

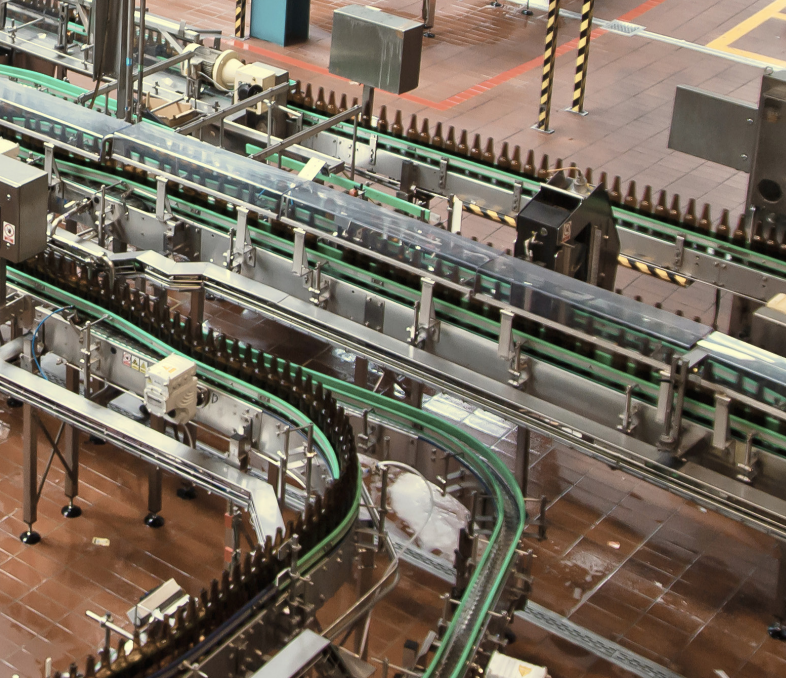
BRYANT®

PRODUCT GUIDE

Motor Controllers and Disconnects

The right choice for performance





Motor Controllers and Disconnects

Reliable Solutions for Safety and Compliance

Bryant® motor controllers are “suitable as motor disconnects,” which means that every motor controller can also be used as a motor disconnect. From a safety perspective, this means a motor load can be isolated and locked out in one convenient location. By utilizing Bryant’s compact motor controllers and disconnects, you enhance your application with the convenience of one device fulfilling two needs. Bryant offers flexibility, strict compliance with UL standards, and high quality that advances productivity and safety for your particular application.

To understand the benefits of the Bryant design, it is important to clarify the difference between a motor controller and a motor disconnect. A motor controller is simply used to activate a motor load “on” or “off” and perform this function thousands of times. A motor disconnect, however, is designed and tested to withstand motor overloads and high short-circuit fault currents while maintaining the ability to disconnect the motor for service or maintenance.

According to the 2026 National Electric Code (NEC) article 430.102, all motor controllers must have a disconnecting means located within the line of sight of the controller. Because the NEC recognizes a controller and a disconnect can be the same unit (article 430.109 (A)), Bryant has taken the opportunity to design a compact controller that will also meet the rigorous demands of a motor disconnect. Bryant’s controllers are listed “suitable as motor disconnects” under UL standard 60947-1 and UL 60947-4-1 Industrial Control Equipment, qualifying them to perform both operations in one compact package.

Bryant’s commitment to exceeding quality and performance expectations is evident in our line of controllers and disconnects. Engineered with patented technology, these compact, efficient solutions are available as pre-assembled NEMA enclosures or component switches—giving you the flexibility to meet your specific application needs. Designed to comply with NEC 430.102(B), our products ensure safe motor control and power disconnection within line of sight, while also supporting OSHA lockout/tagout requirements to protect employees and enhance workplace safety.



