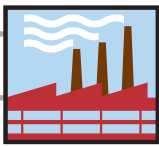


AC Switches

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AC SWITCH FEATURES

Industrial Grade AC Switches

LEVITON OFFERS A FULL LINE OF 15, 20 AND 30 AMP AC SWITCHES, AVAILABLE IN INDUSTRIAL, COMMERCIAL AND RESIDENTIAL GRADE, WITH A WIDE VARIETY OF COLORS, WIRING OPTIONS AND OTHER FEATURES.

Leviton's AC switches are for control of resistive and inductive loads and motors. A full selection of ratings is available in Industrial Grade, Commercial Grade and Residential Grade.

The following pages provide a comprehensive overview of the complete Leviton AC Quiet Switch product line. Ordering information will help you select the switches best suited to meet your application requirements.

Leviton's Industrial Grade AC switches for heavy-duty applications represent top-of-the-line quality and peak performance. Leviton uses the finest materials available and the highest production standards to produce industrial switches of unmatched versatility and reliability.

Features and Benefits—**LEVSPEC** Industrial Grade Switches

- Top-of-the-line industrial-grade quality for peak performance and rugged, long-lasting service
- All screws are triple-drive and accept Standard, Phillips and Robertson screwdrivers
- External clamp-type wiring terminals provides secure connection of solid or stranded wire for back or side wiring
- Back or side-wired grounding terminal offers wiring flexibility
- Sturdy, long-lasting thermoplastic toggles provide smooth switching action and long life
- UL 20 Listed; meets latest Federal Specifications WS-896, CSA Specification C22.2.2 No. 11 Certified; NOM Certified; complies with NEMA and ANSI requirements
- Backed by a Limited 10-Year Warranty



Back and Side Wired
External clamp-type terminals for maximum wiring versatility. **1203-21 shown**



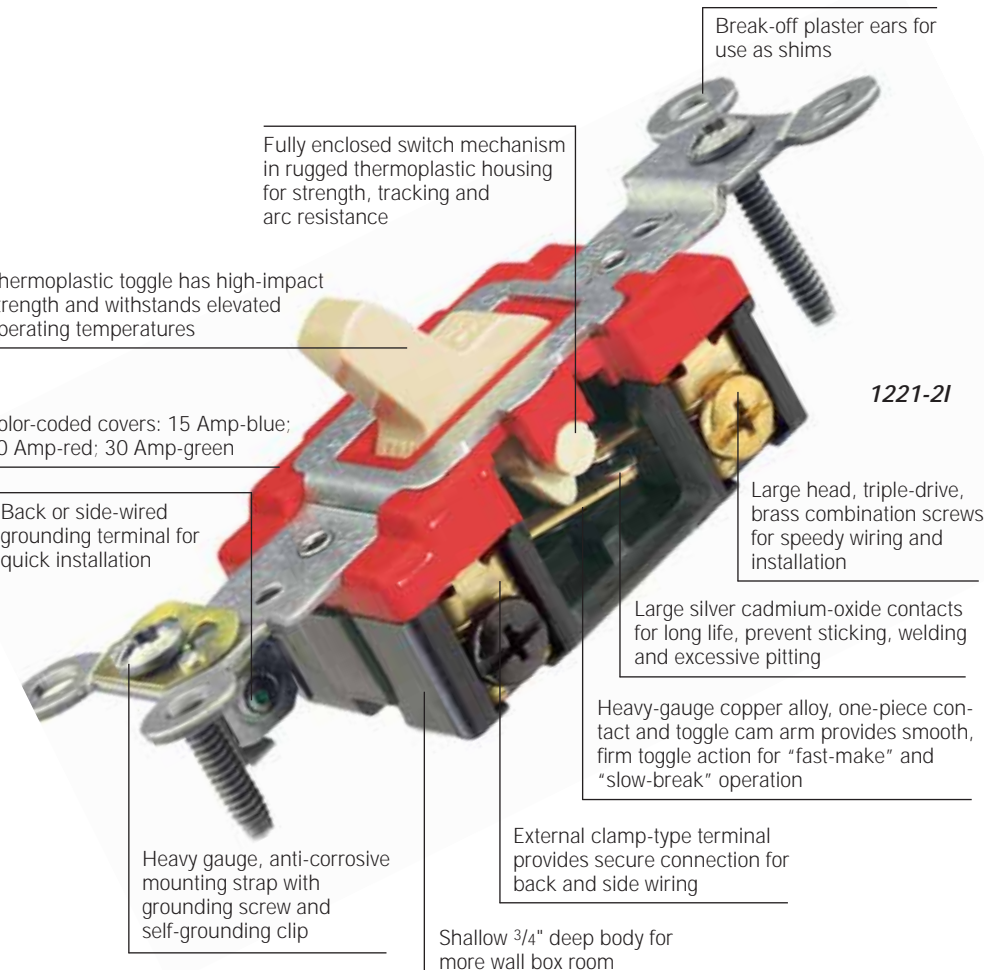
Pilot Light
Toggle is illuminated when load is on for visual confirmation. **1201-PLC shown**

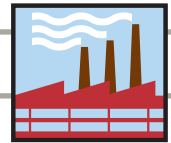


Locking
Designed to prevent tampering and unauthorized switching. **1121-2L shown**



Maintained and Momentary Contact
Positive switching action with center-off position. **1285 shown**





Industrial Grade AC Quiet Switches

Back and Side Wired 120/277V AC Quiet Switches

DESCRIPTION LEVSPEC®	15 AMP	20 AMP	30 AMP	COLOR* <i>Basic Cat. No. Denotes Brown</i>
Single-Pole Toggle	1201-2	1221-2	3031-2	15A: I, W, GY, R 20A: I, W, A, T, GY, R, E 30A: I, W
Single-Pole Locking†	1201-2L	1221-2L	3031-2L	15A: I; 20A: I, W, G, R
Double-Pole Toggle	1202-2	1222-2	3032-2	15A: I, W, GY 20A: I, W, GY, R, E 30A: I, W, E, R
Double-Pole Locking†	1202-2L	1222-2L	3032-2L	20A: I
3-Way Toggle	1203-2	1223-2	3033-2	15A: I, W, GY, R 20A: I, W, GY, R, E, A, T 30A: I, W
3-Way Locking†	1203-2L	1223-2L	3033-2L	15A: I; 20A: I, W, G
4-Way Toggle	1204-2	1224-2	—	15A: I, W, GY 20A: I, W, GY, R, E, T
4-Way Locking†	1204-2L	1224-2L	—	20A: I, G, W

SPECCASS® General Duty Switches

Single Pole Toggle	—	1221-S	—	20A: I, W, R, GY
Double Pole Toggle	—	1222-S	—	20A: I, W, GY
3-Way Toggle	—	1223-S	—	20A: I, W, R, GY
4-Way Toggle	—	1224-S	—	20A: I, W, GY

†Key for Locking Switch: Cat. No. 55500-PRT.

