



INDEX	PAGE
Product Features	
AC Quiet Switches Industrial Grade	E-2
AC Barrel Locking Switch	E-3
Industrial Grade Switches	
15 and 20 Amp; 120-277V AC	E-4
15 and 20 Amp; 120-277V AC; Locking Switches	E-5
30 Amp; 120-277V AC	E-6
Maintained Contact; 15, 20 and 30 Amp; 120-277V AC	E-7
Momentary Contact; 15 and 20 Amp; 120-277V AC	E-8
Push Button; 20 Amp; 120V AC and 120-277V AC	E-9
Specification Grade Switches	
Heavy Duty; 15 and 20 Amp; 120-277V AC	E-10
Commercial Grade Switches	
Commercial Grade; 15 and 20 Amp; 120-277V AC	E-11
Residential Grade Switches	
15 Amp; Single-Pole; Push and Side Wired	E-12
15 Amp; 3-Way and 4-Way; Push and Side Wired	E-13
Combination Switch/Devices	
15 Amp; Single-Pole Side Wired	E-14
15 Amp; 3-Way; Side Wired	E-15
Accessories	
Pilot Lights and Miscellaneous Switches	E-16
Special Use Products	E-17
Technical Specifications	E-18
Wiring Diagrams	E-19
Motor Controllers and Disconnects	
Quick Reference Guide	E-20



AC Switches

AC Quiet Switches Industrial Grade Product Features



TECH·SPEC®

Color-coded face indicates ampere rating

High impact and chemical resistant nylon toggle

UL Listed;
CSA Certified;
complies with NEMA Standard WD-1
UL 20 verified under Federal Specification WS 896 (1P-2P-3W) horsepower rated

Corrosion-resistant brass and nickel-plated yoke

Strip gauge for accurate wiring

Terminal screws: brass combination Slot/Phillips/Robertson binding head; accepts up to #10 wire

Back wiring: each clamp-type terminal accepts two wires, avoiding the need to pigtail

Large silver alloy contacts

Dual-grounding options; grounding terminal or stainless steel self-grounding clip



4902W



Rivetless one-piece contact arm and terminal provides superior conductivity; minimizes heat build up and prevents contact misalignment. Large silver alloy contacts reduce contact wear for long life and excellent electrical conductivity.



Nylon toggle is exceptionally rugged and resists chemical attack. Large size enhances the ease of operation. The toggle cam controls a fast "make" and slow "break" operation of the one-piece contact arm and thermoplastic elastomer rocker/spring assembly.



Elastomer rocker assures precise alignment of the high-carbon steel coil compression spring and the permanently lubricated assembly will not weaken, even after thousands of operations.



Heavy-duty yoke is extra wide to assure maximum strength and structural integrity of the switch body. Nickel and brass plating provides excellent corrosion resistance. Two grounding options; an integral grounding terminal and stainless steel self-grounding clip.

Super-Safe Design

The above design features characterize Bryant's full line of TECH-SPEC, quiet-action AC switches. All meet rigid Bryant standards for safety, quality, and durability; all are performance proven in industrial and commercial applications.

Color coded face indicates ampere rating



15 Amp
Blue Face
4801L



20 Amp
Red Face
4901PLR120



30 Amp
Green Face
3003BRN

Available Types

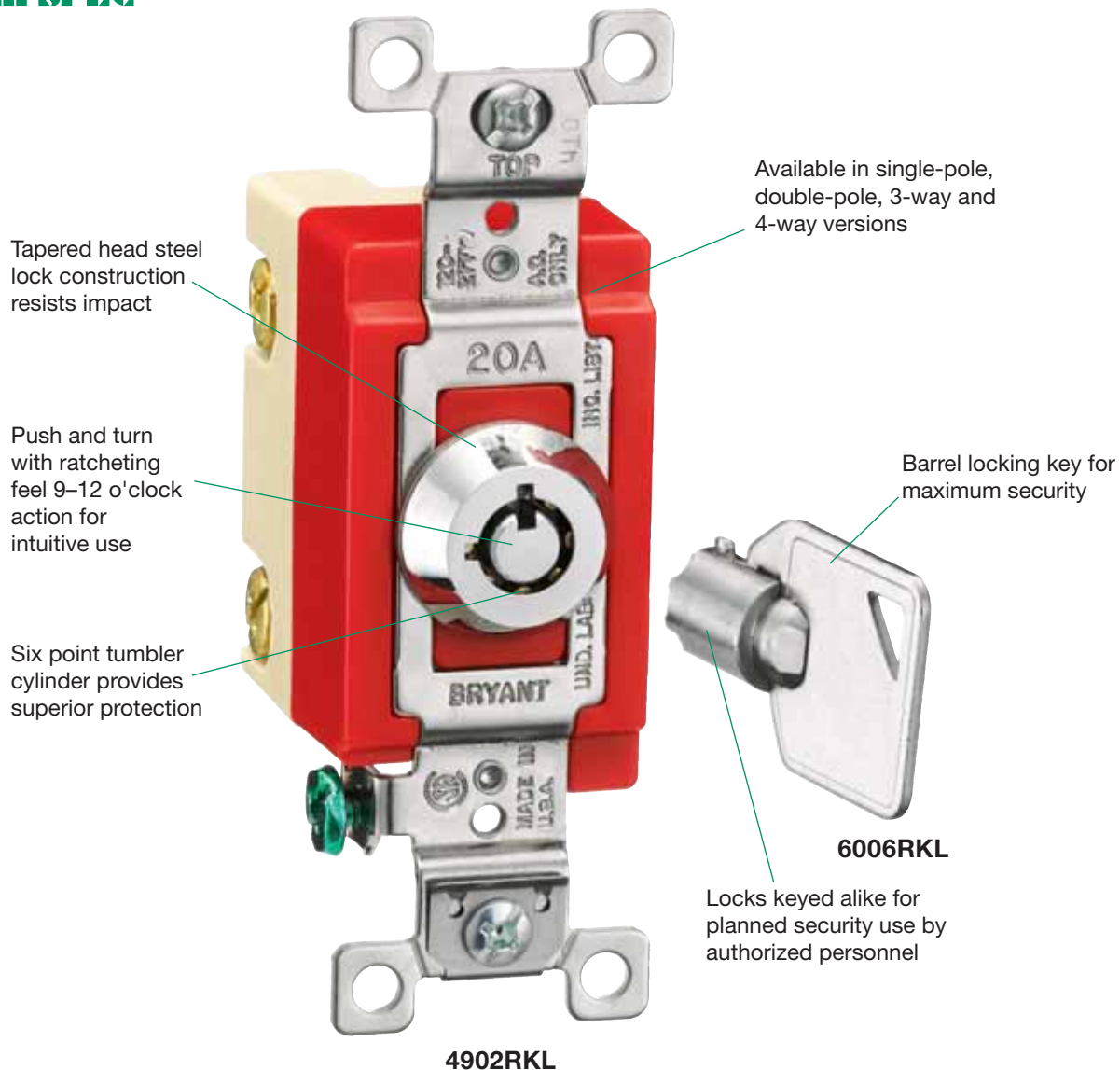
- 15, 20, and 30 amp 120-277V AC rating
- Single-pole, double-pole, 3-way and 4-way
- Momentary and maintained contact
- Pilot light and illuminated handle
- Locking switches
- Ivory, white, gray, red, brown and black handles available