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Interactive Online Catalog

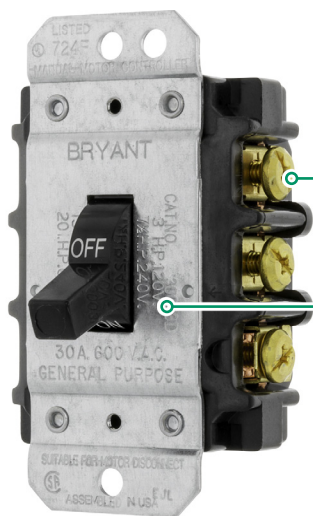
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AC Manual Toggle

30A, 40A and 50A



30003D

Common Features

- Strong on/off action with quick-make, slow-break operation
- 10,000 Amp high-fault short circuit withstand rating when protected by 60A RK5 fuse
- Thermoset body
- Silver alloy contacts

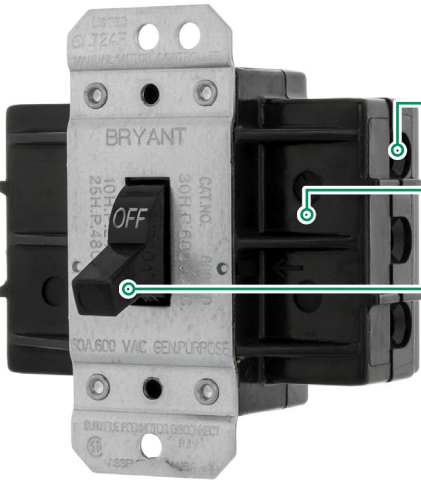
AC Manual Toggle Ordering Information



Catalog Numbers	Amps	Description	Phase	Poles	Horsepower Ratings			
					120V AC	240V AC	480V AC	600V AC
30002D	30	Toggle Switch	1	2	2	5	10	15
30003D	30	Toggle Switch	3	3	3	7.5	15	20
40002D	40	Toggle Switch	1	2	2	5	10	15
40003D	40	Toggle Switch	3	3	3	7.5	15	20
50002D	50	Toggle Switch	1	2	2	5	10	15
50003D	50	Toggle Switch	3	3	3	7.5	15	25

AC Manual Toggle

60A



60003D

- Steel Screws and Copper Terminals**
- Recessed Wiring Wells**
Finger safe environments
- Lubrication-Free Controller**
Continued on/off cycling even in harsh, dusty, and high-heat environments

Common Features

- Strong on/off action with quick-make, slow-break operation
- 10,000 Amp high-fault short circuit withstand rating with 80A max J fuses
- Thermoset body
- Silver alloy contacts

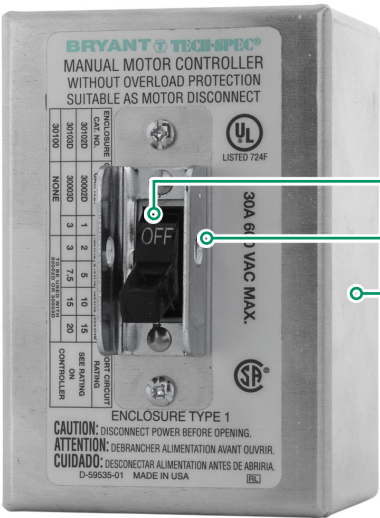
AC Manual Toggle Ordering Information



Catalog Numbers	Amps	Description	Phase	Poles	Horsepower Ratings			
					120V AC	240V AC	480V AC	600V AC
60002D	60	Toggle Switch	1	2	—	10	15	20
60003D	60	Toggle Switch	3	3	—	10	25	30
60002FWD	60	Toggle Switch - Front Wire	1	2	—	10	15	20
60003FWD	60	Toggle Switch - Front Wire	3	3	—	10	25	30

NEMA 1 Motor Disconnect Switches

30A 600V AC



30103D

Nylon Toggle

Lockout/Tagout Capacity

Switch can be locked in the OFF position as a method of compliance with OSHA requirements

Aluminum Cover and Base

Base is pre-drilled for rear surface mounting with top, bottom or back wire entry points

Enclosed Toggle Switch

Enclosed toggle AC manual motor controllers can be used as motor controllers or disconnects. NEMA 1 metal enclosed switches are ideal for indoor environments, and the NEMA 3R thermoplastic and metal enclosed switches are rain-tight for outdoor use.

