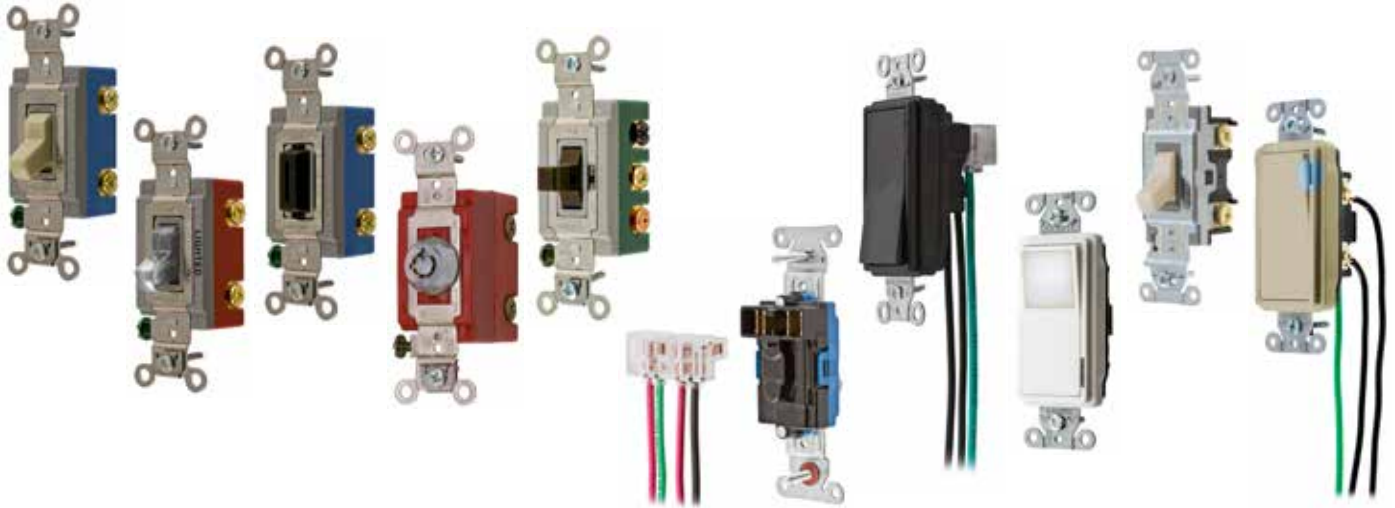


SECTION D

Table of Contents



HBL® Extra Heavy Duty Industrial Grade Switches



SNAPConnect® Toggle and Decorator Switches



Pre-Wired/Leaded Commercial Switches



| Product | Page | Product | Page |
|--|------|---|------|
| HBL® Extra Heavy Duty Industrial Grade Series | | Switch Accessories | |
| Toggle and Locking Type | D-3 | Pilot Light, SWITCHOUT® Lockout Device and Weatherproof Switch Plates for Toggle Switches | D-15 |
| Toggle Type Illuminated and Pilot Light | D-4 | Nylon, Snap-On and Metal Wallplates | D-16 |
| 3-Position, 2-Circuit Center OFF | D-4 | Certification Chart | D-17 |
| Toggle 347V and Preswitch® | D-5 | Dimmers | |
| Hubbell-PRO Heavy Duty Industrial Series | D-6 | Slide and Rotary Control Dimmers | D-18 |
| SNAPConnect® Heavy Duty Series | | Dimmer Ganging and Derating | D-19 |
| SNAPConnect® Toggle | D-8 | Heavy Duty Panel Mount and Bat Handle Switches | D-20 |
| SNAPConnect® Decorator | D-9 | Technical Information | D-22 |
| Specification Grade Commercial Series | | | |
| Toggle and Framed Toggle | D-11 | | |
| Pre-Wired/Leaded and Style Line® Decorator | D-12 | | |
| Weatherproof Series, Illuminated and Night Light | D-13 | | |
| Low Voltage, Maintained and Momentary Contact | D-14 | | |

Switches

Features and Benefits

HBL® Extra Heavy Duty Industrial Grade

The HBL® Switch provides the safest and most reliable design for heavy-duty Industrial environments.

- 15, 20 and 30 Amp 120/277V AC
- Single Pole, Double Pole, 3-Way and 4-Way
- Illuminated and Pilot with LED
- Locking Both Standard and Rotary
- 3 Position Momentary and Maintained
- Abuse Resistant Nylon Toggle



Housing Design

- One-piece design engineered thermoset base for superior heat dissipation
- One-piece design high impact-resistant thermoplastic front for heavy-duty industrial environments
- Stainless steel automatic grounding clip assures grounding continuity between mounting strap and metal wall box



Wiring Design

- Back wire entrance points for terminations accept two wires for feed through capability avoiding pigtail
- Large brass binding head screws with deep slots secure wire connections
- Strip gauge for accurate wiring



Bridge Design

- One-piece bridge with integral grounding terminal with #8 brass screw allows compliance to NEC®
- Steel nickel plated mounting strap provides a superior corrosion resistant finish
- Thread cleaning captive mounting screw



Toggle

- Heavy duty nylon toggle resists abuse and chemical attack making it suitable for use in the toughest environments
- Elastomer rocker assures quiet operation and precise timing
- Permanently lubricated assembly provides long life and trouble free operation



Identification

- Color coded base identifies amperage when terminating connections, 15A (Blue), 20A (Red) and 30A (Green)
- Prominent amperage marking allows easy identification of rating



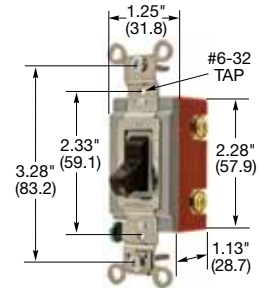
Contacts

- One-piece rivetless copper alloy spring contact arm and terminal plate assures proper contact alignment reducing heat rise
- Large silver alloy contacts reduce contact erosion and prevent welding, providing long life

NEC® is a registered trademark of the National Fire Protection Association (NFPA).

HBL® Extra Heavy Duty Industrial Series, 15A, 120/277V AC

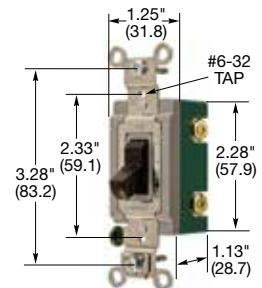
| Description | Toggle Color | Single Pole | Double Pole | Three Way | Four Way |
|------------------------------|--------------|------------------|-----------------|------------------|------------------|
| Toggle, back and side wired. | Black | HBL1201BK | — | HBL1203BK | HBL1204BK |
| | Brown | HBL1201 | HBL1202 | HBL1203 | HBL1204 |
| | Gray | HBL1201GY | — | HBL1203GY | HBL1204GY |
| | Ivory | HBL1201I | HBL1202I | HBL1203I | HBL1204I |
| | Light Almond | HBL1201LA | — | — | — |
| | Red | HBL1201R | — | — | — |
| | White | HBL1201W | — | HBL1203W | HBL1204W |



HBL1221

20A, 120/277V AC

| Description | Toggle Color | Single Pole | Double Pole | Three Way | Four Way | |
|------------------------------|--------------|------------------|------------------|------------------|------------------|-----------------|
| Toggle, back and side wired. | Black | HBL1221BK | HBL1222BK | HBL1223BK | HBL1224BK | |
| | Brown | HBL1221 | HBL1222 | HBL1223 | HBL1224 | |
| | Gray | HBL1221GY | HBL1222GY | HBL1223GY | HBL1224GY | |
| | Ivory | HBL1221I | HBL1222I | HBL1223I | HBL1224I | |
| | Light Almond | HBL1221LA | HBL1222LA | HBL1223LA | HBL1224LA | |
| | Red | HBL1221R | HBL1222R | HBL1223R | HBL1224R | |
| | | White | HBL1221W | HBL1222W | HBL1223W | HBL1224W |



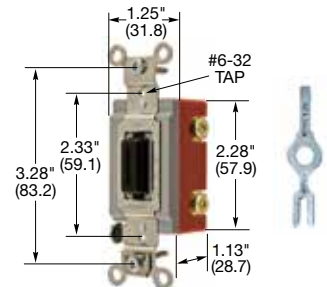
HBL3031

30A, 120/277V AC

| Description | Key Guide Color | Single Pole | Double Pole | Three Way | Four Way |
|---------------|-----------------|-----------------|-----------------|-----------------|----------|
| Nylon toggle. | Brown | HBL3031 | HBL3032 | HBL3033 | — |
| | Ivory | HBL3031I | HBL3032I | HBL3033I | — |
| | White | — | HBL3032W | — | — |

HBL® Extra Heavy Duty Industrial Locking Series, 15A, 120/277V AC

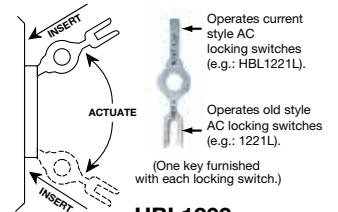
| Description | Key Guide Color | Single Pole | Double Pole | Three Way | Four Way |
|---------------------------------|-----------------|------------------|------------------|------------------|------------------|
| Key Guide, back and side wired. | Black | HBL1201L | HBL1202L | HBL1203L | HBL1204L |
| | Gray | HBL1201LG | HBL1202LG | HBL1203LG | HBL1204LG |
| | Ivory | HBL1201LI | HBL1202LI | HBL1203LI | HBL1204LI |
| | White | HBL1201LW | HBL1202LW | HBL1203LW | HBL1204LW |
| Key for Locking switch. | | HBL1209 | | | |



HBL1221L and Key

20A, 120/277V AC

| Description | Key Guide Color | Single Pole | Double Pole | Three Way | Four Way |
|---------------------------------|-----------------|------------------|------------------|------------------|------------------|
| Key Guide, back and side wired. | Black | HBL1221L | HBL1222L | HBL1223L | HBL1224L |
| | Gray | HBL1221LG | HBL1222LG | HBL1223LG | HBL1224LG |
| | Ivory | HBL1221LI | HBL1222LI | HBL1223LI | HBL1224LI |
| | White | HBL1221LW | HBL1222LW | HBL1223LW | HBL1224LW |
| Key for Locking switch. | | HBL1209 | | | |



HBL1209

HBL® Extra Heavy Duty Industrial AC Barrel Key Locking Switch†, 20A, 120/277V AC

| Description | Key Guide Color | Single Pole | Double Pole | Three Way | Four Way |
|---------------------------------------|-----------------|--------------------|--------------------|--------------------|--------------------|
| Chrome operator, back and side wired. | Chrome | HBL1221RKL* | HBL1222RKL* | HBL1223RKL* | HBL1224RKL* |
| Replacement Barrel Key. | | HBL1209RKL | | | |

Note: Keys are supplied with each locking switch. For extra keys order HBL1209.

†Not Fed. Spec.

