification Grade AC Toggle Switches

15A, 120/277V/AC
20A, 120/277V/AC
Single-Pole, Double-Pole, 3-Way, 4-Way

15A & 20A AC Toggle Switches, Back & Side Wire

Back Wire & Side Wire	15A, 120/277V			20A, 120/277V		
Description	Catalog No. Color Suffix			Catalog No. Color Suffix		
Single-Pole, Toggle	☐ **CSB115**___ B, GY, LA, V, W	•	•	☐ **CSB120**___ B, GY, LA, V, W	•	•
Double-Pole, Toggle	☐ **CSB215**___ B, GY, LA, V, W	•	•	☐ **CSB220**___ B, GY, LA, V, W	•	•
3-Way, Toggle	☐ **CSB315**___ B, GY, LA, V, W	•	•	☐ **CSB320**___ B, GY, LA, V, W	•	•
4-Way, Toggle	☐ **CSB415**___ B, GY, V, W	•	•	☐ **CSB420**___ B, GY, V, W	•	•

15A & 20A AC Toggle Switches, Side Wire

Side Wire	15A, 120/277V			20A, 120/277V		
Description	Catalog No. Color Suffix			Catalog No. Color Suffix		
Single Pole Compact Toggle	☐ **CS115**___ A, B, BK, GY, LA, V, W	•	•	☐ **CS120**___ A, B, BK, GY, LA, V, W	•	•
Double Pole Compact Toggle	☐ **CS215**___ A, B, BK, GY, LA*, V, W	•	•	☐ **CS220**___ A, B, BK, GY, LA, V, W	•	•
3-Way, Compact Toggle	☐ **CS315**___ A, B, BK, GY, LA, V, W	•	•	☐ **CS320**___ A, B, BK, GY, LA, V, W	•	•
4-Way, Compact Toggle	☐ **CS415**___ A, B, GY, LA, V, W	•	•	☐ **CS420**___ A, B, GY, LA, V, W	•	•

* Not NAFTA Compliant

Color Ordering Information

For ordering devices, include Cat. No. followed by the color code: A (Almond), B (Brown), BK (Black), BL (Blue), GY (Gray), LA (Light Almond), RD (Red), RN (Orange), V (Ivory), W (White)

Icon Key

Build-To-Spec Customizable Devices - see page D-4
NAFTA Compliant - see page O-30

Accessories for Commercial Specification Grade Toggle Switches

Description	Catalog No.	
1-Gang, standard size toggle, 302/304 stainless steel wallplate, REPEL™	☐ **93071AM**	•
4-Gang, standard size toggle, unbreakable nylon wallplate, white	☐ **5154**	•
2-Gang, standard size toggle, stainless steel 302/304 wallplate	☐ **93072**	•
2-Gang, standard size toggle, unbreakable nylon wallplate, white	☐ **5139W**	•
1-Gang, standard size toggle, unbreakable nylon wallplate, red	☐ **5134RD**	•


93071AM


5154


93072


5139W


5134RD

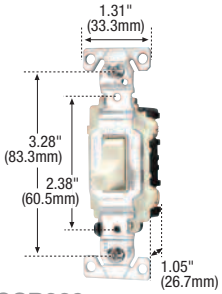
Specification & HP Rating Information:

120/277V Commercial Toggle: D-37

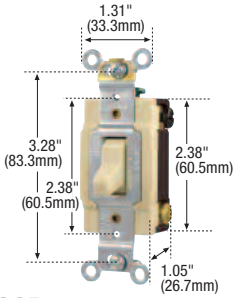
Commercial Specification Grade Switches

15A & 20A 120/277V/AC
15A, 120/277V/AC with 15A, 125V/AC Receptacle
Single-Pole, Double-Pole, 3-Way, 4-Way