AC Switches

AC Barrel Locking Switch Product Features



TECH·SPEC®



Available with clearly marked stainless steel type 302/304 wallplates in 1- and 2-gang configurations

Plates shipped with standard and tamper-proof screws

Barrel key replacement is available

AC Switches

Industrial Grade; 15 and 20 Amp; 120-277V AC



TECH·SPEC®



48011

EXTRA HEAVY DUTY INDUSTRIAL SPECIFICATION GRADE BACK AND SIDE WIRED, 15 AMP 120-277V AC TOGGLE SWITCHES

Description	Color	Catalog Number			
		Single-Pole	Double-Pole	3-Way	4-Way
Toggle switch	Black	4801BLK	4802BLK	4803BLK	4804BLK
	Brown	4801	4802	4803	4804
	Gray	4801GRY	4802GRY	4803GRY	4804GRY
	Ivory	4801I	4802I	4803I	4804I
	Red	4801RED	4802RED	4803RED	4804RED
	White	4801W	4802W	4803W	4804W



4802

15 AMP LIGHTED SWITCHES

Description	Color	Catalog Number			
		Single-Pole	Double-Pole	3-Way	4-Way
Illuminated toggle switch	Ivory	4801GLI*	—	4803GLI*	—



4904I

20 AMP TOGGLE SWITCHES

Description	Color	Catalog Number			
		Single-Pole	Double-Pole	3-Way	4-Way
Toggle switch	Black	4901BLK	4902BLK	4903BLK	4904BLK
	Brown	4901	4902	4903	4904
	Gray	4901GRY	4902GRY	4903GRY	4904GRY
	Ivory	4901I	4902I	4903I	4904I
	Red	4901RED	4902RED	4903RED	4904RED
	White	4901W	4902W	4903W	4904W



4903GLI

20 AMP LIGHTED SWITCHES

Description	Color	Catalog Number			
		Single-Pole	Double-Pole	3-Way	4-Way
Illuminated toggle switch	Clear	4901GLC*	—	4903GLC*	—
	Ivory	4901GLI*	—	4903GLI*	—
Pilot toggle switch; 120V AC	Clear	4901PLC120**	—	4903PLC120**	—
	Green	4901PLG120**	—	4903PLG120**	—
	Red	4901PLR120**	4902PLR120**	4903PLR120**	—
Pilot toggle switch; 277V AC	Clear	4901PLC277**	—	—	—
	Red	4901PLR277**	4902PLR277**	4903PLR277**	—

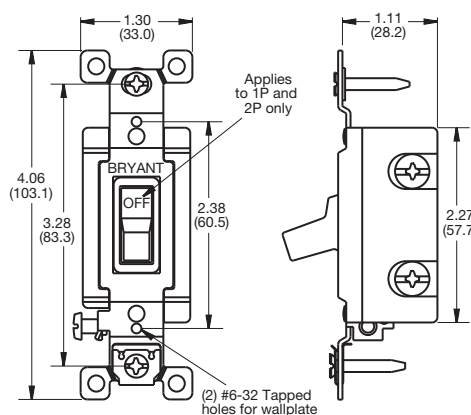
Note: *Illuminates when switch is "OFF".

**Pilot on when switch is "ON".

HORSEPOWER RATINGS

RATING	120V	240V	277V AC	RATING	120V	240V	277V AC
15 AMP	½ HP	2 HP	2 HP	20 AMP	1 HP	2 HP	2 HP

PRODUCT DIMENSIONS Inches (mm)



4801

AC Switches

Industrial Grade; 15 and 20 Amp; 120-277V AC



TECH·SPEC®



4801L

EXTRA HEAVY DUTY INDUSTRIAL SPECIFICATION GRADE BACK AND SIDE WIRED, 15 AMP 120-277V AC LOCKING SWITCHES

Description	Catalog Number			
	Single-Pole	Double-Pole	3-Way	4-Way
Lock type switch; straight-key included	4801L	4802L	4803L	4804L



4904L

EXTRA HEAVY DUTY INDUSTRIAL SPECIFICATION GRADE BACK AND SIDE WIRED, 20 AMP 120-277V AC LOCKING SWITCHES

Description	Catalog Number			
	Single-Pole	Double-Pole	3-Way	4-Way
Lock type switch; straight-key included	4901L	4902L	4903L	4904L
Lock type switch; barrel-key included	4901RKL	4902RKL	4903RKL	4904RKL

REPLACEMENT KEYS

Description	Catalog Number
Replacement straight-key; one key provided with each straight locking switch	6006
Replacement barrel-key; two keys provided with each barrel-key locking switch	6006RKL



4902RKL

HORSEPOWER RATINGS

RATING	120V	240V	277V AC	RATING	120V	240V	277V AC
15 AMP	½ HP	2 HP	2 HP	20 AMP	1 HP	2 HP	2 HP

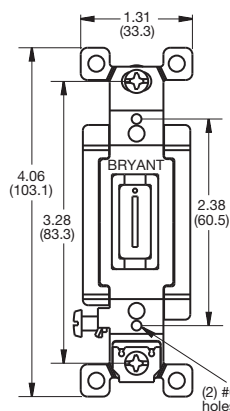


6006

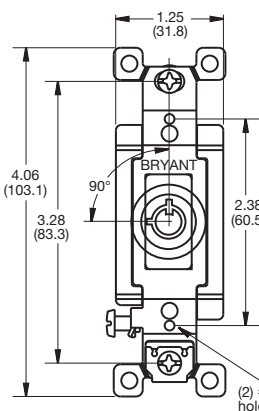
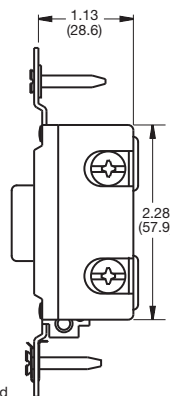


6006RKL

PRODUCT DIMENSIONS Inches (mm)



4801L



4902RKL



TECH·SPEC®



3001

EXTRA HEAVY DUTY INDUSTRIAL SPECIFICATION GRADE BACK AND SIDE WIRED, 30 AMP 120-277V AC TOGGLE SWITCHES

Description	Color	Catalog Number		
		Single-Pole	Double-Pole	3-Way
Toggle switch	Brown	3001	3002BRN	3003BRN
	Gray	—	3002GRY	3003GRY
	Ivory	3001I	3002I	3003I



3002BRN

EXTRA HEAVY DUTY INDUSTRIAL SPECIFICATION GRADE BACK AND SIDE WIRED, 30 AMP TOGGLE SWITCHES

Description	Color	Catalog Number		
		Single-Pole	Double-Pole	3-Way
Pilot toggle switch; 120V AC	Red	3001PLR120*	3002PLR120*	—
Pilot toggle switch; 277V AC	Red	—	3002PLR277*	—

Note: *Pilot on when switch is "ON".