Wire Lead 120/277V AC Quiet Switches

DESCRIPTION	15 AMP	20 AMP	COLOR
SPECCASS® General Duty Switches			
Single-Pole Toggle	1241	1243	15A & 20A: I, W
3-Way Toggle	1242	1244	15A & 20A: I, W

Back and Side Wired Canadian 347V AC Quiet Switches

DESCRIPTION	15 AMP	20 AMP	COLOR** <i>See Canadian Color</i>
Single-Pole Toggle	18201	18221	15A & 20A: I, W, B, R, G
Double-Pole Toggle	18202	18222	15A: I only 20A: I, B
3-Way Toggle	18203	18223	15A & 20A: I, W, B, R, G
4-Way Toggle	18204	18224	15A: I, B, R, G 20A: I, B

NOTE: Cat. Nos. 1201, 1221, 18201, 18221, 1203, 1223, 18203 and 18223 feature external clamp-type wiring termination for back and side wiring

Wallplates

THERMOPLASTIC			302 STAINLESS STEEL			
80701-I	80709-E	80711-W	84001-40	84001-E40	84009-40	84011-40

For complete wallplate selection, see Section E.

SPECIFICATIONS AND FEATURES

- Top-of-the-line industrial quality
- Heavy gauge copper alloy one-piece arm for top performance
- Large silver cadmium-oxide contacts for long life, prevent sticking, welding and excessive pitting
- Color-coded covers: 15 Amp-blue; 20 Amp-red; 30 Amp-green
- Fully enclosed switch mechanism in rugged housing for strength, tracking and arc resistance
- Brass combination-head terminal screws on LEVSPEC devices, steel combination head terminal screws on other devices
- Self-grounding clip on LEVSPEC devices (self-grounding when used with a grounded metal wallbox)
- Wire lead switches for fast and easy installation

TESTING AND CODE COMPLIANCE

- Meets all NEMA WD 1 & 6, and ANSI requirements
- Meets Federal Specification WS-896
- UL Listed (File #E-7458)
- CSA Certified (File #152105)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty
- SPECCASS devices backed by a Limited 2-Year Warranty

*COLOR

Basic Cat. Nos. shown above denote Brown color. Other color available as listed, add suffix to catalog number as follows: Ivory (-I), White (-W), Gray (-GY or -G), Red (-R), Black/Ebony (-E), Almond (-A) and Light Almond (-T). For locking switch colors, use the following suffixes: Ivory (-2IL), White (-2WL), Gray (-2GL), Red (-2RL).

** CANADIAN COLOR

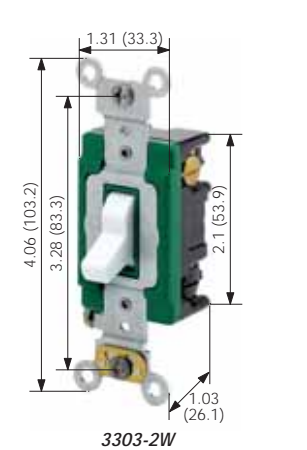
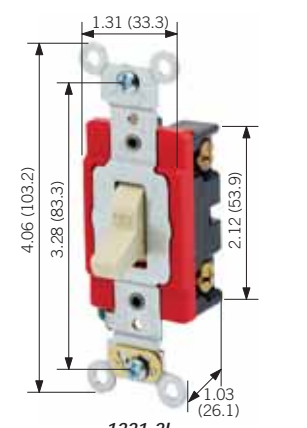
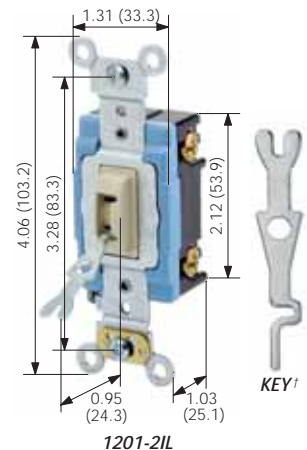
For color selection, add suffix to catalog number as follows: Ivory (-I), White (-W), Brown (-B), Red (-R), and Gray (-G).

HORSEPOWER

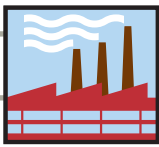
15A	20A	30A
1/2 @ 120V	1 @ 120V	2 @ 120V
2 @ 240V	2 @ 240V	2 @ 240V

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2
Operating Temperature: -40°C to 65°C.

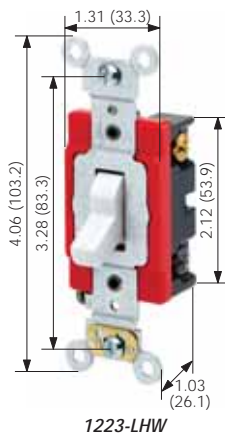
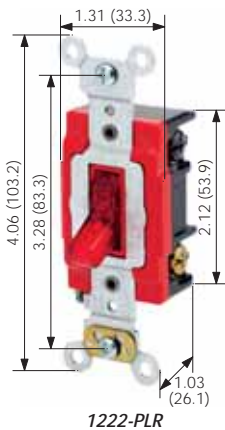
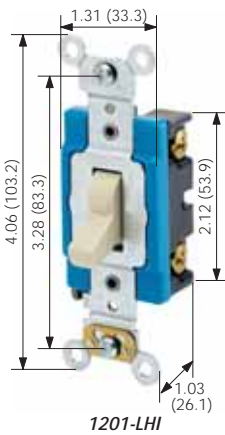
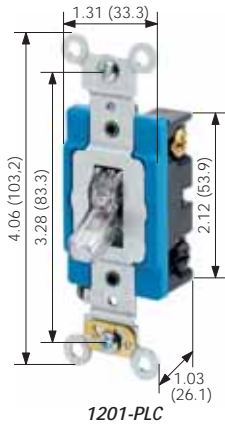


AC Switches



15, 20 and 30 AMP 120V and 20 AMP 277V

Industrial Grade AC Switches



Pilot Light and Lighted Handle

Back and Side Wired Pilot Light

DESCRIPTION*	15 AMP 120V	20 AMP 120V	30 AMP 120V	20 AMP 277V
Single-Pole	1201-PL	1221-PL	3031-PL✓	1221-7P✓
Double-Pole	1202-PL+	1222-PL	3032-PL✓	1222-7P+
3-Way	1203-PL	1223-PL	—	1223-7P+

Note: Pilot light switches require a neutral wire; lighted handle switches do not require a neutral wire.

*Available toggles for these devices: Clear (-PLC), Red (-PLR), Green (-PLG).

+Available in red toggle only.