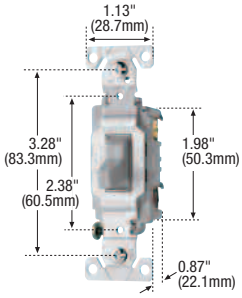
	Switch Type	Commercial 15A & 20A 120/277V Toggle Switches: CSB Series	Commercial 15A & 20A 120/277V Toggle Switches: CS Series	Commercial 15A Toggle Combination Switches: 270 Series, 294	Commercial 15A 120 - 15A, 125V Toggle Combo Switch & Receptacle: 274, 291, 293
	Wiring Type	Back & side wire	Side wire	Back & side wire	Back & side wire
	Testing & Code Compliance	• cULus Listed to UL 20, file no. E18704 • UL verified to Federal Spec. WC-896G	• cULus Listed to UL 20, file no. E18704 • UL verified to Federal Spec. WC-896G • CSA certified to C22.2, no. 11 file no. 10016 (6241-05)	• cULus Listed to UL 20, file no. E18704 (combination) • CSA certified to C22.2, no. 11 file no. 10016 (6241-05) • NOM certified	• Listed to UL 20/UL 498, file no. E18704 (combination) • NOM certified, except 291
Specifications: Environmental	Flammability	Meets UL94 requirements; V0 rated	Meets UL94 requirements; V0 rated	Meets UL94 requirements; V2 rated	Meets UL94 requirements; V2 rated
	Temperature Rating	-20°C to 60°C (-4°F to 140°F)	-20°C to 60°C (-4°F to 140°F)	-20°C to 60°C (-4°F to 140°F)	-20°C to 60°C (-4°F to 140°F)
Specifications: Electrical	Dielectric Voltage	Withstands 1500V per UL 20	Withstands 1500V per UL 20	Withstands 1500V per UL 20	Switch: Withstands 1500V per UL 20 Receptacle: Withstands 2000V per UL 498
	Current Interrupting	Yes, at full-rated current	Yes, at full-rated current	Yes, at full-rated current	Yes, at full-rated current
	Temperature Rise	Max. 30°C (86°F) after 100 cycles of overload and 50,000 cycles of endurance testing	Max. 30°C (86°F) after 100 cycles of overload and 50,000 cycles of endurance testing	Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing	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)
Specifications: Mechanical	Terminal Accommodation	#14 - 10 AWG	#14 - 10 AWG	#14 -1 2 AWG	#14 -1 2 AWG
	Voltage Ratings	Permanently marked on device	Permanently marked on device	Permanently marked on device	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 16A	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 16A	Rated for motor loads per UL 20: 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; Max. amps 12A	Switch rated for motor loads per UL 20: 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; Max. amps 12A
Materials:	Toggle	Nylon	Nylon	Nylon	Nylon
	Top Housing	PVC	PVC	PVC	PVC
	Bottom Housing	PVC	PVC	PVC	PVC
	Strap	0.045" thick steel, zinc plated	0.045" thick steel, zinc plated	0.045" thick steel, zinc plated	0.045" thick steel, zinc plated
	Terminals	0.031" thick brass	0.031" thick brass	0.030" thick brass	0.030" thick brass
	Terminal Screws	#8-32 steel, brass plated or zinc plated	#8-32 steel, brass plated or zinc plated	#8-32 steel, brass plated; neutral screw nickel plated	#8-32 steel, brass plated; neutral screw nickel plated
	Ground Screw	#8-32 steel, zinc plated, green	#8-32 steel, zinc plated, green	#8-32 steel, zinc plated, green	#8-32 steel, zinc plated, green
	Backwire Clamp	Brass	N/A	Brass	Brass
	Contacts	Silver alloy	Silver alloy	Silver alloy	Silver alloy
	Moveable Contact Arm	Brass	Brass	Brass	Brass
	Pilot Light Models	N/A	N/A	Red lexan pilot lens with long-life neon bulb	N/A
	Receptacle Line Contacts	N/A	N/A	N/A	0.030" thick brass
	Receptacle Ground Shunt	N/A	N/A	N/A	0.030" thick brass



CSB320



CSB415



CS320

Commercial Specification Grade AC Toggle Switches

15A, 120/277V/AC
20A, 120/277V/AC
Single-Pole, Double-Pole, 3-Way, 4-Way

15A & 20A AC Toggle Switches, Back & Side Wire

Back Wire & Side Wire	15A, 120/277V			20A, 120/277V		
Description	Catalog No. Color Suffix			Catalog No. Color Suffix		
Single-Pole, Toggle	☐ **CSB115**___ B, GY, LA, V, W	•	•	☐ **CSB120**___ B, GY, LA, V, W	•	•
Double-Pole, Toggle	☐ **CSB215**___ B, GY, LA, V, W	•	•	☐ **CSB220**___ B, GY, LA, V, W	•	•
3-Way, Toggle	☐ **CSB315**___ B, GY, LA, V, W	•	•	☐ **CSB320**___ B, GY, LA, V, W	•	•
4-Way, Toggle	☐ **CSB415**___ B, GY, V, W	•	•	☐ **CSB420**___ B, GY, V, W	•	•

15A & 20A AC Toggle Switches, Side Wire

Side Wire	15A, 120/277V			20A, 120/277V		
Description	Catalog No. Color Suffix			Catalog No. Color Suffix		
Single Pole Compact Toggle	☐ **CS115**___ A, B, BK, GY, LA, V, W	•	•	☐ **CS120**___ A, B, BK, GY, LA, V, W	•	•
Double Pole Compact Toggle	☐ **CS215**___ A, B, BK, GY, LA*, V, W	•	•	☐ **CS220**___ A, B, BK, GY, LA, V, W	•	•
3-Way, Compact Toggle	☐ **CS315**___ A, B, BK, GY, LA, V, W	•	•	☐ **CS320**___ A, B, BK, GY, LA, V, W	•	•
4-Way, Compact Toggle	☐ **CS415**___ A, B, GY, LA, V, W	•	•	☐ **CS420**___ A, B, GY, LA, V, W	•	•

