

## Circuit-Lock® Stainless Steel Disconnects

Hubbell's stainless steel disconnect switch is the latest addition to the Circuit-Lock® family of switched enclosures. The product has been certified by NSF (National Sanitation Foundation) for hygiene applications in food and beverage processing. The enclosures are designed to withstand harsh environments with exposure to water, chemicals, oils and frequent washdowns. The enclosures feature 304 Series Stainless Steel and are UL Listed Type 4X and 12. The DIN rail mounted switch accommodates up to two auxiliary contacts for control circuit applications. The high visibility red handle can be locked in the OFF position for compliance with OSHA lockout/tagout requirements.

### FEATURES

- Certified by NSF for hygiene in Food Processing applications
- Cover is Embossed with "ON" and "OFF"
- Compact Footprint
- UL60947-4-1A (supercedes UL508) and CSA-C22.2 No.14 IEC Rotary Style Switch
- High Visibility Red Handle
- Meets OSHA Lock-Out/Tag-Out Requirement
- Cover Cannot be Removed while "ON"
- Meets the NEC® Wet and Dry Locations Airspace Requirement of ¼"(6mm) when Installed
- Optional Stainless Steel Breather Drain
- Motor-Quick® Option (30A only)

### APPLICATIONS



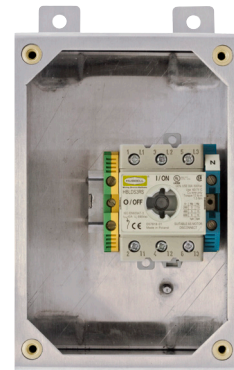
- Food and Beverage Processing
- Conveyor Applications
- Outdoors
- Corrosive Environments

### MATERIALS

- Enclosure - #14 Gauge Type 304 Stainless Steel
- Handle Assembly - Valox®
- Enclosure Gasket - Neoprene
- Shaft Seal - Molded Neoprene
- Enclosure Screws - Stainless Steel



NEC® is a registered trademark of National Fire Protection Association.  
Valox® is a trademark of SABIC Innovative Plastics, acquired from General Electric Company.



### SPECIFICATIONS

- Moisture Resistance
  - Outdoor: Type 4X (Wash down, Corrosion Resistant)
  - Indoor: Type 12 (Dust-tight, Falling Dirt, Noncorrosive Liquids).
- Flammability: UL94-5VA and V0 Classification.
- Operating Temperature: Maximum Continuous 167°F (75°C); Minimum Continuous -40°F (-40°C) without impact.
- All materials are UV stabilized.
- Max. Working Voltage: 600V AC RMS.
- Current Interrupting: Certified for current interrupting at full rated current and voltage.
- Short Circuit Current Ratings (SCCR):
  - 30A: Suitable for use on a circuit capable of delivering not more than 65kA RMS symmetrical amperes, 600V AC max. when protected by Class J fuses rated 30A max.
  - 30/60/100A: Suitable for use on a circuit capable of delivering not more than 10,000 RMS symmetrical amperes, 600V AC max.
- Terminal Identification: In accordance with UL, CSA and international conventions.

**ORDERING INFORMATION**

**30, 60 and 100A Circuit-Lock® Unfused Disconnect Switches in Stainless Steel Enclosures**

Description	Catalog Number
30A Switch.	<b>HBLDS3SS</b>
30A Switch with HBLAC1 auxiliary contact.	<b>HBLDS3SSAC</b>
30A Switch for use with variable frequency drives.	<b>HBLDS3SSVFD</b>
60A Switch.	<b>HBLDS6SS</b>
60A Switch with HBLAC1 auxiliary contact.	<b>HBLDS6SSAC</b>
100A Switch.	<b>HBLDS10SS</b>
100A Switch with HBLAC1 auxiliary contact.	<b>HBLDS10SSAC</b>



**HBLDS3SS**

**30A MotorQuick® Unfused Disconnect Switches in Stainless Steel Enclosures**

Description	Catalog Number
HBLDS3SS with one pre-wired LINKOSITY® female receptacle (load side).	<b>HBLDS3SSMQR</b>
HBLDS3SS with 5 foot pre-wired LINKOSITY® female cable (load side).	<b>HBLDS3SSMQ5</b>
HBLDS3SS with one pre-wired LINKOSITY® male receptacle (line side) and one pre-wired LINKOSITY® female receptacle (load side).	<b>HBLDS3SSMQR2</b>



**HBLDS3SSMQR**

**Accessories and Replacement Parts**

Description	Catalog Number
4X Stainless Steel Breather Drain.	<b>HBL4XBDSS</b>
Auxiliary Contact "Break After Main Break," 1 set of n/o contacts, 1 set of n/c contacts.	<b>HBLAC1</b>
Auxiliary Contact "Break Before Main Break," 1 set of n/o contacts.	<b>HBLAC2</b>
Ground Block for 30A switches.	<b>HBL30RGB</b>
Ground Block for 60A and 100A switches.	<b>HBL60100RGB</b>
Neutral Block for 30A switches.	<b>HBL30RNB</b>
Neutral Block for 60A switches.	<b>HBL60RNB</b>
Neutral Block for 100A switches.	<b>HBL100RNB</b>
Replacement switch for 30A switches.	<b>HBLDS3RS</b>
Replacement switch for 60A and 100A switches.	<b>HBLDS60100RS</b>



**HBL4XBDSS**



**HBLAC1**



**HBL30RGB**



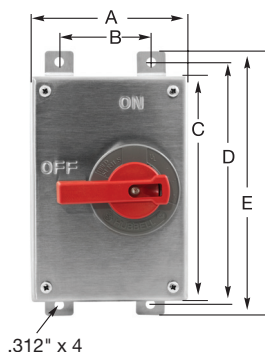
**HBL30RNB**

**Horsepower Ratings**

Voltage	30A	60A	100A
1Ø 120V AC	1	7.5	7.5
1Ø 200-240V AC	3	15	15
1Ø 480V AC	5	30	30
3Ø 200-240V AC	7.5	30	30
3Ø 480V AC	15	50	50
3Ø 600V AC	15	50	50

**Dimensions inch (mm)**

Key	30A	60A/100A
<b>A</b>	4.9 (124)	7.3 (185)
<b>B</b>	3.3 (84)	5.5 (140)
<b>C</b>	7.0 (179)	10.3 (262)
<b>D</b>	8.4 (213)	11.6 (295)
<b>E</b>	9.1 (232)	12.4 (315)
<b>F</b>	5.4 (137)	6.0 (152)



**HBLDS3RS**