✓Available in clear or red toggle only.

Back and Side Wired Lighted Handle

DESCRIPTION†	15 AMP 120V	20 AMP 120V	30 AMP 120V	20 AMP 277V
Single-Pole	1201-LH	1221-LH	3031-LH*	1221-7L
3-Way	1203-LH	1223-LH	—	1223-7L

Note: Pilot light switches require a neutral wire; lighted handle switches do not require a neutral wire.

†Available toggles for these devices: Clear (-LHC), Ivory (-LHI), White (-LHW).

*Available in ivory toggle only.

Wallplates

THERMOPLASTIC			302 STAINLESS STEEL			
80701-I	80709-I	80711-W	84001-40	84001-E40	84009-40	84011-40

For complete wallplate selection, see Section E.

SPECIFICATIONS AND FEATURES

- Pilot light and lighted handle switches provide top performance in punishing industrial applications
- Lighted handle illuminated when load is OFF. Pilot light toggle illuminated when load is ON.
- 120 and 277V versions in single pole and 3-way
- Fully enclosed switch mechanism in rugged housing for strength, track and arc resistance
- Self-grounding clip (self-grounding when used with a grounded metal wallbox)

TESTING AND CODE COMPLIANCE

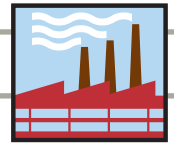
- Meets all NEMA WD 1 & 6, and ANSI requirements
- Meets Federal Specification WS-896
- UL Listed (File #E-7458)
- CSA Certified (File #152105)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

HORSEPOWER

15A	20A	30A
1/2 @ 120V	1 @ 120V	2 @ 120V

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2
Operating Temperature: -40°C to 65°C.



Maintained and Momentary Contact

Back and Side Wired Maintained Contact 120/277V AC

DESCRIPTION	15 AMP	20 AMP	30 AMP	COLOR*
Single-Pole, Double Throw, Center Off	1281	1285	1287	15A: I, W 20A: I, W, GY 30A: I
Single-Pole, Double Throw, Center Off, Locking†	1281-L	1285-L	1287-L	15, 20 & 30A: Black only
Double-Pole, Double Throw, Center Off	1282	1286	1288	15A: I, W 20A: I, W 30A: I, W
Double-Pole, Double Throw, Center Off, Locking†	—	—	1288-L	30A: Black only

†Key for Locking Switch: Cat. No. 55500-PRT

Back and Side Wired Momentary Contact 120/277V AC

DESCRIPTION	15 AMP	20 AMP	30 AMP	COLOR*
Single-Pole, Double-Throw, Center Off	1256	1257	1260★	15: I, W, GY 20A: I, W, GY 30A: Brown only
Single-Pole, Double-Throw, Center Off, Locking†	—	1257-L★	—	20A: Black only
Double-Pole, Double-Throw, Center Off	—	—	1262★	30A: Brown only

†Key for Locking Switch: Cat. No. 55500-PRT.

CSA Certified except where indicated by ★

Wallplates

THERMOPLASTIC			302 STAINLESS STEEL			
80701-I	80709-E	80711-W	84001-40	84001-E40	84009-40	84011-40

For complete wallplate selection, see Section E.

SPECIFICATIONS AND FEATURES

- Single-Pole and Double-Pole versions, toggle or locking
- Positive switching action with center-off position
- Large silver cadmium-oxide contacts for long life, prevent sticking, welding and excessive pitting
- Clamp-type terminals accept up to #10 CU wire
- Full rated current capacity on fluorescent, tungsten and resistive loads; motor load capacity up to 80% switch current rating

TESTING AND CODE COMPLIANCE

- Meets all NEMA WD 1 & 6, and ANSI requirements
- UL Listed (File #E-7458)
- CUL (File #E-63969)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

*COLOR

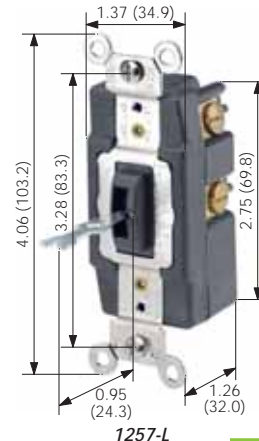
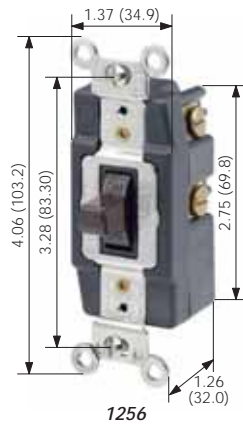
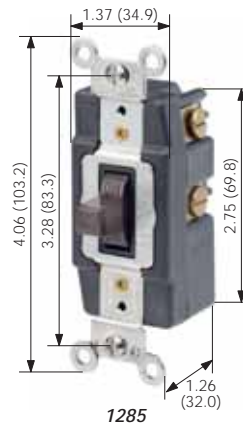
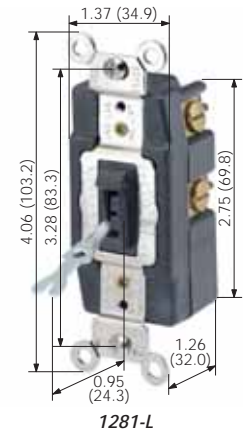
Basic Cat. Nos. shown above denote Brown color except for Locking Devices (Black). Other colors available as listed, add suffix to catalog number as follows: Ivory (-I), White (-W) and Gray (-GY).

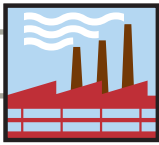
HORSEPOWER

15A	20A	30A
1/2 @ 120V	1 @ 120V	2 @ 120V
2 @ 240V	2 @ 240V	2 @ 240V

MATERIAL CHARACTERISTICS

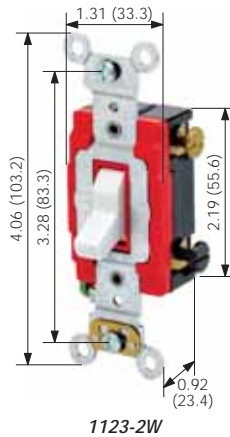
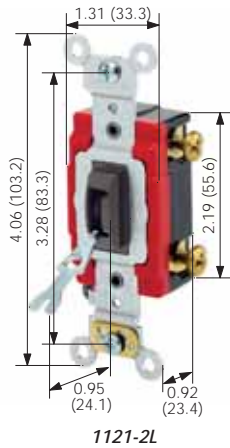
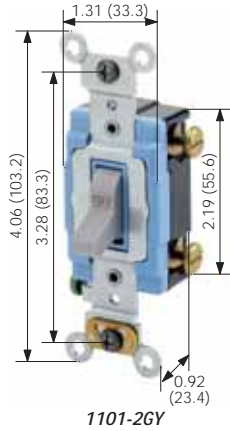
Environmental: Flammability, Rated V2
Operating Temperature: -40°C to 65°C.