* Not NAFTA Compliant

Color Ordering Information

For ordering devices, include Cat. No. followed by the color code: A (Almond), B (Brown), BK (Black), BL (Blue), GY (Gray), LA (Light Almond), RD (Red), RN (Orange), V (Ivory), W (White)

Icon Key

Build-To-Spec Customizable Devices - see page D-4
NAFTA Compliant - see page O-30

Accessories for Commercial Specification Grade Toggle Switches

Description	Catalog No.	
1-Gang, standard size toggle, 302/304 stainless steel wallplate, REPEL™	☐ **93071AM**	•
4-Gang, standard size toggle, unbreakable nylon wallplate, white	☐ **5154**	•
2-Gang, standard size toggle, stainless steel 302/304 wallplate	☐ **93072**	•
2-Gang, standard size toggle, unbreakable nylon wallplate, white	☐ **5139W**	•
1-Gang, standard size toggle, unbreakable nylon wallplate, red	☐ **5134RD**	•


93071AM


5154


93072


5139W


5134RD

Specification & HP Rating Information:

120/277V Commercial Toggle: D-37

Commercial Specification Grade Switches

15A & 20A 120/277V/AC
15A, 120/277V/AC with 15A, 125V/AC Receptacle
Single-Pole, Double-Pole, 3-Way, 4-Way

	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: 274, 291, 293
	Wiring Type	Back & side wire	Side wire	Back & side wire	Back & side wire
	Testing & Code Compliance	• cULus Listed to UL 20, file no. E18704 • UL verified to Federal Spec. WC-896G	• cULus Listed to UL 20, file no. E18704 • UL verified to Federal Spec. WC-896G • CSA certified to C22.2, no. 11 file no. 10016 (6241-05)	• cULus Listed to UL 20, file no. E18704 (combination) • CSA certified to C22.2, no. 11 file no. 10016 (6241-05) • NOM certified	• Listed to UL 20/UL 498, file no. E18704 (combination) • NOM certified, except 291
Specifications: Environmental	Flammability	Meets UL94 requirements; V0 rated	Meets UL94 requirements; V0 rated	Meets UL94 requirements; V2 rated	Meets UL94 requirements; V2 rated
	Temperature Rating	-20°C to 60°C (-4°F to 140°F)	-20°C to 60°C (-4°F to 140°F)	-20°C to 60°C (-4°F to 140°F)	-20°C to 60°C (-4°F to 140°F)
Specifications: Electrical	Dielectric Voltage	Withstands 1500V per UL 20	Withstands 1500V per UL 20	Withstands 1500V per UL 20	Switch: Withstands 1500V per UL 20 Receptacle: Withstands 2000V per UL 498
	Current Interrupting	Yes, at full-rated current	Yes, at full-rated current	Yes, at full-rated current	Yes, at full-rated current
	Temperature Rise	Max. 30°C (86°F) after 100 cycles of overload and 50,000 cycles of endurance testing	Max. 30°C (86°F) after 100 cycles of overload and 50,000 cycles of endurance testing	Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing	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)
Specifications: Mechanical	Terminal Accommodation	#14 - 10 AWG	#14 - 10 AWG	#14 -1 2 AWG	#14 -1 2 AWG
	Voltage Ratings	Permanently marked on device	Permanently marked on device	Permanently marked on device	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 16A	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 16A	Rated for motor loads per UL 20: 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; Max. amps 12A	Switch rated for motor loads per UL 20: 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; Max. amps 12A
Materials:	Toggle	Nylon	Nylon	Nylon	Nylon
	Top Housing	PVC	PVC	PVC	PVC
	Bottom Housing	PVC	PVC	PVC	PVC
	Strap	0.045" thick steel, zinc plated	0.045" thick steel, zinc plated	0.045" thick steel, zinc plated	0.045" thick steel, zinc plated
	Terminals	0.031" thick brass	0.031" thick brass	0.030" thick brass	0.030" thick brass
	Terminal Screws	#8-32 steel, brass plated or zinc plated	#8-32 steel, brass plated or zinc plated	#8-32 steel, brass plated; neutral screw nickel plated	#8-32 steel, brass plated; neutral screw nickel plated
	Ground Screw	#8-32 steel, zinc plated, green	#8-32 steel, zinc plated, green	#8-32 steel, zinc plated, green	#8-32 steel, zinc plated, green
	Backwire Clamp	Brass	N/A	Brass	Brass
	Contacts	Silver alloy	Silver alloy	Silver alloy	Silver alloy
	Moveable Contact Arm	Brass	Brass	Brass	Brass
	Pilot Light Models	N/A	N/A	Red lexan pilot lens with long-life neon bulb	N/A
	Receptacle Line Contacts	N/A	N/A	N/A	0.030" thick brass
	Receptacle Ground Shunt	N/A	N/A	N/A	0.030" thick brass