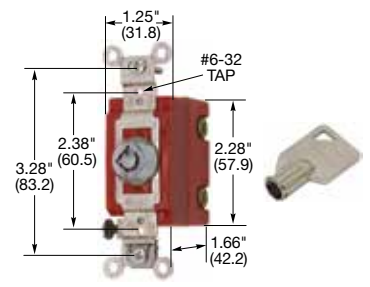
See Wallplate section, page O-17 for locking switch wallplates.

See page D-15 for accessories and page D-16 for wallplates.

See page D-22 for technical information.

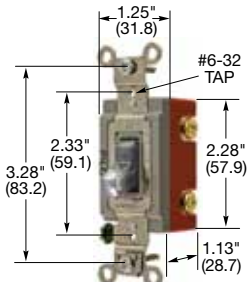
HP Conversion Chart

| | 120V | 208V | 240V | 277V AC |
|-----|------|-------|------|---------|
| 15A | .5HP | 1.5HP | 2HP | 2HP |
| 20A | 1HP | 2HP | 2HP | 2HP |
| 30A | 2HP | 2HP | 2HP | 2HP |

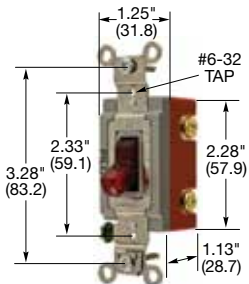


HBL1222RKL and Key

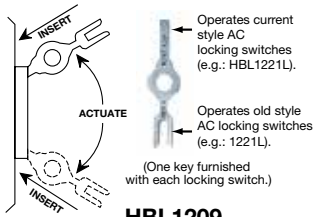
Dimensions in Inches (mm)



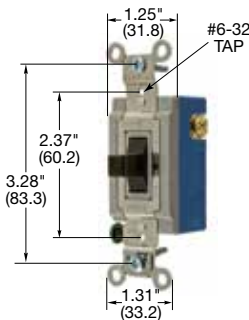
HBL1221ILC



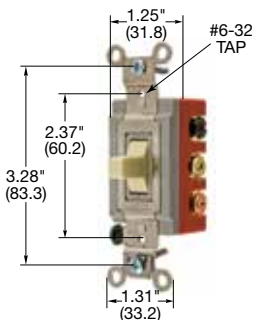
HBL1221PL



HBL1209



HBL1381



HBL1386I

Dimensions in Inches (mm)

HBL® Extra Heavy Duty Industrial Series, Illuminated Toggle Switches, Light ON with Load OFF

| Description | Toggle Color | Rating | Single Pole | Double Pole | Three Way |
|------------------------------------|--------------|-----------------|-------------------|-------------|-------------------|
| Nylon toggle, back and side wired. | Ivory | 15A 120/277V AC | HBL1201IL | — | HBL1203IL |
| | Ivory | 20A 120/277V AC | HBL1221IL | — | HBL1223IL |
| | Clear | | HBL1221ILC | — | HBL1223ILC |
| | Red | | HBL1221ILR | — | — |

HBL® Extra Heavy Duty Industrial Series, Pilot Light Switches, Light ON with Load ON

| Description | Toggle Color | Rating | Single Pole | Double Pole | Three Way |
|------------------------------------|--------------|-----------------|-------------------|------------------|-------------------|
| Nylon toggle, back and side wired. | Red | 15A 120/277V AC | HBL1201PL | — | HBL1203PL |
| | Red | 20A 120/277V AC | HBL1221PL | HBL1222PL | HBL1223PL |
| | Clear | | HBL1221PLC | — | HBL1223PLC |
| | Green | | HBL1221PLG | — | — |
| | Red | 30A 120/277V AC | HBL3031PL | HBL3032PL | — |

HBL® Extra Heavy Duty Industrial Series, Momentary Contact, Specification Grade, Three Position, Two Circuit, Center OFF

| Description | Toggle Color | Rating | |
|------------------------------------|--------------|------------------|------------------|
| | | 15A, 120/277V AC | 20A, 120/277V AC |
| Nylon toggle, back and side wired. | Brown | HBL1556 | HBL1557 |
| | Gray | HBL1556GY | HBL1557GY |
| | Ivory | HBL1556I | HBL1557I |
| | Light Almond | HBL1556LA | HBL1557LA |
| | Red | HBL1556R | — |
| | White | HBL1556W | HBL1557W |
| Key guide, back and side wired. | Black | HBL1556L | HBL1557L |
| | Gray | HBL1556LG | HBL1557LG |
| | Ivory | HBL1556LI | HBL1557LI |
| | White | HBL1556LW | HBL1557LW |
| Key for Locking switch. | | HBL1209 | |

HBL® Extra Heavy Duty Industrial Series, Maintained Contact, Specification Grade, Three Position, Two Circuit, Center OFF, Single Pole, Double Throw

| Description | Toggle Color | 15A 120/277V AC | 20A 120/277V AC | 30A 120/277V AC |
|------------------------------------|--------------|-----------------|-----------------|-----------------|
| Nylon toggle, back and side wired. | Brown | HBL1381 | HBL1385 | — |
| | Ivory | HBL1381I | HBL1385I | — |
| | White | — | HBL1385W | — |

Three Position, Two Circuit, Center OFF, Double Pole, Double Throw

| Description | Toggle Color | 15A 120/277V AC | 20A 120/277V AC | 30A 120/277V AC |
|------------------------------------|--------------|-----------------|-----------------|-----------------|
| Nylon toggle, back and side wired. | Brown | HBL1382 | HBL1386 | HBL1388 |
| | Ivory | HBL1382I | HBL1386I | HBL1388I |
| Locking. | | — | HBL1386L | — |
| Key for Locking switch. | | — | HBL1209 | — |

Note: Keys are supplied with each locking switch. For extra keys order HBL1209. See page D-15 for accessories and page D-16 for wallplates. See page D-22 for technical information.

HP Conversion Chart

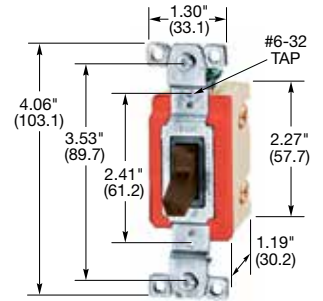
| | 120V | 208V | 240V | 277V AC |
|-----|------|-------|------|---------|
| 15A | .5HP | 1.5HP | 2HP | 2HP |
| 20A | 1HP | 2HP | 2HP | 2HP |
| 30A | 2HP | 2HP | 2HP | 2HP |

Switches

HBL® Extra Heavy Duty Industrial Series, 15A, 347V AC



| Description | Toggle Color | Single Pole | Double Pole | Three Way | Four Way |
|------------------------------------|--------------|--------------------|-------------|--------------------|--------------------|
| Nylon toggle, back and side wired. | Brown | HBL18201CN | — | HBL18203CN | — |
| | Ivory | HBL18201ICN | — | HBL18203ICN | HBL18204ICN |
| | White | HBL18201WCN | — | HBL18203WCN | — |
| Locking. | | HBL18201LCN | — | HBL18203LCN | — |
| Key for Locking switch. | | HBL1209* | | | |



HBL18221CN

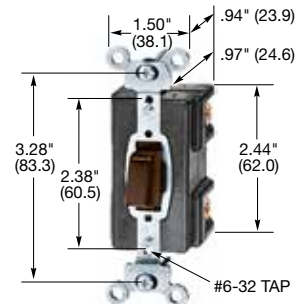
20A, 347V AC

| Description | Toggle Color | Single Pole | Double Pole | Three Way | Four Way |
|------------------------------------|--------------|--------------------|-------------|--------------------|----------|
| Nylon toggle, back and side wired. | Brown | HBL18221CN | — | HBL18223CN | — |
| | Ivory | HBL18221ICN | — | HBL18223ICN | — |
| | White | HBL18221WCN | — | HBL18223WCN | — |

PresSwitch® Specification Grade Push Button, Standard Type 20A, 120/277V AC



| Description | Toggle Color | Single Pole | Double Pole | Three Way | Four Way |
|----------------------------------|--------------|-----------------|-----------------|------------------|------------------|
| Nylon actuator, side wired only. | Brown | HBL1281 | HBL1282 | HBL1283* | HBL1284* |
| | Ivory | HBL1281I | HBL1282I | HBL1283I* | HBL1284I* |



HBL1281

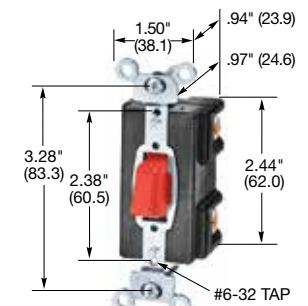
Momentary Type** 20A, 120/277V AC

| Description | Toggle Color | Single Pole | Double Pole | Three Way | Four Way |
|---|--------------|-------------------|-------------|-----------|----------|
| Circuit normally closed, side wired only. | Brown | HBL1281MC* | — | — | — |
| Circuit normally open, side wired only. | Brown | HBL1281MO* | — | — | — |

Illuminated and Pilot Light PresSwitch®, 120V AC Lighted Actuator, Light ON with Load OFF**



| Description | Toggle Color | Single Pole | Double Pole | Three Way | Four Way |
|----------------------|--------------|-----------------|-------------|------------------|------------------|
| 15A, nylon actuator. | Ivory | — | — | — | HBL1259I* |
| 20A, nylon actuator. | Ivory | HBL1287I | — | HBL1288I* | — |



HBL1287

Pilot Light Actuator, Light ON with Load ON, 20A, 120V AC



| Description | Toggle Color | Single Pole | Double Pole | Three Way | Four Way |
|-----------------|--------------|----------------|-------------|-----------------|----------|
| Nylon actuator. | Red | HBL1297 | — | HBL1298* | — |

Note: Keys are supplied with each locking switch. For extra keys order HBL1209.

*Not UL Listed, CSA Certified.

**Not HP rated.

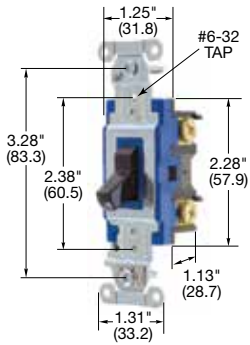
See page D-15 for accessories and page D-16 for wallplates.

See page D-22 for technical information.