15 and 20 AMP 120/277V

Industrial Grade AC Quiet Switches



Side Wired 120/277V AC Quiet Switches

DESCRIPTION	15 AMP	20 AMP	COLOR*
Single-Pole Toggle	1101-2	1121-2	15A: I, W, GY 20A: I, W, GY, R
Single-Pole Locking†	1101-2L	1121-2L	15A & 20A: Brown Only
Double-Pole Toggle	1102-2	1122-2	15A: I 20A: I, W, GY
Double-Pole Locking	1102-2L	1122-2L	15A & 20A: Brown Only
3-Way Toggle	1103-2	1123-2	15A: I, W, GY 20A: I, W, GY, R
3-Way Locking†	1103-2L	1123-2L	15A & 20A: Brown Only
4-Way Toggle	1104-2	1124-2	15A: Ivory only 20A: I, W, GY, R
4-Way Locking†	1104-2L	1124-2L	15A & 20A: Brown Only

†Key for Locking Switch: Cat. No. 55500-PRT.

Wallplates

THERMOPLASTIC			302 STAINLESS STEEL			
80701	80709-1	80711-W	84001-40	84001-E40	84009-40	84011-40

For complete wallplate selection, see Section E.

SPECIFICATIONS AND FEATURES

- Rugged construction for trouble-free service in industrial environments
- Heavy-gauge copper alloy one-piece arm for smooth, quiet, firm toggle action
- Large silver cadmium-oxide contacts for long life, prevent sticking, welding and excessive pitting
- Large head, deep-slotted terminal screws for fast, easy wiring; accept up to #10 copper and copper-clad wire
- Self-grounding clip (self-grounding when used with a metal wallbox)

TESTING AND CODE COMPLIANCE

- Meets all NEMA WD 1 & 6, and ANSI requirements
- UL Listed (File #E-7458) to meet the latest Federal Specification, WS-896
- CSA Certified (File #152105)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

*COLOR

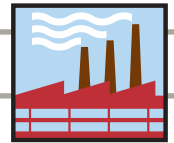
Basic Cat. Nos. shown above denote Brown color. Other colors available as listed, add suffix to catalog number as follows: Ivory (-I), White (-W), Gray (-GY), Red (-R), Black/Ebony (-E).

HORSEPOWER

15A	20A
1/2 @ 120V	1 @ 120V
2 @ 240V	2 @ 240V

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2
Operating Temperature: -40°C to 65°C.



Industrial Grade AC Manual Motor and Welder Starting Switches

Back and Side Wired AC Manual Motor Starting Switches 30 AMP 600V AC

DESCRIPTION	MAX. HP RATING	IN TYPE 1 ENCL.	IN TYPE 3R ENCL.	SWITCH ONLY
Double-pole, single-throw AC manual motor starting switch, without overload protection. Color: Black	2HP 120V AC 5HP 240V AC 10HP 480V AC 15HP 600V AC	N1302	N3302	MS302
Same as above – Short Toggle				MS302-S
Three-pole, single-throw AC manual motor starting switch, without overload protection. Color: Black	3HP 120V AC 7.5HP 240V AC 15HP 480V AC 20HP 600V AC	N1303	N3303	MS303
Same as above – Short Toggle				MS303-S



Back and Side Wired AC Manual Motor Starting Switches 40 AMP 600V AC

DESCRIPTION	MAX HP RATING	CAT. NO.
Double-pole, single-throw AC manual motor starting switch, without overload protection. Color: Black	2HP 120V AC 5HP 240V AC 10HP 480V AC 15HP 600V AC	MS402
Three-pole, single-throw AC manual motor starting switch, without overload protection. Color: Black	3HP 120V AC 7.5HP 240V AC 15HP 480V AC 20HP 600V AC	MS403

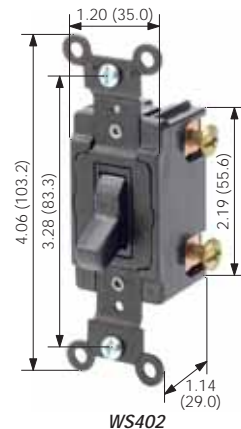


Back or Front Wired AC Manual Motor Starting Switches 60 AMP 600V AC

DESCRIPTION	MAX. HP RATING	IN NEMA 3R ENCL.	SWITCH ONLY
Double-pole, single-throw AC manual motor starting switch, without overload protection. Back Wired. Color: Black	10HP 240V AC 15HP 480V AC 20HP 600V AC	N3602	MS602-BW
Same as above except Front Wired			MS602-FW
Three-pole, single-throw AC manual motor starting switch, without overload protection. Back Wired. Color: Black	10HP 240V AC 25HP 480V AC 30HP 600V AC	N3603	MS603-BW
Same as above except Front Wired			MS603-FW

Side Wired AC Manual Welder Starting Switches 40 AMP 600V AC

DESCRIPTION	MAX. HP RATING	CAT. NO.
Double-pole, single-throw AC manual welder starting switch. Color: Black	5HP 250V AC	WS402



Enclosures and Wallplates

TYPE 1 STEEL ENCLOSURE WITHOUT SWITCH For 30A MS Switches	TYPE 3R ENCLOSURE WITHOUT SWITCH For 30A MS Switches	302 STAINLESS STEEL LOCKOUT WALLPLATE w/TAMPER-RESISTANT SCREWS and SPANNER TOOL	TYPE 1 ENCLOSURES w/THERMOPLASTIC COVER and w/30A 2-P (N1302-T) or 30A 3-P (N1303-T) Switch	TYPE 3R ENCLOSURE WITHOUT SWITCH For 40 or 60A MS Switches
2 Knockouts 1/2" and 3/4" Top and Bottom	2 Bottom Knockouts #1 Allows: 1/2", 3/4" #2 Allows: 1", 1 1/4"	84001-LOK (Lock purchased separately)	N1303-T (w/30A Switch) N1303-T (Cover Only)	2 Bottom Knockouts both allow: 1/2", 3/4", 1", 1 1/4"
 N13NC	 N33NC		 	 N36NC

Note: For Type 3R Enclosure lockout, padlock with 5/16" or equivalent shackle recommended (min. 1/4" Dia.). For complete wallplate selection, see Section E.

