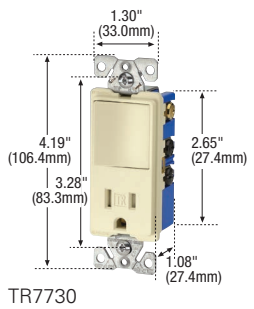
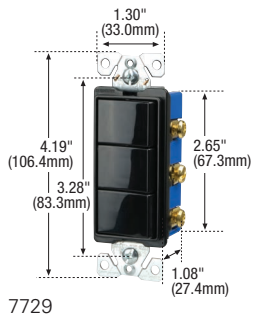
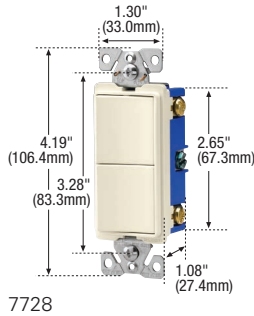


Commercial grade AC decorator combination switches

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	A, BK, LA, V, W	□ 7728__	✓
		(3) Single-pole, switches	A, BK, LA, V, W	□ 7729__	•
		(2) 3-Way, switches	A, BK, LA, V, W	□ 7731__	•
		(1) Single-pole switch with (1) 3-Way switch	A, 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,	A, 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	• •



Color ordering information:

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



Specification information: 120/277V/AC commercial decorator combination: E-40

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

Indicates NAFTA compliant - Page Q-32

RoHS compliant - Page Q-32

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	Flammability: Meets UL94 requirements; V2 rated Temperature rating: -20°C to 60°C (-4°F to 140°F)	Flammability: Meets UL94 requirements; V2 rated Temperature rating: -20°C to 60°C (-4°F to 140°F)	Flammability: Meets UL94 requirements; V2 rated Temperature rating: -20°C to 60°C (-4°F to 140°F)
Electrical specifications	Dielectric voltage: Withstands 1500V per UL20 Current interrupting: Yes, at full-rated current Temperature rise: Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing	Dielectric voltage: Withstands 1500V per UL20 Current interrupting: Yes, at full-rated current Temperature rise: Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing	Dielectric voltage: Withstands 1500V per UL20 Current interrupting: Yes, at full-rated current Temperature rise: Switch: Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing. Receptacle: Max. 30°C (86°F) after 100 cycles of overload at 150% of rated current (DC)
Mechanical specifications	Terminal accommodation: #14 - #10 AWG Voltage ratings: Permanently marked on device Horsepower ratings: Rated for motor loads per UL20; 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 12A, 20A: @ 120V/AC = 1 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 16A	Terminal accommodation: #14 - #10 AWG Voltage ratings: Permanently marked on device Horsepower ratings: Rated for motor loads per UL20; 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 12A	Terminal accommodation: #14 - #12 AWG Voltage ratings: Permanently marked on device Horsepower ratings: Switch rated for motor loads per UL20; 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 12A
Materials	Paddle: Polycarbonate Top housing: Polycarbonate Bottom housing: PVC Strap: 0.045" thick steel, zinc plated, (yellow chromate on 20A) Auto ground clip: Phosphor bronze Terminals: 0.035" thick brass Terminal screws: #8-32 steel with #10 head, brass plated; neutral screw nickel plated Ground screw: #8-32 steel, brass plated, green Back wire clamp: Steel, brass plated Contacts: Silver alloy Moveable contact arm: Brass Illuminated models: Long-life neon bulb Pilot light models: Red polycarbonate pilot lens with long-life neon bulb Receptacle line contacts: N/A Receptacle ground shunt: N/A	Paddle: PVC Top housing: PVC Bottom housing: PVC Strap: 0.045" thick steel, zinc plated Auto ground clip: Phosphor bronze Terminals: 0.03" thick brass Terminal screws: #8-32 steel, brass plated; neutral screw nickel plated Ground screw: #8-32 steel, brass plated, green Back wire clamp: Steel, brass plated Contacts: Silver alloy Moveable contact arm: Brass Illuminated models: N/A Pilot light models: N/A Receptacle line contacts: N/A Receptacle ground shunt: N/A	Paddle: PVC Top housing: PVC Bottom housing: PVC Strap: 0.045" thick steel, zinc plated Auto ground clip: Phosphor bronze Terminals: 0.03" thick brass Terminal screws: #8-32 steel, brass plated; neutral screw nickel plated Ground screw: #8-32 steel, brass plated, green Back wire clamp: Steel, brass plated Contacts: Silver alloy Moveable contact arm: Brass Illuminated models: N/A Pilot light models: N/A Receptacle line contacts: 0.03" thick brass Receptacle ground shunt: 0.03" thick brass