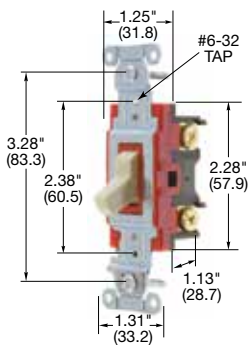
HP Conversion Chart

| | 120V | 208V | 240V | 277V AC |
|-----|------|-------|------|---------|
| 15A | .5HP | 1.5HP | 2HP | 2HP |
| 20A | 1HP | 2HP | 2HP | 2HP |
| 30A | 2HP | 2HP | 2HP | 2HP |

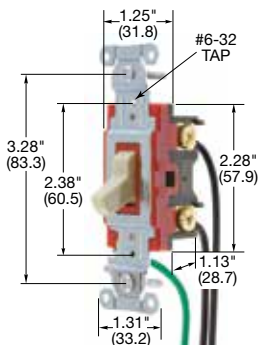
Dimensions in Inches (mm)



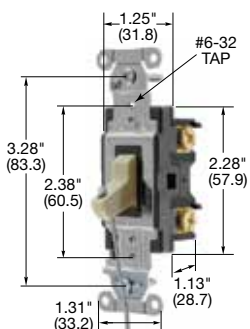
1201BK



1221I



1221PWI



HBL1221IHCS

Dimensions in Inches (mm)

Hubbell-PRO Heavy Duty Industrial Series, 15A, 120/277V AC

| Description | Toggle Color | Single Pole | Double Pole | Three Way | Four Way |
|------------------------------|--------------|---------------|-------------|---------------|----------|
| Toggle, back and side wired. | Black | 1201BK | — | 1203BK | — |
| | Brown | 1201B | — | 1203B | — |
| | Gray | 1201GY | — | 1203GY | — |
| | Ivory | 1201I | — | 1203I | — |
| | Light Almond | 1201LA | — | 1203LA | — |
| | White | 1201W | — | 1203W | — |

20A, 120/277V AC

| Description | Toggle Color | Single Pole | Double Pole | Three Way | Four Way |
|------------------------------|--------------|---------------|---------------|---------------|---------------|
| Toggle, back and side wired. | Black | 1221BK | 1222BK | 1223BK | 1224BK |
| | Brown | 1221B | 1222B | 1223B | 1224B |
| | Gray | 1221GY | 1222GY | 1223GY | 1224GY |
| | Ivory | 1221I | 1222I | 1223I | 1224I |
| | Light Almond | 1221LA | 1222LA | 1223LA | 1224LA |
| | Red | 1221R | 1222R | 1223R | 1224R |
| | White | 1221W | 1222W | 1223W | 1224W |

Hubbell-PRO Pre-Wired/Leaded Heavy Duty Industrial Series, 20A, 120/277V AC - 8 Inch #12 AWG THHN

| Description | Toggle Color | Single Pole | Double Pole | Three Way | Four Way |
|--------------------------|--------------|-----------------|-----------------|-----------------|-----------------|
| Toggle, Pre-wired leads. | Black | 1221PWBK | 1222PWBK | 1223PWBK | 1224PWBK |
| | Brown | 1221PWB | 1222PWB | 1223PWB | 1224PWB |
| | Gray | 1221PWGY | 1222PWGY | 1223PWGY | 1224PWGY |
| | Ivory | 1221PWI | 1222PWI | 1223PWI | 1224PWI |
| | Light Almond | 1221PWLA | 1222PWLA | 1223PWLA | 1224PWLA |
| | Red | 1221PWR | 1222PWR | 1223PWR | 1224PWR |
| | White | 1221PWW | 1222PWW | 1223PWW | 1224PWW |

Hubbell-PRO Hospital Call Switch with Lanyard, 20A, 120/277V AC

| Description | Toggle Color | Single Pole | Double Pole | Three Way | Four Way |
|------------------------------|--------------|--------------------|-------------|-----------|----------|
| Toggle, back and side wired. | Gray | HBL1221GHCS | — | — | — |
| | Ivory | HBL1221IHCS | — | — | — |
| | White | HBL1221WHCS | — | — | — |

Note: See page D-15 for accessories and page D-16 for wallplates.
See page D-22 for technical information.

HP Conversion Chart

| | 120V | 208V | 240V | 277V AC |
|-----|------|-------|------|---------|
| 15A | .5HP | 1.5HP | 2HP | 2HP |
| 20A | 1HP | 2HP | 2HP | 2HP |

Switches

Features and Benefits

SNAPConnect® Heavy Duty Toggle and Decorator Series

SNAPConnect® Devices offer superior installation efficiency for new construction and renovations, while delivering safe, reliable connections. Instead of conventional wiring methods, SNAPConnect's modular connector is installed during rough-in in lieu of pigtails. Once the walls are up, the protective covering is removed and the terminal is simply snapped into the SNAPConnect device for a consistent connection every time. Once installed, SNAPConnect's modular design enables simple device change-out by maintenance personnel.

- SNAPConnect® Eliminates Exposed Live Terminals on the Device
- Complete Trim-Out in Less Than One Minute
- Abuse Resistant Nylon Toggle for Heavy Use Applications
- Stainless Steel Autoground
- Large Silver Alloy Contacts Reduce Contact Erosion Providing Long Life
- Many of these Products are Assembled in USA, Please Contact Hubbell with any Certification Requirements



Housing Design

- Thermoplastic top and base material
- Steel, zinc plated bridge is corrosion resistant
- Thread cleaning captive mounting screw



Assembly

- SNAPConnect® eliminates exposed live terminals on the device
- Termination method uses a SNAP-In Connector. Wiring the connector into the wall box can be done prior to trim out; changing or replacing switches is also a "SNAP"



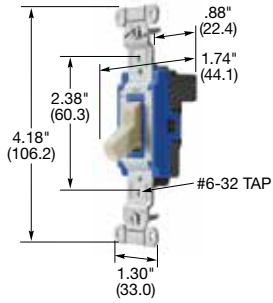
LED Technology

- Pilot and Illuminated versions use LEDs for longer life

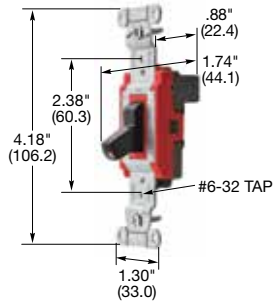


Pigtailed Connectors

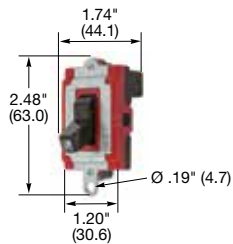
- Clear right angle terminal, 6 inch leads, solid or stranded wire
 - 3 wire connector for single pole and single pole illuminated
 - 4 wire connector for single pole pilot light switch
 - 4 wire connector for three way and three way illuminated



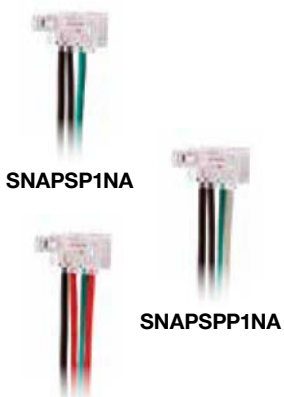
SNAP1201INA



SNAP1221BKNA



SNAPSWJUMP



SNAP3W1NA

SNAPSP1NA

HP Conversion Chart

| | 120V | 208V | 240V | 277V AC |
|-----|------|-------|------|---------|
| 15A | .5HP | 1.5HP | 2HP | 2HP |
| 20A | 1HP | 2HP | 2HP | 2HP |

Dimensions in Inches (mm)

SNAPConnect® Specification Grade Toggle Series, 15A, 120/277V AC

| Description | Toggle Color | Single Pole | Double Pole | Three Way | Four Way |
|----------------------|--------------|---------------------|-------------|---------------------|----------|
| SNAPConnect® Toggle. | Black | SNAP1201BKNA | — | SNAP1203BKNA | — |
| | Brown | SNAP1201BRNA | — | SNAP1203BRNA | — |
| | Gray | SNAP1201GYNA | — | SNAP1203GYNA | — |
| | Ivory | SNAP1201INA | — | SNAP1203INA | — |
| | Lt. Almond | SNAP1201LANA | — | SNAP1203LANA | — |
| | Red | SNAP1201RNA | — | SNAP1203RNA | — |
| | White | SNAP1201WNA | — | SNAP1203WNA | — |

20A, 120/277V AC

| Description | Toggle Color | Single Pole | Double Pole | Three Way | Four Way |
|----------------------|--------------|---------------------|-------------|---------------------|----------|
| SNAPConnect® Toggle. | Black | SNAP1221BKNA | — | SNAP1223BKNA | — |
| | Brown | SNAP1221BRNA | — | SNAP1223BRNA | — |
| | Gray | SNAP1221GYNA | — | SNAP1223GYNA | — |
| | Ivory | SNAP1221INA | — | SNAP1223INA | — |
| | Lt. Almond | SNAP1221LANA | — | SNAP1223LANA | — |
| | Red | SNAP1221RNA | — | SNAP1223RNA | — |
| | White | SNAP1221WNA | — | SNAP1223WNA | — |

Illuminated, Light ON with Load OFF, 15A, 120/277V AC

| Description | Toggle Color | Single Pole | Double Pole | Three Way | Four Way |
|--|--------------|-----------------------|-------------|-----------------------|----------|
| Illuminated, Light ON with Load OFF, Toggle, Blue LED. | Black | SNAP1201ILBKNA | — | SNAP1203ILBKNA | — |
| | Ivory | SNAP1201ILINA | — | SNAP1203ILINA | — |
| | Red | SNAP1201ILRNA | — | SNAP1203ILRNA | — |
| | White | SNAP1201ILWNA | — | SNAP1203ILWNA | — |

20A, 120/277V AC

| Description | Toggle Color | Single Pole | Double Pole | Three Way | Four Way |
|--|--------------|-----------------------|-------------|-----------------------|----------|
| Illuminated, Light ON with Load OFF, Toggle, Blue LED. | Black | SNAP1221ILBKNA | — | SNAP1223ILBKNA | — |
| | Ivory | SNAP1221ILINA | — | SNAP1223ILINA | — |
| | Red | SNAP1221ILRNA | — | SNAP1223ILRNA | — |
| | White | SNAP1221ILWNA | — | SNAP1223ILWNA | — |

Pilot, Light ON with Load ON, 15A, 120/277V AC

| Description | Toggle Color | Single Pole | Double Pole | Three Way | Four Way |
|--|--------------|-----------------------|-------------|-----------|----------|
| Pilot, Light ON with Load ON, Toggle, Red LED. | Black | SNAP1201PLBKNA | — | — | — |
| | Ivory | SNAP1201PLINA | — | — | — |
| | Red | SNAP1201PLRNA | — | — | — |
| | White | SNAP1201PLWNA | — | — | — |

20A, 120/277V AC

| Description | Toggle Color | Single Pole | Double Pole | Three Way | Four Way |
|--|--------------|-----------------------|-------------|-----------|----------|
| Pilot, Light ON with Load ON, Toggle, Red LED. | Black | SNAP1221PLBKNA | — | — | — |
| | Ivory | SNAP1221PLINA | — | — | — |
| | Red | SNAP1221PLRNA | — | — | — |
| | White | SNAP1221PLWNA | — | — | — |

Jumper/Tester

| Description | Catalog Number |
|---|-------------------|
| Jumper/Tester for Single Pole Circuits, Black Toggle, Blue LED Indicator. | SNAPSWJUMP |
| Jumper/Tester for Three Way Circuits, Black Toggle, Blue LED Indicator. | SNAP3WJUMP |

SNAPConnect® Switch Pigtailed Connector

| Description | 3 Wire Connector for Single Pole and Single Pole Illuminated | 4 Wire Connector for Single Pole with Pilot Light | 4 Wire Connector for 3 Way and 3 Way Illuminated |
|--|--|---|--|
| Clear right angle terminal, 6 inch leads, solid wire. | SNAPSP1NA | SNAPSP1NA | SNAP3W1NA |
| Clear right angle terminal, 6 inch leads, stranded wire. | SNAPSP2NA | SNAPSP2NA | SNAP3W2NA |

Note: See page D-15 for accessories and page D-16 for wallplates. See page D-22 for technical information.