SPECIFICATIONS AND FEATURES

MS Switches

- All molded parts are thermoplastic to resist impacts, chemicals, temperature, tracking and arcing
- Positive-contact design enhances fast-make/ slow-break
- Silver-alloy contacts for maximum conductivity and service life
- Back and side wire terminals accept up to #10 AWG solid copper wire. For stranded #8 AWG wire, remove terminal clamp and use ring terminal
- Oversized #10 triple-combination terminal screws are vibration resistant
- Insulating barrier between terminals provide isolation from each phase

- Nickel-plated brass mounting yoke for superior corrosion resistance
- Large toggle provides positive actuation, even with gloved hand

WS Switches

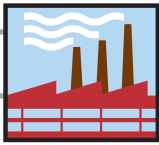
- Capable of accommodating bus bar termination in multi-gang applications
- Hole for mounting hardware supports panel mounting with self-threading fasteners or pop rivets
- Terminal screws accept up to # 10 AWG solid copper wire. For stranded # 8 AWG wire, remove terminal clamp and use ring terminal
- Fast-threading, corrosion-resistant brass triple-combination screws for fast, easy installation

TESTING AND CODE COMPLIANCE

- MS devices: UL & CUL Listed (File #E-63969)
- WS devices: UL Recognized Component (File #E-63969)
- MS & WS devices comply with UL 508
- Backed by a Limited Ten-Year Warranty

MATERIAL CHARACTERISTICS

UL94 V0 Flammability Rating
Operating Temperature: -40°C to 65°C



SAFETY DISCONNECT SWITCH FEATURES

Industrial Grade Watertight Safety Disconnect Switches UL 98 & UL 508 Listed, CUL per CSA Specification, C22.2 No. 14 Certified

2 YEAR LIMITED
WARRANTY

Liquid-tight conduit fitting can be installed for top or bottom feed

- One fitting supplied:
- 30 Amp – 1"
 - 60 Amp – 1 1/4"
 - 100 Amp – 1 1/2"

Stainless steel screws are captive and will not fall out when cover is opened

- Impact UV and chemical-resistant Valox enclosure rated to UL and IEC watertight standards
- Type 3R, 4X & 12K
 - IP67

**Fused Models Accept
"Class J" Time-Delay Fuses**

Pre-wired grounding plates (top and bottom of enclosure) connect to metal conduit grounding system

Brass threaded inserts will not strip, provide higher torque, and form tighter seal between back box and cover

Rugged hinge mechanism pivots 180° for easy access during installation and maintenance

Red "pistol grip" handle provides visual confirmation of switch's status

Integrated lockout handle meets OSHA safety regulations

**Watertight Safety Disconnect Switches Include —
30 Amp Fused, 60 & 100 Amp
(Fused & Non-Fused)**

**Meets 2002 NEC® Requirements
430.102 (A) and 430.102 (B)**

Circuit identification pad for means of identifying specific equipment loads

DS60-FAX



Handle with padlock installed

Generous wiring space for top to bottom wiring

- Disconnect switch with integrated fuse holder offers proven performance in a compact package
- Fused cartridges accept "Class J" fuses (not included)
 - 1 Factory installed Auxiliary Contact (Normally Open – 10 Amp)
 - Additional Auxiliary Contact Available (Normally Closed – 10 Amp)
 - Easily accessible neutral and ground terminal blocks



Cover Screws: 1 1/8" deep slotted. LG stainless steel.
Mounting Screws: 10-24 x 1/2" deep slotted. LG stainless steel.

DS60-FAX

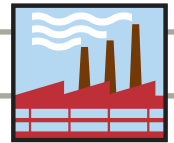


STANDARDS & CERTIFICATIONS

Safety Disconnect Switches

UL 98 Fused (Including 100A Non-Fused - DS)	UL 508 Non-Fused	CSA C22.2 No. 14	NOM	CE	IEC 947-3
E63969		✓	✓	✓*	✓

* Not available on DS30-AX



Industrial Grade Watertight Safety Disconnect Switches



Engineered to UL & IEC Watertight Standards

Meets 2002 NEC® Requirements 430.102 (A) and 430.102 (B)



DS30-AX (Non-Fused)



DS60-FAX (Fused)



DS100-AX (Non-Fused)

2 YEAR LIMITED WARRANTY

Ordering Information for Watertight Safety Disconnect Switches

AMPS	MAX VOLTAGE	INTERRUPTED RATINGS — RMS SYMMETRICAL AMPERES	
		Non-Fused are suitable for use on circuits capable of delivering not more than (see chart below for catalog no. and value) RMS symmetrical amperes.	
		Fused, when protected by Class J fuses, 600V AC maximum, are suitable for use on circuits capable of delivering not more than (see chart below for catalog no. and value) RMS symmetrical amperes.	
		CATALOG NO. NON-FUSED	CATALOG NO. FUSED
30 60 100	600V AC 600V AC 600V AC	DS30-AX DS60-AX DS100-AX	DS30-FAX DS60-FAX

ELECTRICAL			
	Device	Current Applied	Duration
Ground Path Integrity	30 A	60 A	2 min
	60 A	120 A	4 min
	100 A	200 A	6 min
Current Interrupting	Certified for current interrupting at full-rated current and voltage		
Endurance	6000 operations at rated current and voltage (Power factor 0.75 – 0.80)		
Dielectric	1000 V plus twice rated voltage for 1 minute		

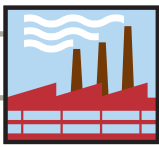
MECHANICAL	
Mold Stress Relief	70°C for 7 hours
Knockout Test	Remains in place with 20 lb push
Crush	100 lb
Impact	1.2 lb steel ball dropped from 5 ft
Cold Impact	Same as above, after conditioning to -35°C
Strength of Insulating Base and Support	110% of specified tightening torque on terminal screws
Pullout	18 lb pull on internal wires

ENVIRONMENTAL	
Flammability	V2 or better per UL 94 or CSA 22.2 No 0.6; V-0 for watertight enclosure
Rain (3R) per UL 50	Water spray @ 5 psi from all sides for 1 hr
Hosedown (4X) per UL 50	Water spray @ 65 gal/min for 5 minutes
Dust (12K) per UL 50	Cement Dust Circulated @ 1000 ft/minute for 5 minutes
Gasket Aging	70°C for 168 hours
UV Resistance	Exposed plastic materials are UV stabilized
Operating Temperature	-40°C to +60°C (-40°F to +140°F)

VOLTS	MAX. HP RATINGS PER UL508 NON-FUSED SAFETY DISCONNECT SWITCHES		
	DS30-AX	DS60-AX	DS100-AX
120V AC	1	2	5
208V AC	5	20	25
240V AC	2.5	10	15
480V AC	5	20	25
600V AC	NA	20	20
3Ø Y 120/208V AC	5	20	25
3Ø 240V AC	5	20	30
3Ø 480V AC	15	40	50
3Ø 600V AC	15	40	50