3003I

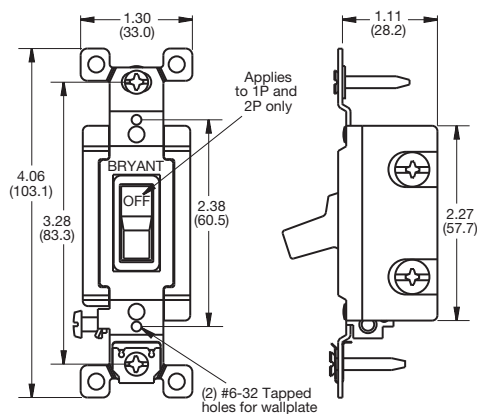
HORSEPOWER RATINGS

RATING	120V	240V	277V AC
30 AMP	2 HP	2 HP	2 HP



3001PLR120

PRODUCT DIMENSIONS Inches (mm)



3001

AC Switches

Industrial Grade; Maintained Contact; 15, 20 and 30 Amp; 120-277V AC



TECH·SPEC®



4822I

THREE-POSITION TWO-CIRCUIT MAINTAINED CONTACT "CENTER OFF" SINGLE-POLE, DOUBLE-THROW

Description	Color	Catalog Number		
		15 AMP 120-277V AC	20 AMP 120-277V AC	30 AMP 120-277V AC
Nylon toggle	Brown	4822	4922	—
	Gray	—	4922GRY	—
	Ivory	4822I	4922I	—
	White	—	4922W	—
Lock type switch; straight-key included	Black	4822L	—	—
Replacement; straight-key	—	6006	—	—



4925

DOUBLE-POLE, DOUBLE-THROW

Description		Catalog Number		
		15 AMP 120-277V AC	20 AMP 120-277V AC	30 AMP 120-277V AC
Nylon toggle	Brown	4825	4925	3025BRN
	Ivory	4825I	4925I	3025I
	White	—	4925W	—
	Black	—	4925L	—
Lock type switch; straight-key included	Black	—	4925L	—
Replacement; straight-key	—	—	6006	—



3025BRN

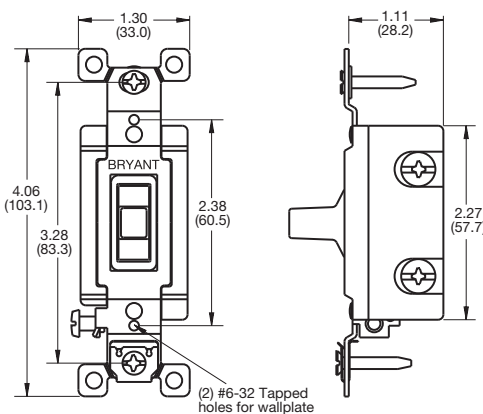
HORSEPOWER RATINGS

RATING	120V	240V	277V AC	RATING	120V	240V	277V AC	RATING	120V	240V	277V AC
15 AMP	½ HP	2 HP		20 AMP	1 HP	2 HP	2 HP	30 AMP	3 HP	2 HP	2 HP

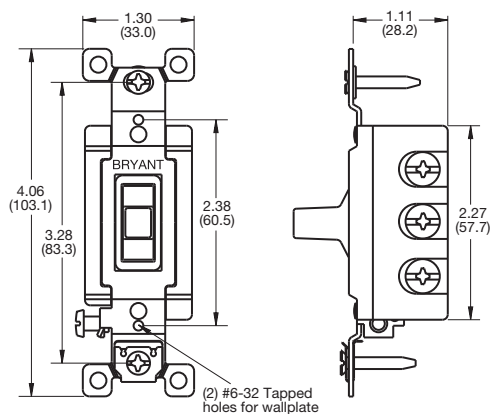


4822L

PRODUCT DIMENSIONS Inches (mm)



Single-Pole, Double Throw Switches



Double-Pole, Double Throw Switches



6006



4821I

SINGLE-POLE THREE-POSITION TWO-CIRCUIT MOMENTARY CONTACT "CENTER OFF"

Description	Color	Catalog Number	
		15 AMP 120-277V AC	20 AMP 120-277V AC
Nylon toggle	Brown	4821	4921
	Gray	4821GRY	4921GRY
	Ivory	4821I	4921I
Lock type switch; straight-key included	Black	4821L	4921L
Replacement; straight-key	—	6006	6006



4921I

HORSEPOWER RATINGS

RATING	120V	240V	277V AC	RATING	120V	240V	277V AC
15 AMP	½ HP	2 HP	2 HP	20 AMP	1 HP	2 HP	2 HP

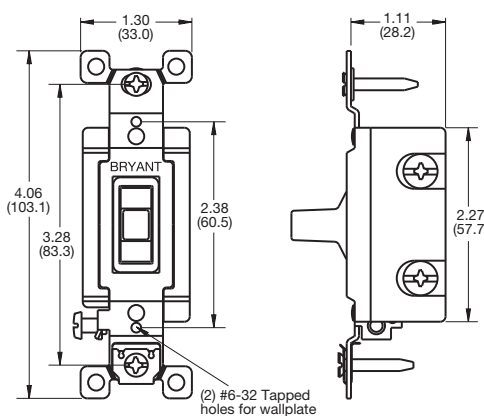


4921L

PRODUCT DIMENSIONS Inches (mm)



6006



Single-Pole, Double Throw Switches



4981

PUSH BUTTON SWITCHES 20 AMP 120-277V AC

Description	Color	Catalog Number			
		Single-Pole	Double-Pole	3-Way	4-Way
Push button switch	Brown	4981	4982	4983*	4984*

Note: *Not UL Listed or CSA Certified.



4997PLR

LIGHTED SWITCHES 20 AMP 120-277V AC

Description	Color	Catalog Number			
		Single-Pole	Double-Pole	3-Way	4-Way
Pilot push button switch	Red	4997PLR**	—	4998PLR**†	—

Note: **Pilot on when switch is "ON".

†Not UL Listed or CSA Certified.



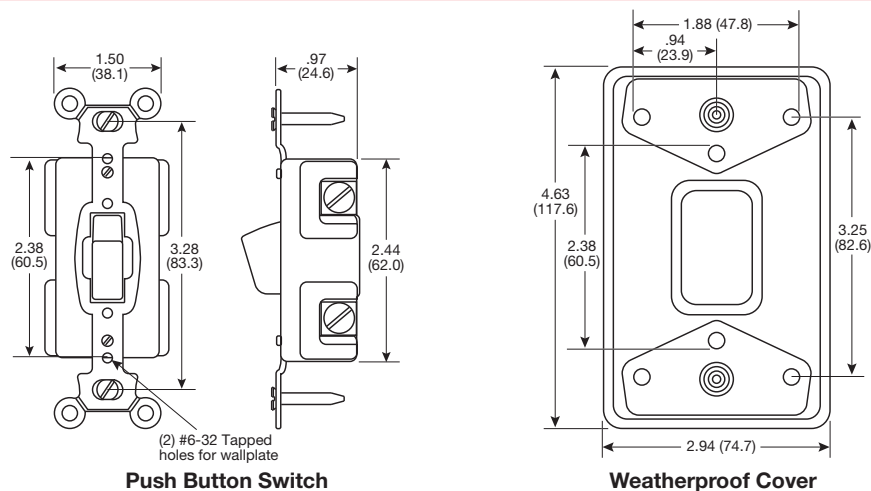
1795WP

WEATHERPROOF COVER

Description	Catalog Number
1-Gang; clear silicone rubber cover; fits both FS/FD and standard boxes	1795WP ^Δ

Note: ^ΔNot CSA Certified.