Many of these products are Assembled in USA, as indicated, and many are Buy American Compliant. Please contact Hubbell with any certification requirements.

SNAPConnect® Specification Grade Style Line® Decorator Series, 15A, 120/277V AC

| Description | Toggle Color | Single Pole | Double Pole | Three Way | Four Way |
|-------------------------|--------------|---------------------|-------------|---------------------|----------|
| SNAPConnect® Rocker. | Black | SNAP2101BKNA | — | SNAP2103BKNA | — |
| | Brown | SNAP2101BRNA | — | SNAP2103BRNA | — |
| | Gray | SNAP2101GYNA | — | SNAP2103GYNA | — |
| | Ivory | SNAP2101INA | — | SNAP2103INA | — |
| | Lt. Almond | SNAP2101LANA | — | SNAP2103LANA | — |
| | Red | SNAP2101RNA | — | SNAP2103RNA | — |
| | White | SNAP2101WNA | — | SNAP2103WNA | — |

20A, 120/277V AC

| Description | Toggle Color | Single Pole | Double Pole | Three Way | Four Way |
|-------------------------|--------------|---------------------|-------------|---------------------|----------|
| SNAPConnect® Rocker. | Black | SNAP2121BKNA | — | SNAP2123BKNA | — |
| | Brown | SNAP2121BRNA | — | SNAP2123BRNA | — |
| | Gray | SNAP2121GYNA | — | SNAP2123GYNA | — |
| | Ivory | SNAP2121INA | — | SNAP2123INA | — |
| | Lt. Almond | SNAP2121LANA | — | SNAP2123LANA | — |
| | Red | SNAP2121RNA | — | SNAP2123RNA | — |
| | White | SNAP2121WNA | — | SNAP2123WNA | — |

Illuminated, Light ON with Load OFF, 15A, 120/277V AC

| Description | Toggle Color | Single Pole | Double Pole | Three Way | Four Way |
|--|--------------|-----------------------|-------------|-----------------------|----------|
| Illuminated, Light ON with Load OFF, Rocker, Blue LED. | Black | SNAP2101ILBKNA | — | SNAP2103ILBKNA | — |
| | Ivory | SNAP2101ILINA | — | SNAP2103ILINA | — |
| | Red | SNAP2101ILRNA | — | SNAP2103ILRNA | — |
| | White | SNAP2101ILWNA | — | SNAP2103ILWNA | — |

20A, 120/277V AC

| Description | Toggle Color | Single Pole | Double Pole | Three Way | Four Way |
|--|--------------|-----------------------|-------------|-----------------------|----------|
| Illuminated, Light ON with Load OFF, Rocker, Blue LED. | Black | SNAP2121ILBKNA | — | SNAP2123ILBKNA | — |
| | Ivory | SNAP2121ILINA | — | SNAP2123ILINA | — |
| | Red | SNAP2121ILRNA | — | SNAP2123ILRNA | — |
| | White | SNAP2121ILWNA | — | SNAP2123ILWNA | — |

Pilot, Light ON with Load ON, 15A, 120/277V AC

| Description | Toggle Color | Single Pole | Double Pole | Three Way | Four Way |
|--|--------------|-----------------------|-------------|-----------|----------|
| Pilot, Light ON with Load ON, Rocker, Red LED. | Black | SNAP2101PLBKNA | — | — | — |
| | Ivory | SNAP2101PLINA | — | — | — |
| | Red | SNAP2101PLRNA | — | — | — |
| | White | SNAP2101PLWNA | — | — | — |

20A, 120/277V AC

| Description | Toggle Color | Single Pole | Double Pole | Three Way | Four Way |
|--|--------------|-----------------------|-------------|-----------|----------|
| Pilot, Light ON with Load ON, Rocker, Red LED. | Black | SNAP2121PLBKNA | — | — | — |
| | Ivory | SNAP2121PLINA | — | — | — |
| | Red | SNAP2121PLRNA | — | — | — |
| | White | SNAP2121PLWNA | — | — | — |

Jumper/Tester

| Description | Catalog Number |
|---|-------------------|
| Jumper/Tester for Single Pole Circuits, Black Toggle, Blue LED Indicator. | SNAPSWJUMP |
| Jumper/Tester for Three Way Circuits, Black Toggle, Blue LED Indicator. | SNAP3WJUMP |

SNAPConnect® Switch Pigtailed Connector

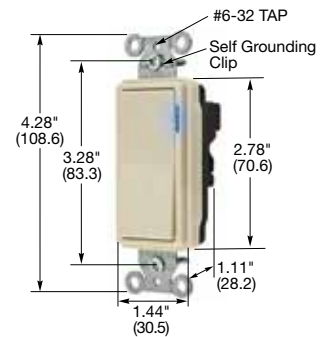
| Description | 3 Wire Connector for Single Pole and Single Pole Illuminated | 4 Wire Connector for Single Pole with Pilot Light | 4 Wire Connector for 3 Way and 3 Way Illuminated |
|--|--|---|--|
| Clear right angle terminal, 6 inch leads, solid wire. | SNAPSP1NA | SNAPSP1NA | SNAP3W1NA |
| Clear right angle terminal, 6 inch leads, stranded wire. | SNAPSP2NA | SNAPSP2NA | SNAP3W2NA |

Note: See page D-15 for accessories and page D-16 for wallplates.
See page D-22 for technical information.

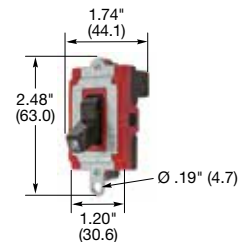
Many of these products are Assembled in USA, as indicated, and many are Buy American Compliant. Please contact Hubbell with any certification requirements.



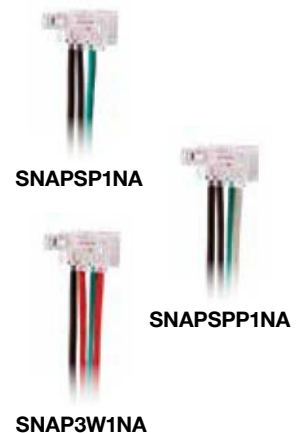
SNAP2101INA



SNAP2121ILINA



SNAPSWJUMP



| HP Conversion Chart | | | | |
|---------------------|------|-------|------|---------|
| | 120V | 208V | 240V | 277V AC |
| 15A | .5HP | 1.5HP | 2HP | 2HP |
| 20A | 1HP | 2HP | 2HP | 2HP |

Dimensions in Inches (mm)

Switches

Features and Benefits

Specification Grade Commercial Series

Toggle, rocker and specialty switches - Hubbell designs and manufactures these switches in a wide variety of styles and colors.

- 15 and 20 Amp 120/277V AC
- Single Pole, Double Pole, 3-Way and 4-Way
- Illuminated and Pilot with LED
- Night Light
- Style Line® Decorator
- Low voltage DC offering



Housing Design

- Engineered thermoplastic housing is impact-resistant for heavy-duty commercial environments
- Stainless steel automatic grounding staple assures grounding continuity between mounting strap and metal wall box



Wiring Design

- Back wire entrance points for terminations accept two wires for feed through capability avoiding pigtail
- Large brass binding head screws with deep slots secure wire connections
- Strip gauge for accurate wiring



Bridge Design

- One-piece bridge with integral grounding terminal with #8 brass screw allows compliance to NEC®
- Steel zinc plated mounting strap provides protection against corrosion
- Thread cleaning captive mounting screw



Toggle

- Heavy duty nylon toggle resists abuse and chemical attack making it suitable for use in the toughest environments
- Elastomer rocker assures quiet operation and precise timing
- Permanently lubricated assembly provides long life and trouble free operation



Identification

- Prominent amperage marking on mounting strap allows easy identification of rating



Contacts

- Copper alloy spring contact arm and terminal plate assures proper contact alignment reducing heat rise
- Silver alloy contacts reduce contact erosion and prevent welding, providing long life

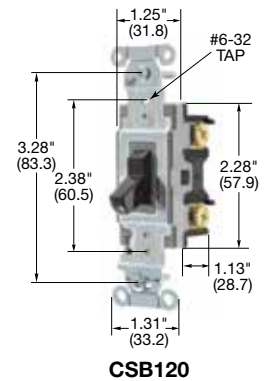
NEC® is a registered trademark of the National Fire Protection Association (NFPA).

Toggle Specification Grade Commercial Series, 15A, 120/277V AC

| Description | Toggle Color | Single Pole | Double Pole | Three Way | Four Way |
|------------------------------|--------------|-----------------|-----------------|-----------------|-----------------|
| Toggle, back and side wired. | Black | CSB115BK | CSB215BK | CSB315BK | CSB415BK |
| | Brown | CSB115 | CSB215 | CSB315 | CSB415 |
| | Gray | CSB115GY | CSB215GY | CSB315GY | CSB415GY |
| | Ivory | CSB115I | CSB215I | CSB315I | CSB415I |
| | Light Almond | CSB115LA | CSB215LA | CSB315LA | CSB415LA |
| | White | CSB115W | CSB215W | CSB315W | CSB415W |

20A, 120/277V AC

| Description | Toggle Color | Single Pole | Double Pole | Three Way | Four Way |
|------------------------------|--------------|-----------------|-----------------|-----------------|-----------------|
| Toggle, back and side wired. | Black | CSB120BK | CSB220BK | CSB320BK | CSB420BK |
| | Brown | CSB120 | CSB220 | CSB320 | CSB420 |
| | Gray | CSB120GY | CSB220GY | CSB320GY | CSB420GY |
| | Ivory | CSB120I | CSB220I | CSB320I | CSB420I |
| | Light Almond | CSB120LA | CSB220LA | CSB320LA | CSB420LA |
| | Red | CSB120R | CSB220R | CSB320R | CSB420R |
| | White | CSB120W | CSB220W | CSB320W | CSB420W |

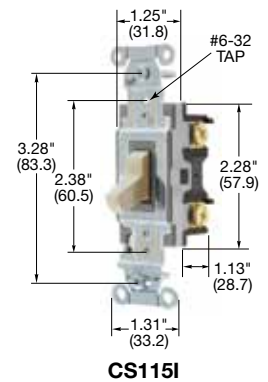


Toggle Specification Grade Commercial Series, 15A, 120/277V AC

| Description | Toggle Color | Single Pole | Double Pole | Three Way | Four Way |
|--------------------------|--------------|----------------|-------------|----------------|----------|
| Toggle, side wired only. | Black | CS115BK | — | CS315BK | — |
| | Brown | CS115 | — | CS315 | — |
| | Gray | CS115GY | — | CS315GY | — |
| | Ivory | CS115I | — | CS315I | — |
| | Light Almond | CS115LA | — | CS315LA | — |
| | White | CS115W | — | CS315W | — |