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	<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	Flammability: Meets UL94 requirements; V0 rated Temperature rating: -20°C to 60°C (-4°F to 140°F)	Flammability: Meets UL94 requirements; V0 rated Temperature rating: -20°C to 60°C (-4°F to 140°F)	Flammability: Meets UL94 requirements; V2 rated Temperature rating: -20°C to 60°C (-4°F to 140°F)	Flammability: Meets UL94 requirements; V2 rated Temperature rating: -20°C to 60°C (-4°F to 140°F)
Electrical specifications	Dielectric voltage: Withstands 1500V per UL20 Current interrupting: Yes, at full-rated current Temperature rise: Max. 30°C (86°F) after 100 cycles of overload and 50,000 cycles of endurance testing	Dielectric voltage: Withstands 1500V per UL20 Current interrupting: Yes, at full-rated current Temperature rise: Max. 30°C (86°F) after 100 cycles of overload and 50,000 cycles of endurance testing	Dielectric voltage: Withstands 1500V per UL20 Current interrupting: Yes, at full-rated current Temperature rise: Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing	Dielectric voltage: Switch: Withstands 1500V per UL20 Receptacle: Withstands 2000V per UL498 Current interrupting: Yes, at full-rated current Temperature rise: Switch: Max. 30°C (86°F) after 100 cycles of overload and 30,000 cycles of endurance testing Receptacle: Max. 30°C (86°F) after 100 cycles of overload at 150% of rated current (DC)
Mechanical specifications	Terminal accommodation: #14 - #10 AWG Voltage ratings: Permanently marked on device Horsepower ratings: Rated for motor loads per UL20: 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 12A. 20A: @ 120V/AC = 1 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 16A	Terminal accommodation: #14 - #10 AWG Voltage ratings: Permanently marked on device Horsepower ratings: Rated for motor loads per UL20: 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 12A. 20A: @ 120V/AC = 1 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 16A	Terminal accommodation: #14 - #12 AWG Voltage ratings: Permanently marked on device Horsepower ratings: Rated for motor loads per UL20: 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 12A	Terminal accommodation: #14 - #12 AWG Voltage ratings: Permanently marked on device Horsepower ratings: Switch rated for motor loads per UL20: 15A: @ 120V/AC = 1/2 HP, @ 240V/AC = 2 HP; @ 277V/AC = 2 HP, max. amps 12A
Materials	Toggle: Nylon Top housing: PVC Bottom housing: PVC Strap: 0.045" thick steel, zinc plated Terminals: 0.031" thick brass Terminal screws: #8-32 steel, brass plated or zinc plated Ground screw: #8-32 steel, zinc plated, green Back wire clamp: Brass Contacts: Silver alloy Moveable contact arm: Brass Pilot light models: N/A Receptacle line contacts: N/A Receptacle ground shunt: N/A	Toggle: Nylon Top housing: PVC Bottom housing: PVC Strap: 0.045" thick steel, zinc plated Terminals: 0.031" thick brass Terminal screws: #8-32 steel, brass plated or zinc plated Ground screw: #8-32 steel, zinc plated, green Back wire clamp: N/A Contacts: Silver alloy Moveable contact arm: Brass Pilot light models: N/A Receptacle line contacts: N/A Receptacle ground shunt: N/A	Toggle: Nylon Top housing: PVC Bottom housing: PVC Strap: 0.045" thick steel, zinc plated Terminals: 0.03" thick brass Terminal screws: #8-32 steel, brass plated; neutral screw nickel plated Ground screw: #8-32 steel, zinc plated, green Back wire clamp: Brass Contacts: Silver alloy Moveable contact arm: Brass Pilot light models: Red polycarbonate pilot lens with long-life neon bulb Receptacle line contacts: N/A Receptacle ground shunt: N/A	Toggle: Nylon Top housing: PVC Bottom housing: PVC Strap: 0.045" thick steel, zinc plated Terminals: 0.03" thick brass Terminal screws: #8-32 steel, brass plated; neutral screw nickel plated Ground screw: #8-32 steel, zinc plated, green Back wire clamp: Brass Contacts: Silver alloy Moveable contact arm: Brass Pilot light models: N/A Receptacle line contacts: 0.030" thick brass Receptacle ground shunt: 0.030" thick brass

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

All products on this page are RoHS compliant - Page Q-32