PRODUCT DIMENSIONS Inches (mm)





4803BI

HEAVY DUTY SPECIFICATION GRADE BACK AND SIDE WIRED 15 AMP TOGGLE SWITCHES

Description	Color	Catalog Number			
		Single-Pole	Double-Pole	3-Way	4-Way
Self-grounding	Almond	4801BAL	—	4803BAL	—
	Black	4801BBLK	—	4803BBLK	—
	Brown	4801B	—	4803B	—
	Gray	4801BGRY	—	4803BGRY	—
	Ivory	4801BI	—	4803BI	—
	Light Almond	4801BLA	—	4803BLA	—
	Red	4801BRED	—	4803BRED	—
	White	4801BW	—	4803BW	—

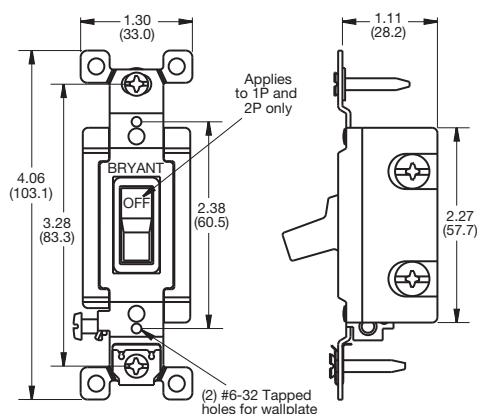


4901B

HEAVY DUTY SPECIFICATION GRADE BACK AND SIDE WIRED 20 AMP TOGGLE SWITCHES

Description	Color	Catalog Number			
		Single-Pole	Double-Pole	3-Way	4-Way
Self-grounding	Almond	4901BAL	4902BAL	4903BAL	4904BAL
	Black	4901BBLK	4902BBLK	4903BBLK	4904BBLK
	Brown	4901B	4902B	4903B	4904B
	Gray	4901BGRY	4902BGRY	4903BGRY	4904BGRY
	Ivory	4901BI	4902BI	4903BI	4904BI
	Light Almond	4901BLA	4902BLA	4903BLA	4904BLA
	Red	4901BRED	4902BRED	4903BRED	4904BRED
	White	4901BW	4902BW	4903BW	4904BW

PRODUCT DIMENSIONS Inches (mm)



1P, 2P, 3W, 4W Switches



CSB115BI

COMMERCIAL SPECIFICATION GRADE BACK AND SIDE WIRED 15 AMP TOGGLE SWITCHES

Description	Color	Catalog Number			
		Single-Pole	Double-Pole	3-Way	4-Way
Toggle switch; back and side wired; self-grounding	Almond	CSB115BAL	CSB215BAL	CSB315BAL	CSB415BAL
	Black	CSB115BLK	CSB215BLK	CSB315BLK	CSB415BLK
	Brown	CSB115B	CSB215B	CSB315B	CSB415B
	Gray	CSB115BGRY	CSB215BGRY	CSB315BGRY	CSB415BGRY
	Ivory	CSB115BI	CSB215BI	CSB315BI	CSB415BI
	Light Almond	CSB115BLA	CSB215BLA	CSB315BLA	CSB415BLA
	White	CSB115BW	CSB215BW	CSB315BW	CSB415BW



CSB320B

20 AMP TOGGLE SWITCHES

Description	Color	Catalog Number			
		Single-Pole	Double-Pole	3-Way	4-Way
Toggle switch; back and side wired; self-grounding	Almond	CSB120BAL	CSB220BAL	CSB320BAL	CSB420BAL
	Black	CSB120BLK	CSB220BLK	CSB320BLK	CSB420BLK
	Brown	CSB120B	CSB220B	CSB320B	CSB420B
	Gray	CSB120BGRY	CSB220BGRY	CSB320BGRY	CSB420BGRY
	Ivory	CSB120BI	CSB220BI	CSB320BI	CSB420BI
	Light Almond	CSB120BLA	CSB220BLA	CSB320BLA	CSB420BLA
	Red	CSB120BRED	CSB220BRED	CSB320BRED	CSB420BRED
	White	CSB120BW	CSB220BW	CSB320BW	CSB420BW



CS115BW

TOGGLE SWITCHES, 15 AND 20 AMP

Description	Color	15 Amp Catalog Number		20 Amp Catalog Number	
		Single-Pole	3-Way	Single-Pole	3-Way
Toggle switch; side wired only; self-grounding	Almond	CS115BAL	CS315BAL	CS120BAL	CS320BAL
	Black	CS115BLK	CS315BLK	CS120BLK	CS320BLK
	Brown	CS115B	CS315B	CS120B	CS320B
	Gray	CS115BGRY	CS315BGRY	CS120BGRY	CS320BGRY
	Ivory	CS115BI	CS315BI	CS120BI	CS320BI
	Light Almond	CS115BLA	CS315BLA	CS120BLA	CS320BLA
	White	CS115BW	CS315BW	CS120BW	CS320BW

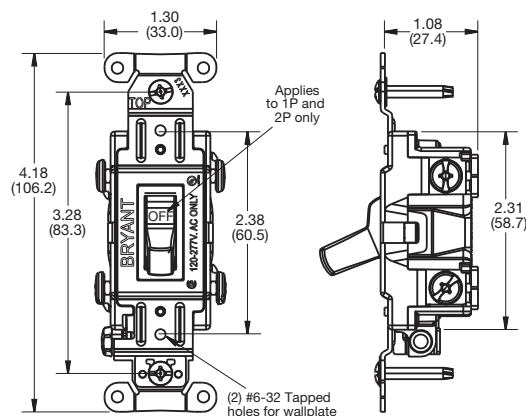


CS320BI

HORSEPOWER RATINGS

RATING	120V	240V	277V AC	RATING	120V	240V	277V AC
15 AMP	½ HP	2 HP	2 HP	20 AMP	1 HP	2 HP	2 HP

PRODUCT DIMENSIONS Inches (mm)