20A, 120/277V AC

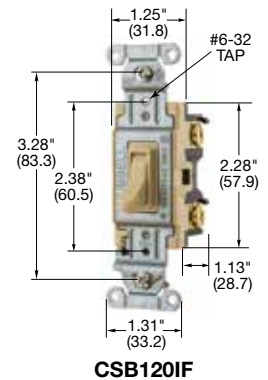
| Description | Toggle Color | Single Pole | Double Pole | Three Way | Four Way |
|--------------------------|--------------|----------------|-------------|----------------|----------|
| Toggle, side wired only. | Black | CS120BK | — | CS320BK | — |
| | Brown | CS120 | — | CS320 | — |
| | Gray | CS120GY | — | CS320GY | — |
| | Ivory | CS120I | — | CS320I | — |
| | Light Almond | CS120LA | — | CS320LA | — |
| | White | CS120W | — | CS320W | — |



Framed Toggle Specification Grade Commercial Series, 20A, 120V AC

| Description | Toggle Color | Single Pole | Double Pole | Three Way | Four Way |
|------------------------------------|--------------|------------------|-------------|------------------|----------|
| Nylon toggle, back and side wired. | Ivory | CSB120IF | — | CSB320IF | — |
| | Light Almond | CSB120LAF | — | CSB320LAF | — |
| | White | CSB120WF | — | CSB320WF | — |

Note: See page D-13 for pre-wired/leaded devices.
 See page D-15 for accessories and page D-16 for wallplates.
 See page D-22 for technical information.



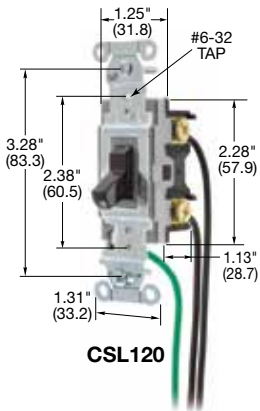
HP Conversion Chart

| | 120V | 208V | 240V | 277V AC |
|-----|------|-------|------|---------|
| 15A | .5HP | 1.5HP | 2HP | 2HP |
| 20A | 1HP | 2HP | 2HP | 2HP |

Dimensions in Inches (mm)



Pre-Wired/Leaded Toggle Spec. Grade Commercial Series, 15A, 120/277V AC - 8" #12 AWG THHN

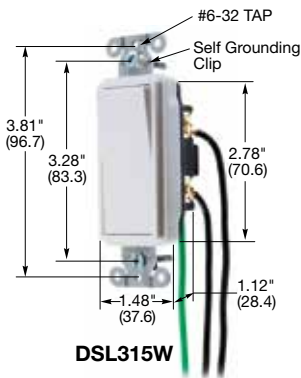


| Description | Toggle Color | Single Pole | Double Pole | Three Way | Four Way |
|------------------------------------|--------------|-----------------|-----------------|-----------------|-----------------|
| Toggle, Nylon, Pre-wired leads. | Black | CSL115BK | CSL215BK | CSL315BK | CSL415BK |
| | Brown | CSL115 | CSL215 | CSL315 | CSL415 |
| | Gray | CSL115GY | CSL215GY | CSL315GY | CSL415GY |
| | Ivory | CSL115I | CSL215I | CSL315I | CSL415I |
| | Light Almond | CSL115LA | CSL215LA | CSL315LA | CSL415LA |
| | White | CSL115W | CSL215W | CSL315W | CSL415W |

20A, 120/277V AC

| Description | Toggle Color | Single Pole | Double Pole | Three Way | Four Way |
|------------------------------------|--------------|-----------------|-----------------|-----------------|-----------------|
| Toggle, Nylon, Pre-wired leads. | Black | CSL120BK | CSL220BK | CSL320BK | CSL420BK |
| | Brown | CSL120 | CSL220 | CSL320 | CSL420 |
| | Gray | CSL120GY | CSL220GY | CSL320GY | CSL420GY |
| | Ivory | CSL120I | CSL220I | CSL320I | CSL420I |
| | Light Almond | CSL120LA | CSL220LA | CSL320LA | CSL420LA |
| | Red | CSL120R | CSL220R | CSL320R | CSL420R |
| | White | CSL120W | CSL220W | CSL320W | CSL420W |

Pre-Wired/Leaded Decorator Spec. Grade Commercial Series, 15A, 120/277V AC - 8" #12 AWG THHN



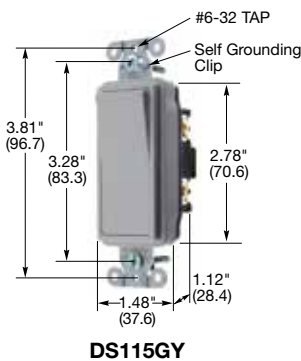
| Description | Rocker Color | Single Pole | Double Pole | Three Way | Four Way |
|---|--------------|-----------------|-------------|-----------------|----------|
| Rocker, Polycarbonate, Pre-wired leads. | Black | DSL115BK | — | DSL315BK | — |
| | Brown | DSL115 | — | DSL315 | — |
| | Gray | DSL115GY | — | DSL315GY | — |
| | Ivory | DSL115I | — | DSL315I | — |
| | Light Almond | DSL115LA | — | DSL315LA | — |
| | White | DSL115W | — | DSL315W | — |

20A, 120/277V AC

| Description | Rocker Color | Single Pole | Double Pole | Three Way | Four Way |
|---|--------------|-----------------|-----------------|-----------------|-----------------|
| Rocker, Polycarbonate, Pre-wired leads. | Black | DSL120BK | DSL220BK | DSL320BK | DSL420BK |
| | Brown | DSL120 | DSL220 | DSL320 | DSL420 |
| | Gray | DSL120GY | DSL220GY | DSL320GY | DSL420GY |
| | Ivory | DSL120I | DSL220I | DSL320I | DSL420I |
| | Light Almond | DSL120LA | DSL220LA | DSL320LA | DSL420LA |
| | White | DSL120W | DSL220W | DSL320W | DSL420W |

Note: See page D-15 for accessories and page D-16 for wallplates.
See page D-22 for technical information.

Style Line® Decorator Specification Grade Commercial Series, 15A, 120/277V AC



| Description | Rocker Color | Single Pole | Double Pole | Three Way | Four Way |
|------------------------------------|--------------|----------------|-------------|----------------|----------|
| Rocker, back and side wired. | Black | DS115BK | — | DS315BK | — |
| | Brown | DS115 | — | DS315 | — |
| | Gray | DS115GY | — | DS315GY | — |
| | Ivory | DS115I | — | DS315I | — |
| | Light Almond | DS115LA | — | DS315LA | — |
| | Office White | DS115OW | — | DS315OW | — |
| | White | DS115W | — | DS315W | — |

20A, 120/277V AC

| Description | Rocker Color | Single Pole | Double Pole | Three Way | Four Way |
|------------------------------------|--------------|----------------|----------------|----------------|----------------|
| Rocker, back and side wired. | Black | DS120BK | DS220BK | DS320BK | DS420BK |
| | Brown | DS120 | DS220B | DS320 | DS420 |
| | Gray | DS120GY | DS220GY | DS320GY | DS420GY |
| | Ivory | DS120I | DS220I | DS320I | DS420I |
| | Light Almond | DS120LA | DS220LA | DS320LA | DS420LA |
| | Office White | DS120OW | DS220OW | DS320OW | DS420OW |
| | Red | DS120R | DS220R | DS320R | DS420R |
| | White | DS120W | DS220W | DS320W | DS420W |

HP Conversion Chart

| | 120V | 208V | 240V | 277V AC |
|------------|------|-------|------|---------|
| 15A | .5HP | 1.5HP | 2HP | 2HP |
| 20A | 1HP | 2HP | 2HP | 2HP |

Dimensions in Inches (mm)

Features and Benefits

Rocker Weatherproof Series

Hubbell designs and manufactures these weatherproof switches for wet and damp applications.

- 20 Amp 120/277V AC
- Single Pole / 3-Way
- TYPE 1, 3R, 3RX, 12

Style Line® Decorator Weatherproof Series, 20A, 120/277V AC

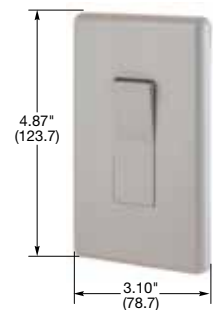


| Description | Color | Single Pole/ Three Way |
|--|--------------|------------------------|
| Rocker, Weatherproof, self-grounding, back and side wired. | Gray | RSD120WPGY |
| | Light Almond | RSD120WPLA |
| | White | RSD120WPW |



Style Line® Decorator Specification Grade Commercial Series, Illuminated, Light ON with Load OFF 20A, 120/277V AC

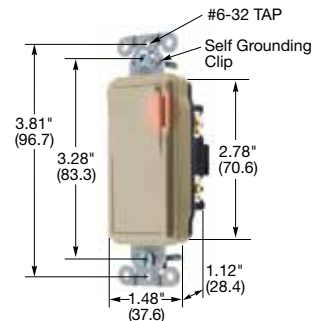
| Description | Rocker Color | Single Pole | Double Pole | Three Way | Four Way |
|---|--------------|------------------|-------------|------------------|----------|
| Rocker, with Blue LED, back and side wired. | Black | DS120ILBK | — | DS320ILBK | — |
| | Ivory | DS120IL | — | DS320IL | — |
| | Light Almond | DS120ILLA | — | — | — |
| | Red | DS120ILR | — | — | — |
| | White | DS120ILW | — | DS320ILW | — |



RSD120WPGY

Style Line® Decorator Specification Grade Commercial Series, Pilot, Light ON with Load ON 20A, 120/277V AC

| Description | Rocker Color | Single Pole | Double Pole | Three Way | Four Way |
|--|--------------|------------------|-------------|-----------|----------|
| Rocker, with Red LED, back and side wired. | Black | DS120PLBK | — | — | — |
| | Ivory | DS120PLI | — | — | — |
| | White | DS120PLW | — | — | — |

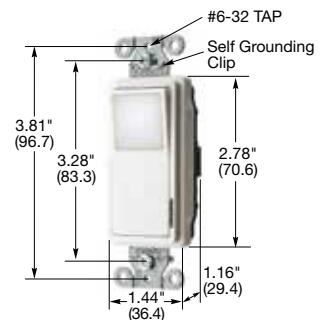


DS120PLI

Note: See page D-13 for pre-wired/leaded devices.
See page D-15 for accessories and page D-16 for wallplates.
See page D-22 for technical information.