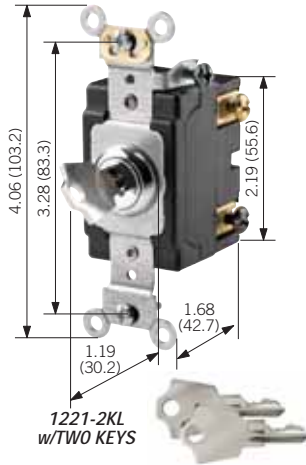
VOLTS	MAX. HP RATINGS PER UL508 FUSED SAFETY DISCONNECT SWITCHES	
	DS30-FAX	DS60-FAX
120V AC	2	NR
208V AC	7.5	15
240V AC	3	NR
480V AC	15	NR
600V AC	20	NR
3Ø Y 120/208V AC	7.5	15
3Ø 240V AC	7.5	15
3Ø 480V AC	15	30
3Ø 600V AC	20	50

NR = Not Rated



20 AMP 120/277V

Industrial Grade AC Key Lock Power Switches



Back and Side Wired Key Lock Power Switches 20 AMP 120/277V AC

DESCRIPTION	CAT. NO.
Single-Pole Key Lock Power Switch, 2 keys provided	1221-2KL
Double-Pole Key Lock Power Switch, 2 keys provided	1222-2KL
3-Way Key Lock Power Switch, 2 keys provided	1223-2KL
4-Way Key Lock Power Switch, 2 keys provided	1224-2KL
Replacement Keys, 2 per pack	2KL

Wallplates and Wallboxes

302 STAINLESS STEEL COMES WITH TAMPER-RESISTANT SCREWS and SPANNER TOOL	FD or DEEP WALLBOX RECOMMENDED MINIMUM INTERNAL DEPTH 2 ³ / ₄ " SINGLE COVER/GANG	ADAPTER EXTENDS SHALLOW WALLBOX, USE WITH STAINLESS WALLPLATE—CAT. NO. 84071-40
 84701-40		 COLOR Brown Ivory White CAT. NO. 6197 6197-I 6197-W
2-GANG STAINLESS STEEL WALLPLATE	3-GANG STAINLESS STEEL WALLPLATE	
 84072-40	 84073-40	

For complete wallplate selection, see Section E.

Key Lock Power Switches are not recommended for use on Master or Emergency Power Systems.

SPECIFICATIONS AND FEATURES

- Key-operated locking mechanism for maximum tamper-proof operation in schools, institutions, public housing, trailer parks, loading docks, freight yards and other areas
- Chrome lock dome with 2 keys provided per switch
- Back and side wire terminals accept up to #14 – #10 AWG copper or copper clad wire
- Large, combination head terminal screws with external clamps
- 4-Way switch has internal, back-wire clamps
- Triple-combination mounting screws for fast, easy installation
- Heavy-gauge rust-resistant mounting strap with steel grounding screw and self-grounding clip (self grounding when used in a properly grounded metal wallbox)
- Key removable in ON or OFF positions

TESTING AND CODE COMPLIANCE

- Meets NEMA WD-1, WD-6 & ANSI requirements
- Meets Federal Specifications WS-896
- UL Listed (File #E-7458)
- CSA Certified (File #152105)
- NOM Certified (#057)
- Backed by a Limited Ten-Year Warranty

HORSEPOWER

20A
 1 @ 120V
 2 @ 240V
 16 Amp Max.

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2
 Operating Temperature: -40°C to 65°C.

AC QUIET SWITCH FEATURES

Commercial Grade AC Quiet Switches



LEVITON OFFERS A LARGE SELECTION OF 15 AND 20 AMP COMMERCIAL SWITCHES, AVAILABLE IN A WIDE VARIETY OF COLORS, WIRING OPTIONS AND OTHER FEATURES.

Leviton's Commercial Grade switches are designed to offer outstanding reliability and top performance in commercial settings. Ideal applications include municipal facilities, government buildings, malls, department stores, hospital and health care facilities, office buildings, schools, colleges, universities, houses of worship and cultural institutions.

Features and Benefits

- Listed UL Federal Specification, WS-896
- External clamp-type wiring terminals provides secure connection of solid or stranded wire for back or side wiring (CSB1 and CSB3)
- Heavy-duty pre-plated steel mounting strap for maximum strength
- All screws are brass combination-head for fast installation with Standard, Phillips and Robertson head screwdrivers
- Backed by a Limited 10-Year Warranty

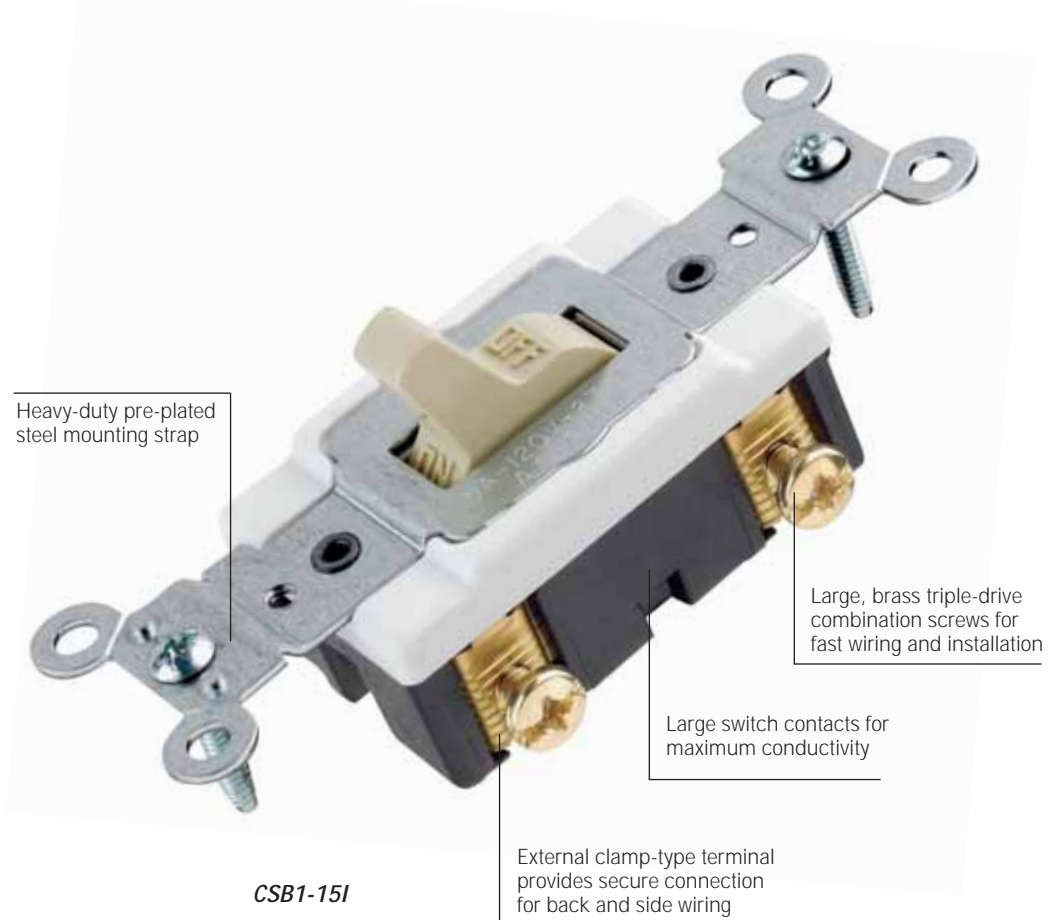
Back and Side Wired
External clamp-type terminals for maximum wiring versatility.
CSB1-20 shown