1P, 2P, 3W, 4W Switches

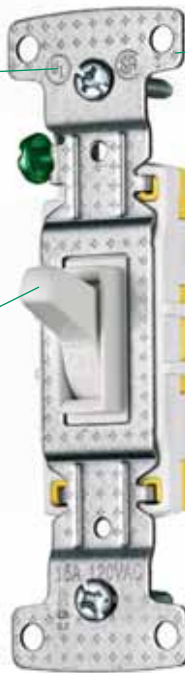
AC Switches

Residential Grade; 15 Amp 120V AC; Single-Pole; Push and Side Wired



UL Listed and
CSA Certified

Quiet snap action
mechanism



RS115W

Elongated strap with continuous
plaster ears to fit device flush to
the wall surface

Multiple-drive Slot/Phillips/
Robertson head screws

Tough thermoplastic ultrasonically
welded cover and base

High-visibility yellow base for
easy installation in low light
working conditions



RS115W



RS115KW



RS115ILC

RESIDENTIAL GRADE SINGLE-POLE TOGGLE SWITCHES, 15 AMP 120V AC

Description	Color	Catalog Number
Single-pole toggle switch; grounding; push and side wired	Almond	RS115AL
	Black	RS115BK
	Brown	RS115
	Ivory	RS115I
	Light Almond	RS115LA
	White	RS115W
Single-pole toggle switch; without ears; ground- ing; push and side wired; bulk packed; 100 per case; mounting screws inserted into strap	Almond	RS115KAL
	Ivory	RS115KI
	Light Almond	RS115KLA
	White	RS115KW
Single-pole toggle switch; self-grounding; push and side wired	Almond	RS115SAL
	Brown	RS115S
	Ivory	RS115SI
	Light Almond	RS115SLA
	White	RS115SW
Single-pole toggle switch; illuminated; self- grounding; push and side wired; frame is clear and illuminates; toggle is colored; does not require a neutral wire	Clear	RS115ILC
	Almond	RS115ILAL
	Ivory	RS115ILI
	Light Almond	RS115ILLA
	White	RS115ILW

AC Switches

Residential Grade; 15 Amp 120V AC; 3-Way and 4-Way; Push and Side Wired



Standard toggle switches feature:

- Tough thermoplastic with ultrasonically welded cover and base
- Elongated strap for easier wall box mounting
- Hi-visibility yellow base for easy installation
- Operating temperature: -20°C to 60°C
- UL Listed, CSA Certified

RESIDENTIAL GRADE

3-WAY AND 4-WAY TOGGLE SWITCHES, 15 AMP 120V AC



RS315W



RS315KW



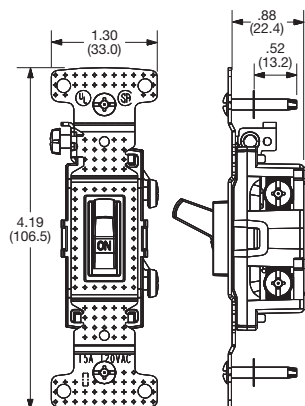
RS315ILC



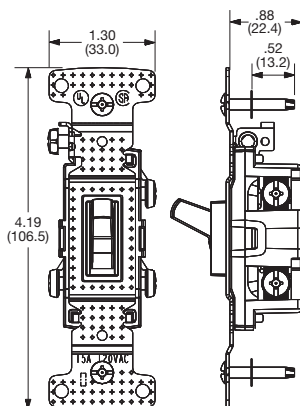
RS415W

Description	Color	Catalog Number
3-Way toggle switch; grounding; push and side wired	Almond	RS315AL
	Black	RS315BK
	Brown	RS315
	Ivory	RS315I
	Light Almond	RS315LA
	White	RS315W
3-Way toggle switch; without ears; self-grounding; push and side wired; bulk packed; 100 per case; mounting screws inserted into strap	Almond	RS315KAL
	Ivory	RS315KI
	Light Almond	RS315KLA
	White	RS315KW
3-Way toggle switch; self-grounding; push and side wired	Almond	RS315SAL
	Brown	RS315S
	Ivory	RS315SI
	Light Almond	RS315SLA
	White	RS315SW
3-Way toggle switch; illuminated; self-grounding; push and side wired; frame is clear and illuminates; toggle is colored; does not require a neutral wire	Clear	RS315ILC
	Almond	RS315ILAL
	Ivory	RS315ILI
	Light Almond	RS315ILLA
	White	RS315ILW
4-Way toggle switch; self-grounding; side wired	Almond	RS415AL
	Black	RS415BK
	Brown	RS415
	Ivory	RS415I
	Light Almond	RS415LA
	White	RS415W

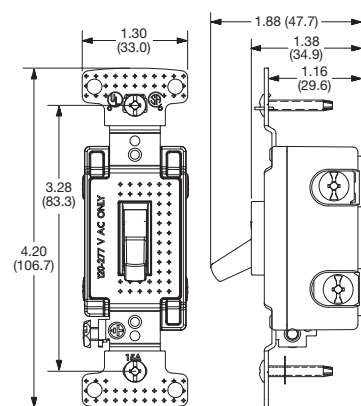
PRODUCT DIMENSIONS Inches (mm)