Style Line® Decorator Spec. Grade Commercial Series with Nightlight, 20A, 120V AC

| Description | Rocker Color | Single Pole | Double Pole | Three Way | Four Way |
|---|--------------|------------------|-------------|-----------|----------|
| Rocker, with Nightlight, self-grounding, push, back and side wired. | Black | DS120NLBK | — | — | — |
| | Brown | DS120NLBR | — | — | — |
| | Gray | DS120NLGY | — | — | — |
| | Ivory | DS120NLIV | — | — | — |
| | Light Almond | DS120NLLA | — | — | — |
| | White | DS120NLWH | — | — | — |



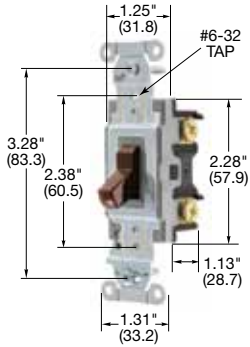
DS120NLWH

Note: Light glows through the top portion of the rocker when switch is in the OFF position. Does not require a neutral wire.

HP Conversion Chart

| | 120V | 208V | 240V | 277V AC |
|-----|------|-------|------|---------|
| 15A | .5HP | 1.5HP | 2HP | 2HP |
| 20A | 1HP | 2HP | 2HP | 2HP |

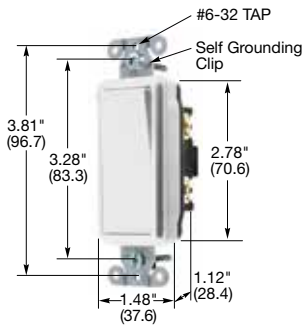
Dimensions in Inches (mm)



CSB120BRLV

Maintained Contact Toggle, Specification Grade, 5A, 24V DC

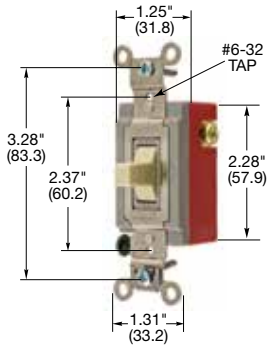
| Description | Toggle Color | Single Pole | Double Pole | Three Way | Four Way |
|------------------------------------|--------------|-------------------|-------------|-------------------|----------|
| Nylon toggle, back and side wired. | Black | CSB120BKLV | — | CSB320BKLV | — |
| | Brown | CSB120BRLV | — | CSB320BRLV | — |
| | Gray | CSB120GYLV | — | CSB320GYLV | — |
| | Ivory | CSB120ILV | — | CSB320ILV | — |
| | Light Almond | CSB120LALV | — | CSB320LALV | — |
| | Red | CSB120RLV | — | CSB320RLV | — |
| | White | CSB120WHLV | — | CSB320WHLV | — |



DS120WLV

Maintained Contact Decorator, Specification Grade, 5A, 24V DC

| Description | Toggle Color | Single Pole | Double Pole | Three Way | Four Way |
|---------------------------------------|--------------|------------------|-------------|------------------|----------|
| Nylon decorator, back and side wired. | Black | DS120BKLV | — | DS320BKLV | — |
| | Brown | DS120LV | — | DS320LV | — |
| | Gray | DS120GYLV | — | DS320GYLV | — |
| | Ivory | DS120ILV | — | DS320ILV | — |
| | Light Almond | DS120LALV | — | DS320LALV | — |
| | Red | DS120RLV | — | DS320RLV | — |
| | White | DS120WLV | — | DS320WLV | — |



HBL1557ILV

Momentary Contact, Specification Grade, Single Pole, Double Throw, Center OFF 5A, 24V DC

| Description | Toggle Color | Single Pole | Double Pole | Three Way | Four Way |
|------------------------------------|--------------|--------------------|-------------|-----------|----------|
| Nylon toggle, back and side wired. | Brown | HBL1557LV | — | — | — |
| | Gray | HBL1557GYLV | — | — | — |
| | Ivory | HBL1557ILV | — | — | — |
| | Red | HBL1557RLV | — | — | — |
| | White | HBL1557WLV | — | — | — |

Note: See page D-13 for pre-wired/leaded devices.
See page D-15 for accessories and page D-16 for wallplates.
See page D-22 for technical information.

HP Conversion Chart

| | 120V | 208V | 240V | 277V AC |
|-----|------|-------|------|---------|
| 15A | .5HP | 1.5HP | 2HP | 2HP |
| 20A | 1HP | 2HP | 2HP | 2HP |

Dimensions in Inches (mm)

Switches

Accessories

Pilot Light, 120/277V AC

IP44
SUITABILITY



| Description | Catalog Number |
|--|------------------|
| Red neon pilot light, back and side wired, fits standard switch plate. | HBL1220RJ |



HBL1220RJ

Brass Locking Attachment for Switches Available in Master Keying and Straight Keying Systems

| Description | Catalog Number |
|---|---------------------|
| Straight keying (all locks alike). Appropriate for most applications. Straight cylinder type lock, each HBL96061 ordered operates on the same key. All locks are keyed alike. | HBL96061* |
| Same as above except in dull chrome finish to match stainless steel plates. | HBL96061DCH* |
| Straight keying (individual). Straight cylinder type lock, each HBL96062 ordered operates on a different key. All locks are keyed differently and individually. This type cannot be master keyed. | HBL96062* |



HBL96061
shown with wallplate and switch (sold separately)

SWITCHOUT® Lockout Device

| Description | Catalog Number |
|---|-----------------|
| Yellow, nylon toggle switch lockout device (Two devices per package). | HSLDPK2* |



HSLDPK2

Weatherproof Plates



| Description | Catalog Number |
|--|----------------|
| Clear bubble plate, silicone rubber for use with all general purpose AC toggle and PresSwitch® switches. Fits both FS/FD and standard boxes. | HBL1795 |
| Cast aluminum lift cover plate with fiber shield. For standard toggle and PresSwitch®. Fits only FS/FD boxes. | HBL7420 |

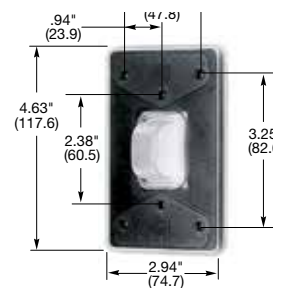
Weatherproof Plates for PresSwitch®



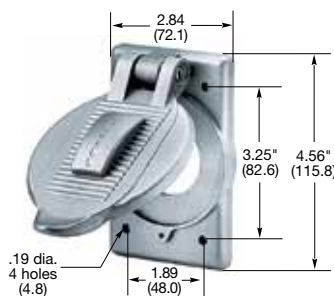
| Description | Catalog Number |
|---|------------------|
| Gray neoprene PresSwitch® plate. Fits FS/FD and standard boxes. | HBL1750 |
| Same as above except yellow. | HBL17CM50 |
| Gray neoprene PresSwitch® plate with 125V red pilot light. Fits only FS/FD boxes. | HBL1785 |
| Same as above except yellow. | HBL17CM85 |

Note: *Not UL Listed or CSA Certified.

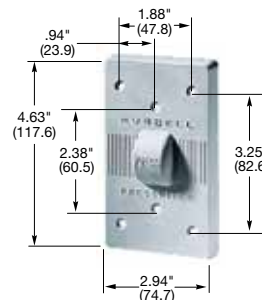
Each locking wallplate is supplied with two keys.
See section BB for additional information on safety lockout devices.
See section O for additional wallplates.



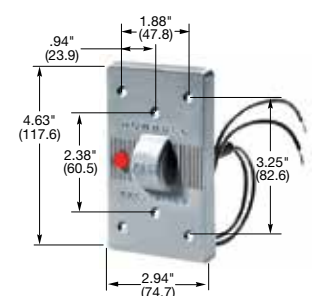
HBL1795



HBL7420



HBL1750



HBL1785

Dimensions in Inches (mm)

Accessories



Toggle Switch Plates

| Description | Color | 1-Gang | | 2-Gang | |
|--|--------------|--------------|---------------|--------------|---------------|
| | | Standard | Snap-On | Standard | Snap-On |
| Nylon toggle, standard size, smooth nylon. | Gray | NP1GY | — | NP2GY | — |
| | Ivory | NP1I | NPS1I | NP2I | NPS2I |
| | Light Almond | NP1LA | NPS1LA | NP2LA | NPS2LA |
| | White | NP1W | NPS1W | NP2W | NPS2W |



Toggle Switch Plates

| Description | Color | 1-Gang | 2-Gang | 3-Gang |
|-------------|-------|--|---|---|
| | | Nylon toggle, standard size, smooth metal. | Aluminum Brass Stainless Steel, 302/304 Stainless Steel, 430 | SA1 SB1 SS1 SS1L |



Style Line® Decorator Switch Plates

| Description | Color | 1-Gang | | 2-Gang | |
|---|--------------|---------------|----------------|----------------|-----------------|
| | | Standard | Snap-On | Standard | Snap-On |
| Nylon decorator, standard size, smooth metal. | Gray | NP26GY | — | NP262GY | — |
| | Ivory | NP26I | NPS26I | NP262I | NPS262I |
| | Light Almond | NP26LA | NPS26LA | NP262LA | NPS262LA |
| | White | NP26W | NPS26W | NP262W | NPS262W |



Style Line® Decorator Switch Plates

| Description | Color | 1-Gang | 2-Gang | 3-Gang |
|-------------|-------|---|---|---|
| | | Nylon decorator, standard size, smooth metal. | Aluminum Brass Stainless Steel, 302/304 Stainless Steel, 430 | ⓪ SB26 SS26 SS26L |

Note: See section O for additional wallplates.

*Brass plated.

⓪Available as a custom metal wallplate. See wallplate section for additional information.

