

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

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

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

Horsepower rated for motor loads

Horsepower rated for motor loads per UL20				
Amps	120 V/AC	240 V/AC	277 V/AC	Max.
15A	1/2 HP	2HP	2HP	12A
20A	1HP	2HP	2HP	16A

A complete line of switches available for any commercial application:

Lighted & pilot lighted

Combination switches

CuVerro® antimicrobial surfaces

Commercial grade CSB series

Commercial grade CS series

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

www.eaton.com
www.arrowhart.com

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__	•

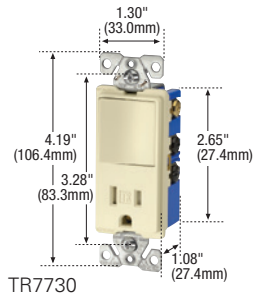
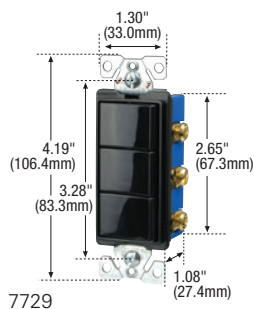
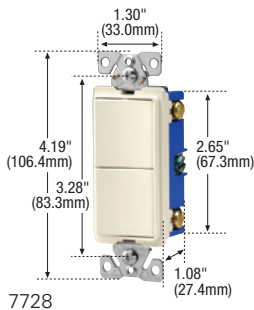
Decorator switch with receptacle, back & side wire



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, 302/204 stainless steel wallplate	□ 93401	• •
2-Gang, standard size, decorator, 302/204 stainless steel wallplate	□ 93402	• •
1-Gang, standard size, decorator, unbreakable nylon wallplate, white	□ 5151W	• •



93401



93402



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)

A	BK	LA	V	W
(Almond)	(Black)	(Lt. Almond)	(Ivory)	(White)

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

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Indicates NAFTA compliant - Page Q-30

RoHS compliant - Page Q-30

Commercial grade 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