RS115



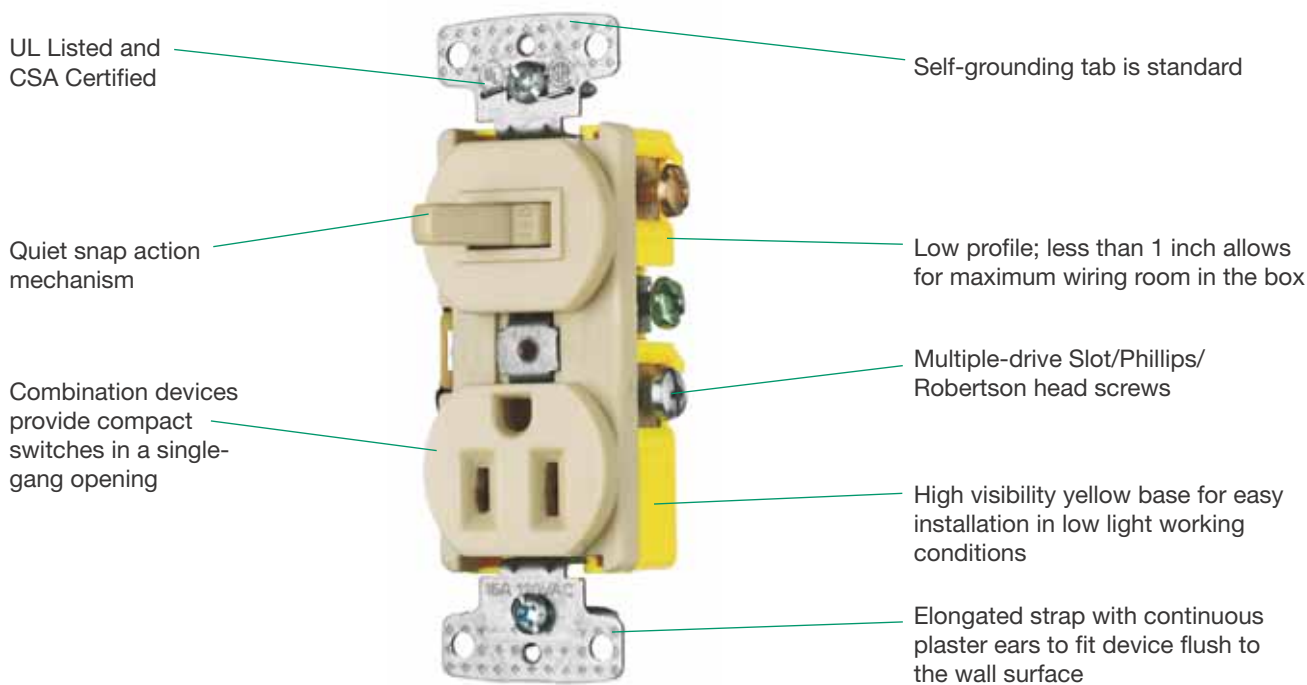
RS315



RS415

AC Switches

Residential Grade; 15 Amp 120V AC; Single-Pole; Side Wired



RC108I



RC101I



RC108I



RC109I

RESIDENTIAL GRADE COMBINATION SWITCHES/DEVICES

Description	Rating	Color	Catalog Number
Two (2) single-pole switches; self-grounding; side wired	15A 120V AC	Almond Brown Ivory Light Almond White	RC101AL RC101 RC101I RC101LA RC101W
Single-pole switch; 2-pole; 3-wire; receptacle; self-grounding; side wired	15A 120V AC 15A 125V NEMA 5-15R	Almond Brown Ivory Light Almond White	RC108AL RC108 RC108I RC108LA RC108W
Tamper-resistant; single-pole switch; 2-pole, 3-wire; receptacle; self-grounding; side wired	15A 120V AC 15A 125V NEMA 5-15R	Almond Brown Ivory Light Almond White	RC108ALTR RC108TR RC108ITR RC108LATR RC108WTR
Single-pole switch; pilot light; clear lens; amber neon bulb; self-grounding; side wired; neutral required for pilot light; see page D-7 for wiring diagram	15A 120V AC	Almond Brown Ivory Light Almond White	RC109AL RC109 RC109I RC109LA RC109W

Note: *See page Q-6 for tamper-resistant description.

AC Switches

Residential Grade; 15 Amp 120V AC; 3-Way; Side Wired



Mini-toggles provide for multiple switches in a compact single gang. Maximize control while maintaining function and appearance.

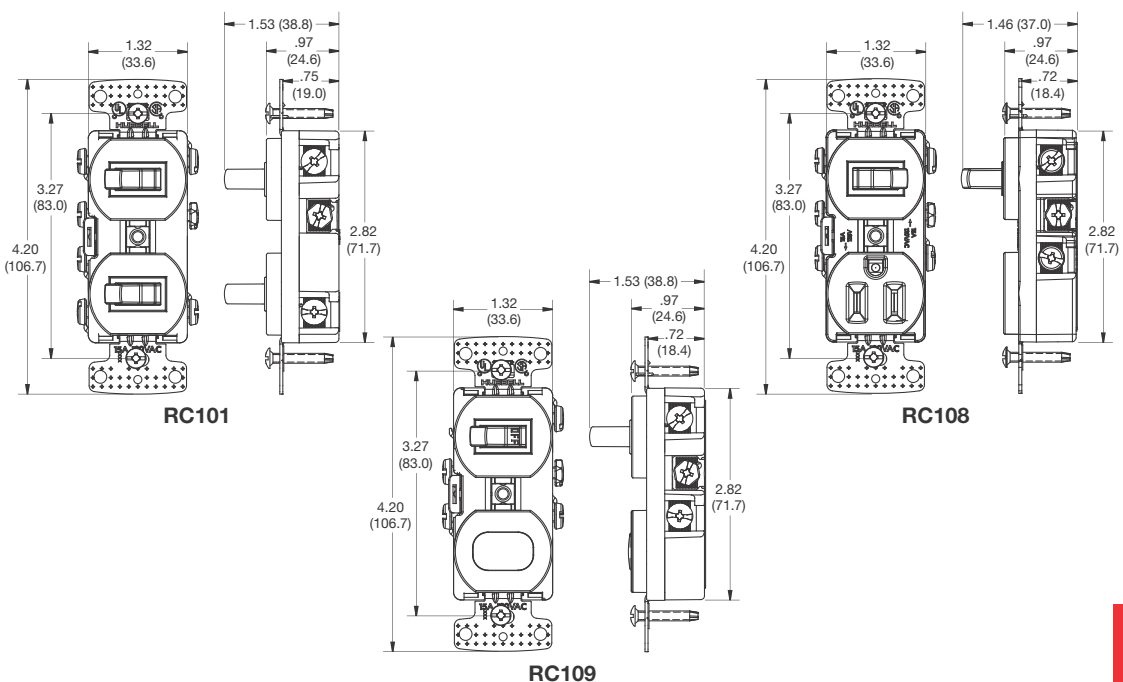
- Low profile, less than 1 inch
- Self-grounding feature is standard
- Smooth toggle action
- Operating temperature: -20°C to 60°C
- UL Listed, CSA Certified

RESIDENTIAL GRADE COMBINATION SWITCHES/DEVICES

Description	Rating	Color	Catalog Number
Single-pole and 3-way switch; self-grounding; side wired	15A 120V AC	Almond Brown Ivory Light Almond White	RC103AL RC103 RC103I RC103LA RC103W
Two (2) 3-way switches; self-grounding; side wired	15A 120V AC	Almond Brown Ivory Light Almond White	RC303AL RC303 RC303I RC303LA RC303W
3-Way switch; 2-pole, 3-wire; receptacle; self-grounding; side wired	15A 120V AC 15A 125V NEMA 5-15R	Almond Brown Ivory White	RC308AL RC308 RC308I RC308W
Tamper-resistant; 3-way switch; 2-pole, 3-wire; receptacle; self-grounding; side wired	15A 120V AC 15A 125V NEMA 5-15R	Almond Brown Ivory White	RC308ALTR RC308TR RC308ITR RC308WTR
3-Way switch; pilot light; clear lens; amber neon bulb; self-grounding; side wired; neutral required for pilot light	15A 120V AC	Almond Brown Ivory White	RC309AL RC309 RC309I RC309W

Note: *See page Q-6 for tamper-resistant description.

PRODUCT DIMENSIONS Inches (mm)





48071R

NEON PILOT LIGHTS

Description	Color	Watts	Catalog Number
Plastic jewel; back and side wired	Opal	1/25	480710
	Red	1/25	48071R



427

INCANDESCENT PILOT LIGHT LAMPHOLDERS

Description	Catalog Number
Phenolic lampholder with 6W 125V candelabra base lamp	427
Phenolic lampholder; less lamp	427LL



BSLD

TOGGLE SWITCH LOCKOUT

Description	Color	Catalog Number
Thermoplastic	Red	BSLD*

Note: *Not UL Listed or CSA Certified.



3850



746

PLASTIC JEWELS

Description	Color	Catalog Number
Rectangular; for standard switch plate opening	Red	746*
	Green	746GREEN*
Bullseye; for standard single receptacle plate opening	Red	3850*

Note: *Not UL Listed or CSA Certified.