Switches

Certification Chart

UL, CSA, and Fed. Spec. Listing Data

| Catalog Number | WS896 Listed | UL Listed UL20 | CSA Certified | Catalog Number | WS896 Listed | UL Listed UL20 | CSA Certified |
|----------------|--------------|----------------|---------------|----------------|--------------|----------------|---------------|
| 1201 | Yes | Yes | Yes | HBL1224 | Yes | Yes | Yes |
| 1203 | Yes | Yes | Yes | HBL1221L | Yes | Yes | Yes |
| 1221 | Yes | Yes | Yes | HBL1222L | Yes | Yes | Yes |
| 1222 | Yes | Yes | Yes | HBL1223L | Yes | Yes | Yes |
| 1223 | Yes | Yes | Yes | HBL1224L | Yes | Yes | Yes |
| 1224 | Yes | Yes | Yes | HBL1221IL | Yes | Yes | Yes |
| 1221PW | Yes | Yes | Yes | HBL1223IL | Yes | Yes | Yes |
| 1222PW | Yes | Yes | Yes | HBL1221PL | Yes | Yes | Yes |
| 1223PW | Yes | Yes | Yes | HBL1222PL | Yes | Yes | Yes |
| 1224PW | Yes | Yes | Yes | HBL1223PL | Yes | Yes | Yes |
| CS115 | Yes | Yes | Yes | HBL1221RKL | No | Yes | Yes |
| CS315 | Yes | Yes | Yes | HBL1222RKL | No | Yes | Yes |
| CS120 | Yes | Yes | Yes | HBL1223RKL | No | Yes | Yes |
| CS320 | Yes | Yes | Yes | HBL1224RKL | No | Yes | Yes |
| CSB115 | Yes | Yes | Yes | HBL1259I | No | No | No |
| CSB215 | Yes | Yes | Yes | HBL1281 | No | Yes | Yes |
| CSB315 | Yes | Yes | Yes | HBL1282 | No | Yes | Yes |
| CSB415 | Yes | Yes | Yes | HBL1283 | No | No | No |
| CSB120 | Yes | Yes | Yes | HBL1284 | No | No | No |
| CSB220 | Yes | Yes | Yes | HBL1287I | No | Yes | Yes |
| CSB320 | Yes | Yes | Yes | HBL1288I | No | No | No |
| CSB420 | Yes | Yes | Yes | HBL1281MO | No | No | No |
| CSL115 | Yes | Yes | Yes | HBL1281MC | No | No | No |
| CSL215 | Yes | Yes | Yes | HBL1297 | No | Yes | Yes |
| CSL315 | Yes | Yes | Yes | HBL1298 | No | No | No |
| CSL415 | Yes | Yes | Yes | HBL1381 | No | Yes | Yes |
| CSL120 | Yes | Yes | Yes | HBL1382 | No | Yes | Yes |
| CSL220 | Yes | Yes | Yes | HBL1385 | No | Yes | Yes |
| CSL320 | Yes | Yes | Yes | HBL1386 | No | Yes | Yes |
| CSL420 | Yes | Yes | Yes | HBL1386L | No | Yes | Yes |
| DS115 | No | Yes | Yes | HBL1388 | No | Yes | Yes |
| DS315 | No | Yes | Yes | HBL1556 | No | Yes | Yes |
| DS120 | No | Yes | Yes | HBL1557 | No | Yes | Yes |
| DS220 | No | Yes | Yes | HBL1556L | No | Yes | Yes |
| DS320 | No | Yes | Yes | HBL1557L | No | Yes | Yes |
| DS420 | No | Yes | Yes | HBL3031 | Yes | Yes | Yes |
| DS120IL | No | Yes | Yes | HBL3032 | Yes | Yes | Yes |
| DS320IL | No | Yes | Yes | HBL3033 | Yes | Yes | Yes |
| DS120PL | No | Yes | Yes | HBL3031PL | Yes | Yes | Yes |
| DSL115 | No | Yes | Yes | HBL3031PL | Yes | Yes | Yes |
| DSL215 | No | Yes | Yes | HBL3032PL | Yes | Yes | Yes |
| DSL315 | No | Yes | Yes | SNAP1201 | No | Yes | Yes |
| DSL415 | No | Yes | Yes | SNAP1201IL | No | Yes | Yes |
| DSL120 | No | Yes | Yes | SNAP1201PL | No | Yes | Yes |
| DSL220 | No | Yes | Yes | SNAP1203 | No | Yes | Yes |
| DSL320 | No | Yes | Yes | SNAP1203IL | No | Yes | Yes |
| DSL420 | No | Yes | Yes | SNAP1221 | No | Yes | Yes |
| HBL1201 | Yes | Yes | Yes | SNAP1221IL | No | Yes | Yes |
| HBL1202 | Yes | Yes | Yes | SNAP1221PL | No | Yes | Yes |
| HBL1203 | Yes | Yes | Yes | SNAP1223 | No | Yes | Yes |
| HBL1204 | Yes | Yes | Yes | SNAP1223 | No | Yes | Yes |
| HBL1201IL | Yes | Yes | Yes | SNAP1223IL | No | Yes | Yes |
| HBL1203IL | Yes | Yes | Yes | SNAP2101 | No | Yes | Yes |
| HBL1201PL | Yes | Yes | Yes | SNAP2101IL | No | Yes | Yes |
| HBL1203PL | Yes | Yes | Yes | SNAP2101PL | No | Yes | Yes |
| HBL1201L | Yes | Yes | Yes | SNAP2103 | No | Yes | Yes |
| HBL1202L | Yes | Yes | Yes | SNAP2103IL | No | Yes | Yes |
| HBL1203L | Yes | Yes | Yes | SNAP2121 | No | Yes | Yes |
| HBL1204L | Yes | Yes | Yes | SNAP2121IL | No | Yes | Yes |
| HBL1221 | Yes | Yes | Yes | SNAP2121PL | No | Yes | Yes |
| HBL1222 | Yes | Yes | Yes | SNAP2123 | No | Yes | Yes |
| HBL1223 | Yes | Yes | Yes | SNAP2123IL | No | Yes | Yes |

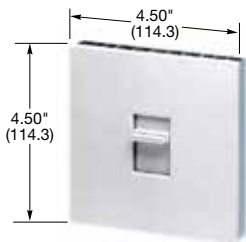
Note: Catalog numbers above represent all colors and variations.

Switches

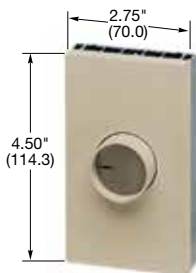
Slide and Rotary Control Dimmers



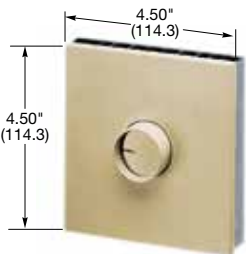
AS103
1000W Dimmer
Fits Single-Gang Wall Boxes



AS203
2000W Dimmer
Fits Single-Gang Wall Boxes



AR101
1000W Dimmer
Fits Single-Gang Wall Boxes



AR201
2000W Dimmer
Fits Single-Gang Wall Boxes

Architectural Grade, Incandescent Preset Slide Control Dimmers

| Description | Color | Rating | Catalog Number |
|---------------------------------|-------|----------------------|----------------|
| Single pole/three way - preset. | White | 1000W, 120V AC, 60Hz | AS103 |
| Single pole/three way - preset. | White | 2000W, 120V AC, 60Hz | AS203 |

Accessories

| Description | Color | Catalog Number |
|---|----------------|----------------------------|
| Small plate kit for 600W and 1000W models. Includes non-metallic trimplate and slide. | Ivory White | AS11 AS1W |
| Large plate kit for 1500W and 2000W models. Includes non-metallic trimplate and slide. | Ivory White | AS21 AS2W |

*Note: The dimmers listed above can be wired for single pole or three way applications.
See page D-19 for ganging and derating.*

Architectural Grade, Incandescent Rotary Control Dimmers

| Description | Color | Rating | Catalog Number |
|-----------------------------|-------|----------------------|----------------|
| Single pole - push ON/OFF. | Beige | 1000W, 120V AC, 60Hz | AR101 |
| Three way - push ON/OFF. | Beige | | AR103 |
| Single pole, rotary ON/OFF. | Beige | 2000W, 120V AC, 60Hz | AR201 |

Accessories

| Description | Color | Catalog Number |
|--|----------------|-----------------------------|
| Small plate kit for 600W and 1000W models. Includes non-metallic trimplate and knob. | Beige White | AR1BE AR1W |
| Large plate kit for 1500W and 2000W models. Includes non-metallic trimplate and knob. | Beige White | AR2BE AR2W |

Note: See page D-19 for ganging and derating.

Switches

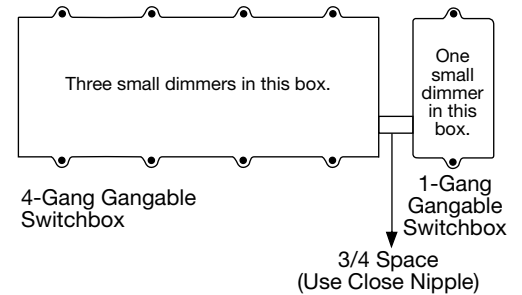
Dimmer Ganging and Derating

Architectural Grade Slide and Rotary Series Number of Switchboxes Required with Dimmer Side Sections Intact

| | | Number of Small Controls (600W and 1000W) | | | | | | |
|--|---|---|----|-----|----|-----|----|-----|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| Number of Large Controls (1500W and 2000W) | 0 | 0 | 1 | 1+1 | 4 | 1+4 | 7 | 1+7 |
| | 1 | 1 | 3 | 5 | 6 | 8 | 9 | 11 |
| | 2 | 4 | 6 | 7 | 9 | 10 | 12 | 13 |
| | 3 | 6 | 8 | 10 | 11 | 13 | 14 | 16 |
| | 4 | 9 | 11 | 12 | 14 | 15 | 17 | 18 |
| | | Number of Gangs Required | | | | | | |

Note: When ganging an even number of small controls with no side sections removed (plus numbers in chart), use gangable switchboxes with tapped ears as shown below. Do not use plaster rings or gangbox covers. Space an additional switchbox $\frac{3}{4}$ in. apart from the other switchbox(es). A $\frac{3}{4}$ in. close nipple is recommended as a spacer between the switchboxes.

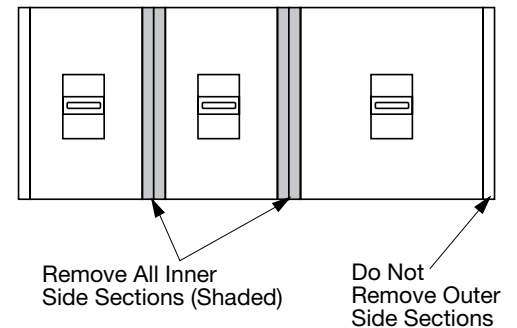
Example of 4-Gang Installation



Number of Switchboxes Required with Side Sections Removed

| | | Number of Small Controls (600W and 1000W) | | | | | | |
|--|---|---|---|----|----|----|----|----|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| Number of Large Controls (1500W and 2000W) | 0 | 0 | 1 | 2 | 3 | 4 | 5 | 6 |
| | 1 | 1 | 3 | 4 | 5 | 6 | 7 | 8 |
| | 2 | 3 | 5 | 6 | 7 | 8 | 9 | 10 |
| | 3 | 5 | 7 | 8 | 9 | 10 | 11 | 12 |
| | 4 | 7 | 9 | 10 | 11 | 12 | 13 | 14 |
| | | Number of Gangs Required | | | | | | |

Note: When removing side sections, remove only inner side sections. Do not remove side sections on outer ends of gang. The same installation rules apply to rotary dimmers (not shown).



Derating Chart

| No Side Sections Removed | One Side Section Removed | Both Side Sections Removed |
|--------------------------|--------------------------|----------------------------|
| 600W | 600W | 500W |
| 1000W | 900W | 700W |
| 1500W | 1250W | 1000W |
| 2000W | 1800W | 1500W |

Note: When ganging any combination of small and large controls, place a small control on one extreme end of the gang, and a large control at the other end of the gang. When ganging with side sections intact, use offset mounting holes. When ganging with side sections removed, use center mounting holes. Allow a $\frac{1}{2}$ in. gap (space) between controls for ease in attaching the faceplate.