Side Wired
Sturdy, rugged, cost effective.
CS120-2W shown

Framed Toggle
For neater finished appearance.
54501-2I shown

Lighted Toggle
Lights up, when power is off, easy to locate in darkened rooms.
5501-LHI shown

Hospital Call Switch
Turns on when toggle is pulled down with cord (included).
5501-8 shown



Heavy-duty pre-plated steel mounting strap

Large, brass triple-drive combination screws for fast wiring and installation

Large switch contacts for maximum conductivity

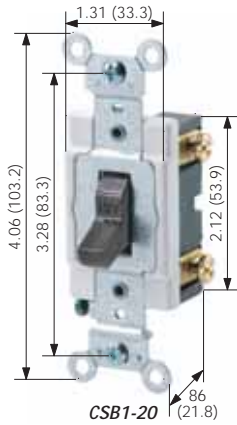
External clamp-type terminal provides secure connection for back and side wiring

CSB1-151

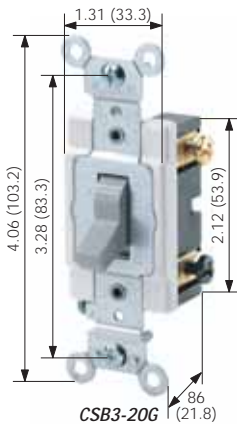


15 and 20 AMP 120/277V • 15 and 20 AMP CANADIAN 120/277V

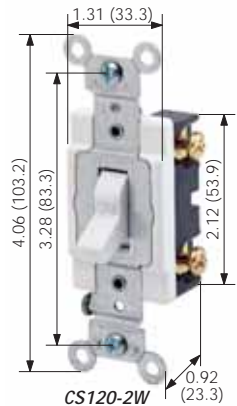
Commercial Grade AC Quiet Switches



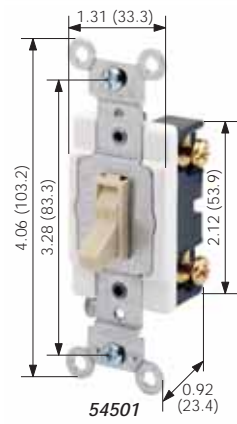
CSB1-20



CSB3-20G



CS120-2W



54501

Back and Side Wired 120/277V AC Quiet Switches

DESCRIPTION	15 AMP	20 AMP	COLOR*
Single-Pole Toggle	CSB1-15	CSB1-20	15A & 20A: I, W, A, T, G
Double-Pole Toggle	CSB2-15	CSB2-20	15A: I, W, A, T 20A: I, W, A, T, G
3-Way Toggle	CSB3-15	CSB3-20	15A: I, W, A, T 20A: I, W, A, T, G
4-Way Toggle	CSB4-15	CSB4-20	15A: I, W, A 20A: I, W, A, G

Side Wired 120/277V AC Quiet Switches

DESCRIPTION	15 AMP	20 AMP	COLOR*
Single-Pole Toggle	CS115-2	CS120-2	15A & 20A: I, W, A, T, GY, E
Single-Pole Hospital Call Switch†	5501-8	—	15A: I
Double-Pole Toggle	CS215-2	CS220-2	15A: I, W, GY 20A: I, W, A, T, GY, E
Double-Pole Hospital Call Switch†	5502-8	—	15A: Ivory Only
3-Way Toggle	CS315-2	CS320-2	15A: I, W, A, T, GY 20A: I, W, A, T, GY, E
4-Way Toggle	CS415-2	CS420-2	15A: I, W, A, T, GY 20A: I, W, A, T, GY, E
Single-Pole, Framed Toggle	54501-2	54521-2	15A & 20A: I, W, GY
Double-Pole, Framed Toggle	54502-2	54522-2	15A: I, W 20A: I, W
3-Way, Framed Toggle	54503-2	54523-2	15A & 20A: I, W, GY
4-Way, Framed Toggle	54504-2	54524-2	15A: I, W, A, T, GY 20A: I, W, GY

†Hospital Call Switch turns on when toggle is pulled down with cord (3-ft braided cord included)

NOTE: Cat. Nos. CSB1 and CSB3 feature external clamp-type wiring termination for back and side wiring

Side Wired Canadian 120/277V AC Quiet Switches

Note: Cat. No. 54501-2 series is identified in Canada by the following catalog numbers:

DESCRIPTION	15 AMP	20 AMP	COLOR**
Single-Pole, Framed Toggle	1101-C	54521-2	15A: I, W, B, G, E 20A: I, W, B, G
Double-Pole, Framed Toggle	1102-C	54522-2	15A & 20A: I, W, B, G
3-Way, Framed Toggle	1103-C	54523-2	15A: I, W, B, E 20A: I, W, B, G
4-Way, Framed Toggle	1104-C	54524-2	15A: I, W, B, E 20A: I, W, B, G

Wallplates

THERMOPLASTIC			302 STAINLESS STEEL			
80701-I	80709	80711-W	84001-40	84001-E40	84009-40	84011-40

For complete wallplate selection, see Section E.

SPECIFICATIONS AND FEATURES

- Large head triple-drive combination screws (Standard, Phillips and Robertson) for fast wiring
- Heavy-gauge, rust-resistant steel mounting strap
- Accepts #14-#12 AWG copper or copper-clad wire
- Convenient break-off plaster ears for best alignment
- Large switch contacts for maximum conductivity

TESTING AND CODE COMPLIANCE

- UL Listed to meet the latest Federal Specification, WS-896 (File #E-748)
- Meets all NEMA WD 1 & 6, and ANSI requirements
- CSA Certified (File #LR-3413)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

*COLOR

Basic Cat. Nos. shown above denote Brown color. Other colors available as listed, add suffix to catalog number as follows: Ivory (-I), White (-W), Almond (-A), Light Almond (T), Gray (-GY), Black (-E).

** CANADIAN COLOR

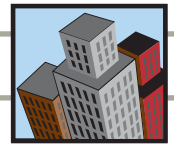
For color selection, add suffix to catalog number as follows: Ivory (-I), White (-W), Brown (-B), and Gray (-G).