4600A



4600B

SAFETY DOOR SWITCHES

Description	Rating	Catalog Number
Plug portion	10A 125V; 5A 250V	4600A*
Receptacle portion	10A 125V; 5A 250V	4600B*

Note: *Not UL Listed or CSA Certified.



RS100W

IN-LINE CORD SWITCHES

Description	Color	Rating	Catalog Number
Mini in-line cord switch; #18 AWG; for use with flat lamp cord; SPT 1 and SPT 2	White	6A 125V AC	RS100W



RS101W

Heavy duty in-line cord switch; 18/2-16/2; SPT 1 and SPT 2	Ivory White	6A 125V AC 1/2 HP	RS101I RS101W
---	----------------	----------------------	--------------------------------



RDS50

COMPACT DESIGN DOOR SWITCHES

Description	Material	Rating	Catalog Number
Door switch; "ON" when door is open; switch with cover plate and box	Zinc Plated Steel	3A 125V AC	RDS50*

Door switch; "OFF" when door is open; switch with cover plate and box	Zinc Plated Steel	3A 125V AC	RDS30*
--	-------------------	------------	---------------

Note: *Not UL Listed.



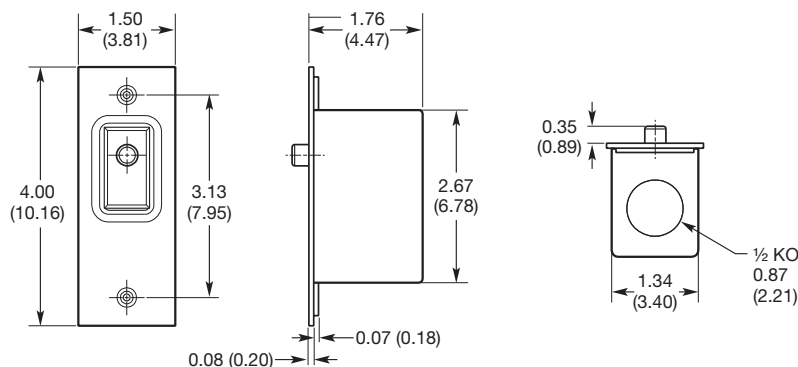
RDS30

COMPACT DESIGN DOOR REPLACEMENT SWITCHES

Description	Rating	Catalog Number
Switch only; for Cat. No. RDS50; complete with No. 18 wire leads and adjustable plunger	6A 125V; 3A 250V	1205BRY**
Switch only; for Cat. No. RDS30; complete with No. 18 wire leads and adjustable plunger	6A 125V; 3A 250V	1206BRY**

Note: **Not UL Listed or CSA Certified.

PRODUCT DIMENSIONS Inches (mm)



RDS50, RDS30



4801I

INDUSTRIAL GRADE

DESCRIPTION

Typical specification — Catalog No. 4801
Manufacturer's identification — Bryant 4801
Description — Industrial grade AC switch;
back and side wired
Type — Single-pole; single-throw; grounded
Rating — 15A, 120-277V AC

CERTIFICATION

- UL Listed; Guide #WMUZ
- Verified under Fed. Spec. #WS 896
- Complies with UL 20 and NEMA Standard WD-1

COMPONENTS

Base
Face
Toggle
Terminals
Terminal screws
Mounting yoke
Contacts
Movable contact arm
Rocker
Ground terminal
Ground screw
Auto ground clip

MATERIALS

Thermoset; ivory
Thermoset; color coded by amperage
Nylon
High performance copper-alloy
Brass #8 combination head
Brass and nickel-plated steel
Silver cadmium oxide
High performance copper-alloy
Elastomer
Brass and nickel-plated steel
Brass (green)
Stainless steel

PERFORMANCE

Electrical

Dielectric voltage	Withstands 1500V minimum
Maximum working voltage	277V AC
Overload	Minimum 4.8 times rated current for 100 cycles
Temperature rise	30° C maximum at rated current
Maximum continuous current	15A, 20A, 30A
Endurance	50,000 cycles minimum; tungsten filament lamp load (Fed. Spec.) #WS 896; single-pole, double-pole, 3-way and 4-way

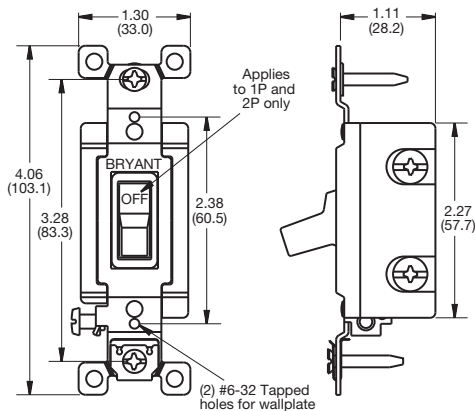
Mechanical

Terminal accommodations	#14 AWG minimum - #10 AWG maximum
-------------------------	-----------------------------------