Specification Grade Slide and Rotary Series Switchboxes Required: Side Sections Removed

Derating Chart

| 1 Dimmer In Wall Box | 2 Dimmers In Wall Box | 3 Or More Dimmers In Wall Box |
|----------------------|-----------------------|-------------------------------|
| 600W | 500W | 400W |
| 1000W | 800W | 650W |
| 5A fan speed | 4A fan speed | 3A fan speed |

Heavy Duty Panel Mount



HBL11



HBL123SP

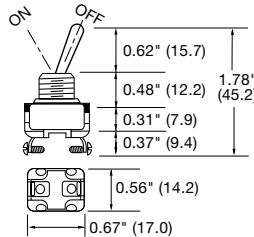
10A 250V AC 20A 125V AC Horsepower Rated 3/4 HP, 125-250V AC

| Description | Terminal | Catalog Number |
|--|----------------|--------------------------------------|
| Single pole/ single throw. | Screw Spade | HBL11 HBL11SP |
| Single pole/ single throw momentary. | Screw Spade | HBL11M HBL11SPM |
| Single pole/ double throw. | Screw Spade | HBL12 HBL12SP |
| Single pole/ double throw 3-position center OFF. | Screw Spade | HBL123 HBL123SP |
| Single pole/ double throw 3-position center OFF momentary. | Screw Spade | HBL123MM HBL123SPMM |

Note: All threaded stems 1/32 in.-32 thread.

10A 240V AC 15A 120V AC

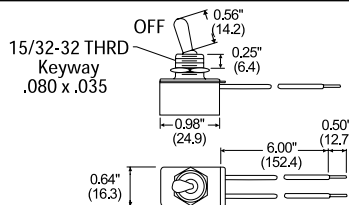
| Description | Terminal | Catalog Number |
|-------------------------------|----------|----------------|
| Single pole/ single throw. | Screw | HBL118 |



Note: 1/32 in.-32 thread.

4A 250V 8A 125V 10A 120V AC 1/3 HP 120V AC

| Description | Terminal | Catalog Number |
|-------------------------------|---|----------------|
| Single pole/ single throw. | #18 Std. AWG Copper Wire Leads 105° C Black. | HBL11WL |



Note: 1/32 in.-32 thread, keyway .080 x .035.

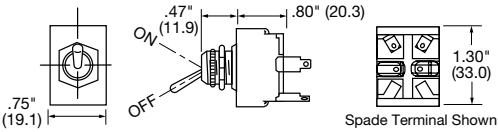
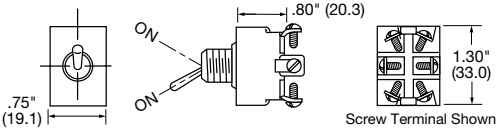
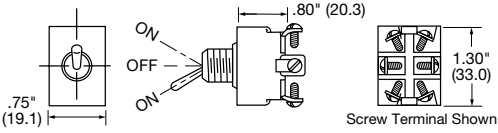
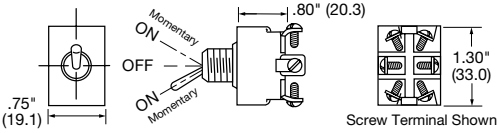
Specifications

- Impact Resistant Thermoplastic Body.
- Fine Silver Contacts.
- Knurled Nut, Hex Nut And Strap All Nickel Plated.
- Keyed Brass Bushing Nickel Plated.
- Brass Toggle Nickel Plated.
- Choice of Terminal Design: .250 in. (6.3) Male Tab Spade Type or 6/32 Screw Type.
- UL Recognized.

Dimensions in Inches (mm)

Heavy Duty Panel Mount

10A 250V AC 20A 125V AC Horsepower Rated 1½ HP, 125-250V AC

| Description | Terminal | Catalog Number |
|--|----------------|--------------------------------------|
| Double pole/ single throw.  | Screw Spade | HBL21 HBL21SP |
| Double pole/ single throw.  | Screw Spade | HBL22 HBL22SP |
| Double pole/ double throw 3-position center OFF.  | Screw Spade | HBL223 HBL223SP |
| Double pole/ double throw 3-position center OFF momentary.  | Screw Spade | HBL223MM HBL223SPMM |
| Silicone rubber boot. | Screw Spade | SSB1 |



HBL21



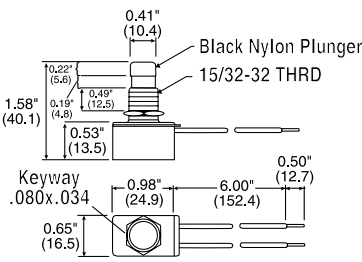
HBL223



SSB1

Note: All threaded stems 1/32 in.-32 thread.
See AA-33 for additional information on 12V DC tapered handle switches.

4A 250V 8A 125V 10A 120V AC 1/3 HP 120V AC

| Description | Terminal | Catalog Number |
|---|---|------------------|
| Single pole/ single throw.  | #18 Std. AWG Copper Wire Leads 105° C Black. | HBL11PBWL |



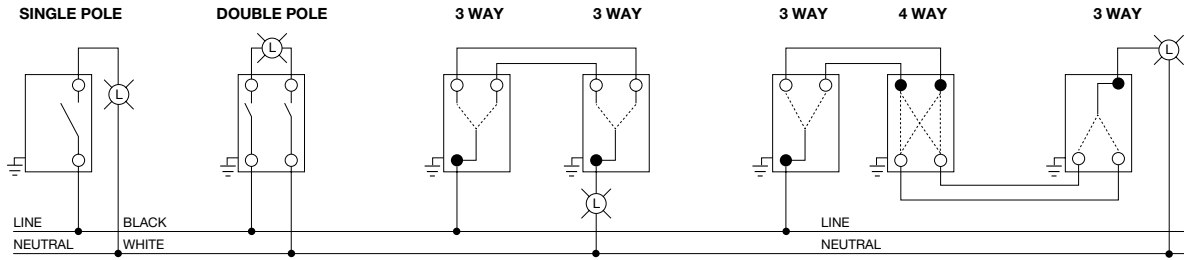
HBL11PBWL

Note: 1/32 in.-32 thread, keyway .080 x .035.

Dimensions in Inches (mm)

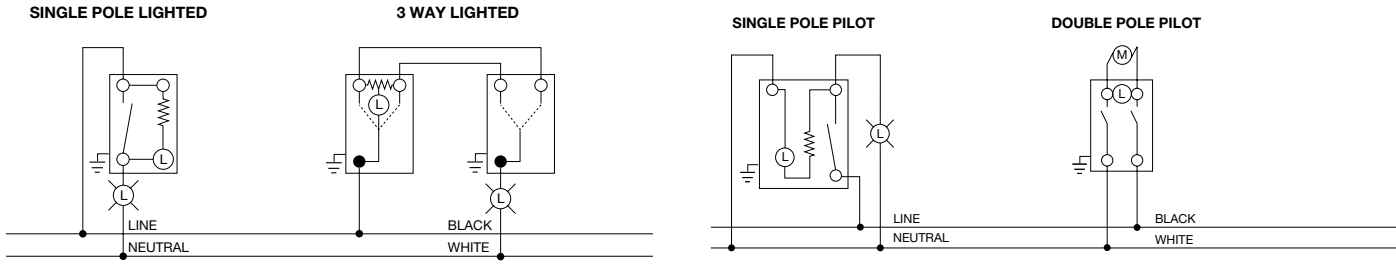
Switches

Standard Toggle Type Switches



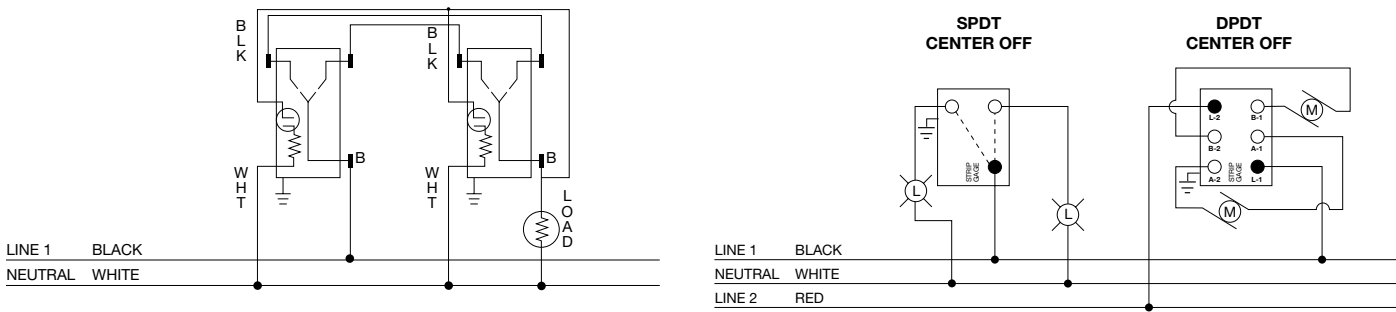
Illuminated Switches (light ON with load OFF)

Pilot Light Switches (light ON with load ON)



Three Way Pilot Switches

Three Position Switches, Momentary and Maintained



Specifications - HBL® Extra Heavy Duty Industrial Grade Switches (SP, DP, 3-Way, 4-Way)

| Listings | Component | Material |
|---------------------------------|--------------------------|------------------------------------|
| UL Listed | Base | Thermoset, Color Coded by Amperage |
| CSA Certified | Top | Thermoset, Gray |
| Verified to Fed. Spec. W-S-896, | Toggle | Nylon |
| SP, DP, 3-way and 4-way | Terminals | Brass |
| | Terminal Screws | Brass |
| | Mounting Bridge | Nickel Plated Steel |
| | Contacts | Silver Alloy |
| | Moveable Contact Arm | Brass |
| | Rocker | Elastomer |
| | Ground Terminal | Nickel-Plated Steel |
| | Ground Screw | Brass |
| | Automatic Grounding Clip | Stainless Steel |

Performance Data

| Electrical | |
|-------------------------|--|
| Dielectric Voltage | Withstands 1500V AC minimum for 1 minute |
| Max. Working Voltage | 277V AC |
| Overload | Minimum 4.8 times rated current for 100 cycles |
| Temperature Rise | 30°C maximum at rated current |
| Max. Continuous Current | 15A, 20A, 30A |
| Endurance | 50,000 cycles min., tungsten filament lamp load Fed. Spec. #WS896, SP, DP, 3-way and 4-way |
| Mechanical | |
| Terminal Accommodations | #14 AWG min. - #10 AWG max. solid and stranded copper wire only |
| Environmental | |
| Flammability | UL 94V-2 |
| Operating Temperature | Max. continuous: 75°C; Min. continuous: -40°C without impact |