HORSEPOWER

15A	20A
1/2 @ 120V	1 @ 120V
2 @ 240V	2 @ 240V

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2
Operating Temperature: -40°C to 65°C.



Side Wired Lighted Toggle 15 AMP 120V AC Only

DESCRIPTION	CAT. NO.	COLOR*
Single-Pole Lighted Toggle	5501-LH	15A: I, W
3-Way Lighted Toggle	5503-LH	15A: I, W

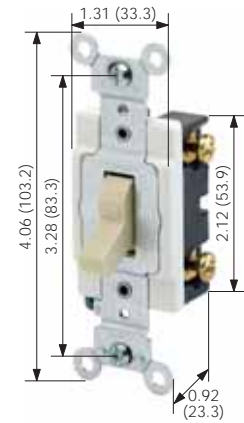
Side Wired Canadian 15 AMP 347V AC

DESCRIPTION	CAT. NO.	COLOR** <i>See Canadian Color</i>
Single-Pole, Framed Toggle	18201-C	15A: I, W, B, G
Double-Pole, Framed Toggle	18202-C	15A: I, W
3-Way, Framed Toggle	18203-C	15A: I, W, B, G
4-Way, Framed Toggle	18204-C	15A: I, W, G

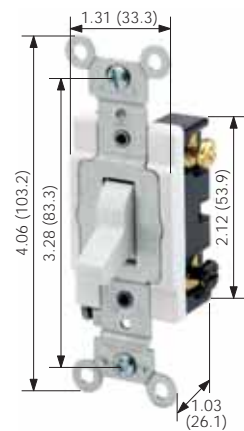
Wallplates

THERMOPLASTIC			302 STAINLESS STEEL			
80701-I	80709-I	80711-W	84001-40	84001-E40	84009-40	84011-40

For complete wallplate selection, see Section E.



5501-LH1



5503-LHW

SPECIFICATIONS AND FEATURES

- Quiet, reliable mechanical action
- Large head triple-drive combination screws (Standard, Phillips and Robertson) for fast wiring installation
- Accepts #14–#12 AWG copper or copper-clad wire
- Large switch contacts for maximum conductivity

TESTING AND CODE COMPLIANCE

- UL listed to meet the latest Federal Specification, WS-896 (File #E-748)
- Meets all NEMA WD 1 & 6, and ANSI requirements
- CSA Certified (File #LR-3413)
- NOM Certified (#057)
- Backed by a Limited 10-Year Warranty

*** COLOR**

Basic Cat. Nos. shown above denote Brown color except for Lighted Toggle Switches. Other colors available as listed, add suffix to catalog number as follows: Ivory (-I), White (-W).

**** CANADIAN COLOR**

For color selection, add suffix to catalog number as follows: Ivory (-I), White (-W), Brown (-B), and Gray (-G)

HORSEPOWER

15A
1/2 @120V

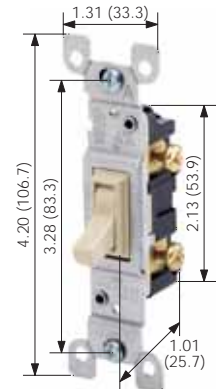
MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2
Operating Temperature: -40°C to 65°C.

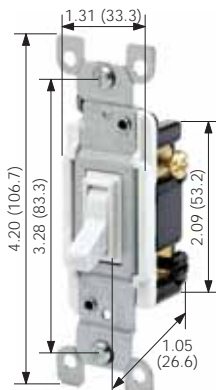


15 AMP 120V

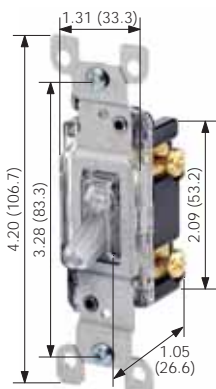
Residential Grade AC Quiet Switches



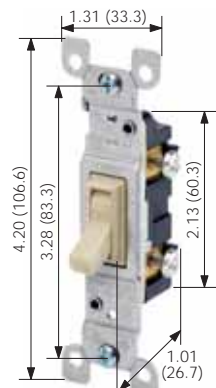
1451



1453



1461-LHC



2651-2

Quickwire and Side Wired Framed Toggle 15 AMP 120V AC Quiet Switches

DESCRIPTION	CAT. NO.	COLOR*
Single-Pole	1451	I, W
3-Way	1453	I, W, A, T
Single-Pole with grounding screw	1451-2	I, W, A, T, E
3-Way with grounding screw	1453-2	I, W, A, T, E
4-Way with grounding screw	54504-2	I, W, A, GY, T
Single-Pole, less ears with grounding screw	1451-4	I, W
3-Way, less ears with grounding screw	1453-4	I, W

Note: Available in Convenience Packs.

Quickwire and Side Wired Illuminated Toggle 15 AMP 120V AC

DESCRIPTION	CAT. NO.	COLOR (Toggle & Frame)*
Single-Pole (Amber Illumination)	1461-LH	C
3-Way (Amber Illumination)	1463-LH	C
Single-Pole (Green Illumination)	1461-GH	I, W, A, T, E
3-Way (Green Illumination)	1461-GH	I, W, A, T, E

Note: Illuminated switches do not require a neutral wire.

CO/ALR Side Wired Framed Toggle

15 AMP 120V AC

DESCRIPTION	CAT. NO.	COLOR*
Single-Pole with grounding screw	2651-2	I, W
3-Way with grounding screw	2653-2	I, W



Note: CO/ALR devices are for connection to 12 or 10 AWG aluminum conductors.

Wallplates

THERMOPLASTIC			302 STAINLESS STEEL			
80701-I	80709	80711-W	84001-40	84001-E40	84009-40	84011-40

For complete wallplate selection, see Section E.

SPECIFICATIONS AND FEATURES

- Faster installation with combination of side wiring and Quickwire push-in wiring
- Quickwire accepts conductors up to #12 AWG; #14 AWG in Canada
- Side wire accepts conductors up to #12 AWG
- Large head triple-drive combination screws (Standard, Phillips, Robertson) for fast wiring installation
- Impact-resistant, durable thermoplastic toggle and frame

TESTING AND CODE COMPLIANCE

- UL Listed (File # E-7458)
- CSA Certified (File #LR-3413)
- NOM Certified (#057)
- Backed by a Limited Two-Year Warranty

*COLOR

Basic Cat. Nos. shown above denote Brown color. Other colors available as listed, add suffix to catalog number as follows: Ivory (-I), White (-W), Almond (-A), light Almond (T), Black/Ebony (-E), Clear (-C), Grey (-GY)

HORSEPOWER

15A
1/2 @120V

MATERIAL CHARACTERISTICS

Environmental: Flammability, Rated V2
Operating Temperature: -40°C to 65°C.