Environmental

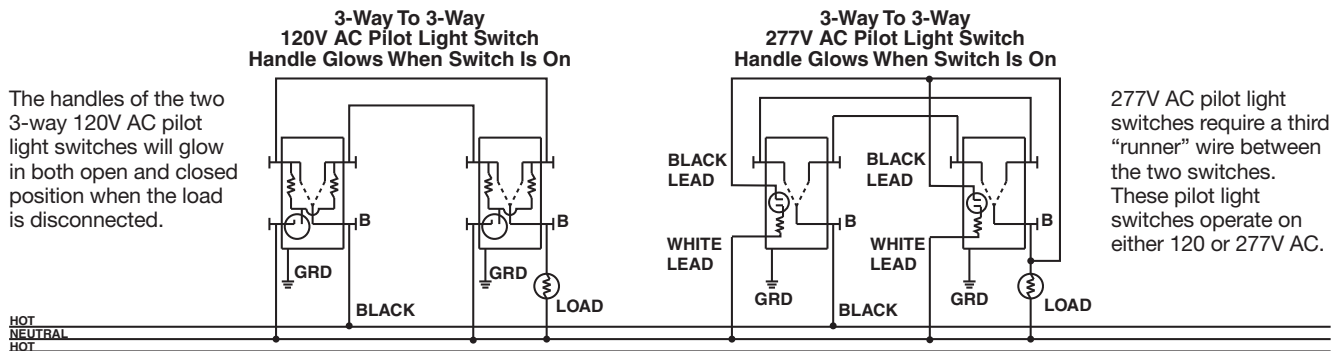
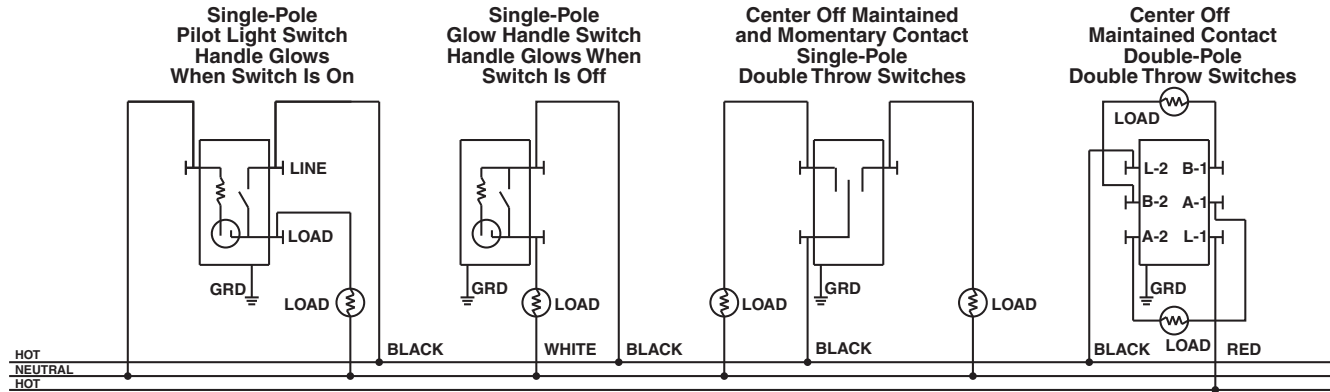
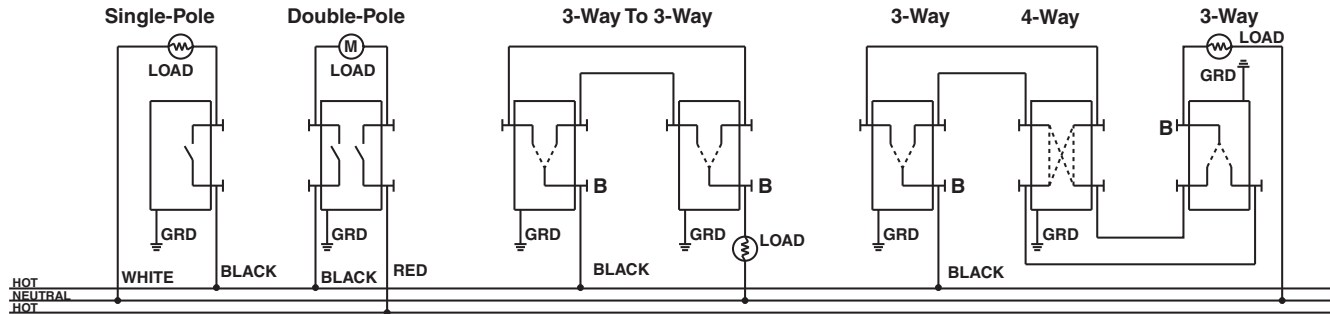
Flammability	UL 94 V2
Operating temperatures	Maximum continuous 75°C; minimum -40°C (without impact)

PRODUCT DIMENSIONS Inches (mm)



4801

AC SWITCHES





TECH·SPEC®



30003D



50003D



60003D



66033D



30102D



30302D



664S33D



664X33D



60003D



660AC

TOGGLE AC MOTOR CONTROLLERS

SUITABLE AS DISCONNECTS (See Section G for Product Features)

Description	Amp	Phase	Poles	HP Ratings				Catalog Number
				120V AC	240V AC	480V AC	600V AC	
Toggle switch	30	1	2	2	5	10	15	30002D
Short toggle switch	30	1	2	2	5	10	15	30002DS
Toggle switch	30	3	3	3	7.5	15	20	30003D
Short toggle switch	30	3	3	3	7.5	15	20	30003DS
Toggle switch	40	1	2	2	5	10	15	40002D
Toggle switch	40	3	3	3	7.5	15	20	40003D
Toggle switch	50	1	2	2	5	10	15	50002D
Toggle switch	50	3	3	3	7.5	15	25	50003D
Toggle switch	60	1	2	—	10	15	20	60002D
Toggle switch	60	3	3	—	10	25	30	60003D
Toggle switch – front wire	60	1	2	—	10	15	20	60002FWD
Toggle switch – front wire	60	3	3	—	10	25	30	60003FWD
Toggle switch	85	1	2	—	10	15	20	85002D
Toggle switch	85	3	3	—	10	25	40	85003D

ROTARY AC MANUAL MOTOR CONTROLLERS

SUITABLE AS DISCONNECTS (See Section G for Product Features)

Description	Amp	Phase	Poles	HP Ratings				Catalog Number
				120V AC	240V AC	480V AC	600V AC	
Rotary switch	30	1	2	2	5	10	15	66032D
Rotary switch	30	3	3	3	7.5	15	20	66033D
Rotary switch	40	1	2	2	5	10	15	66042D
Rotary switch	40	3	3	3	7.5	15	20	66043D
Rotary switch	60	1	2	—	10	15	20	66062D
Rotary switch	60	3	3	—	10	25	30	66063D

TOGGLE AND ROTARY ENCLOSED SWITCHES

SUITABLE AS DISCONNECTS (See Section G for Product Features)

Description	Amp	Phase	Poles	HP Ratings				Catalog Number
				120V AC	240V AC	480V AC	600V AC	
NEMA 1 aluminum – toggle	30	1	2	2	5	10	15	30102D
NEMA 1 aluminum – toggle	30	3	3	3	7.5	15	20	30103D
NEMA 1 aluminum – rotary	30	1	2	2	5	10	15	661032D
NEMA 1 aluminum – rotary	30	3	3	3	7.5	15	20	661033D
NEMA 3/3R non-metallic	30	1	2	2	5	10	15	30322D
NEMA 3/3R non-metallic	30	3	3	3	7.5	15	20	30323D
NEMA 3R die cast aluminum	30	1	2	2	5	10	15	30312D
NEMA 3R die cast aluminum	30	3	3	3	7.5	15	20	30313D
NEMA 3R aluminum	30	1	2	2	5	10	15	30302D
NEMA 3R aluminum	30	3	3	3	7.5	15	20	30303D
NEMA 3R aluminum	60	1	2	—	10	15	20	60302D
NEMA 3R aluminum	60	3	3	—	10	25	30	60303D
NEMA 4X stainless steel	30	3	3	3	7.5	15	20	664S33D
NEMA 4X stainless steel	60	3	3	—	10	25	30	664S63D
NEMA 4X rotary motor controller	30	3	3	3	7.5	15	20	664X33D
NEMA 4X rotary motor controller	40	3	3	3	7.5	15	20	664X43D
NEMA 4X rotary motor controller	40	3	3	—	10	25	30	664X63D

ACCESSORIES (See Section G for Product Features)

Description	Catalog Number
Finger guards; red; for use with 30, 40 and 50 amp switches (set of 2)	30003FG
Handle kit for rotary switch; includes handle, shaft, mounting brackets and required screws	6610MK
Weatherproofing kit for rotary switch; includes 4 seals, neoprene bushing and 3 “O” rings	664XWP
Auxiliary contact NO/NC; includes 1 contact for use with push-on terminals	660AC
Mounting feet for NEMA 4X enclosure	664XFT
Neutral buss connector for NEMA 4X enclosure	6603N