NEMA 1 Toggle Ordering Information

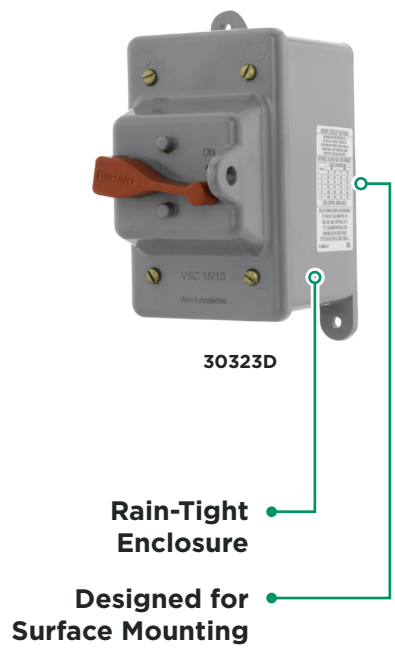


Catalog Numbers	Amps	Description	Phase	Poles	Horsepower Ratings			
					120V AC	240V AC	480V AC	600V AC
30102D	30	NEMA 1 Aluminum - Toggle	1	2	2	5	10	15
30103D	30	NEMA 1 Aluminum - Toggle	3	3	3	7.5	15	20

NEMA 1 Enclosure without Switch Ordering Information

Catalog Number	Description
30100	Enclosure without switch

NEMA 3/3R and NEMA 3R Motor Disconnect Switches



Common Features

- **All-Aluminum Cover and Base**
Base is pre-drilled for surface mounting
- **Rain-Tight Drip Shield Top**
Rolled seamless sides
- **Lockout/Tagout Capability**
- **Wiring Conduit Knockouts**
1/2" NPT K.O. for 30A, 3/4" to 1" NPT K.O. for 60A, and, bottom, or back wire-entry points

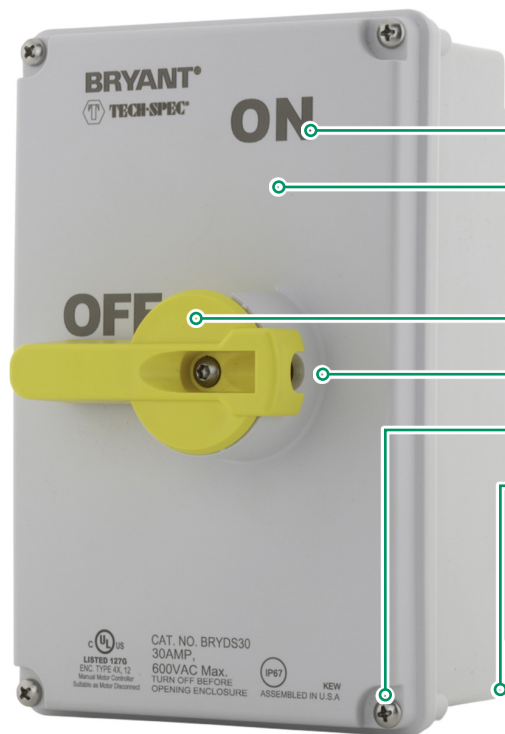
NEMA 3/3R Enclosed Ordering Information



Catalog Numbers	Amps	Description	Phase	Poles	Horsepower Ratings			
					120V AC	240V AC	480V AC	600V AC
30322D	30	NEMA 3/3R Thermoplastic	1	2	2	5	10	15
30323D	30	NEMA 3/3R Thermoplastic	3	3	3	7.5	15	20
30302D	30	NEMA 3R Aluminum	1	2	2	5	10	15
30303D	30	NEMA 3R Aluminum	3	3	3	7.5	15	20
60302D	60	NEMA 3R Aluminum	1	2	—	10	15	20
60303D	60	NEMA 3R Aluminum	3	3	—	10	25	30

Tech-SPEC™ NEMA 4X Non-Metallic Motor Disconnect Switches

30A, 60A, and 100A



BRYDS30

Permanent Laser Markings

Cover Removal

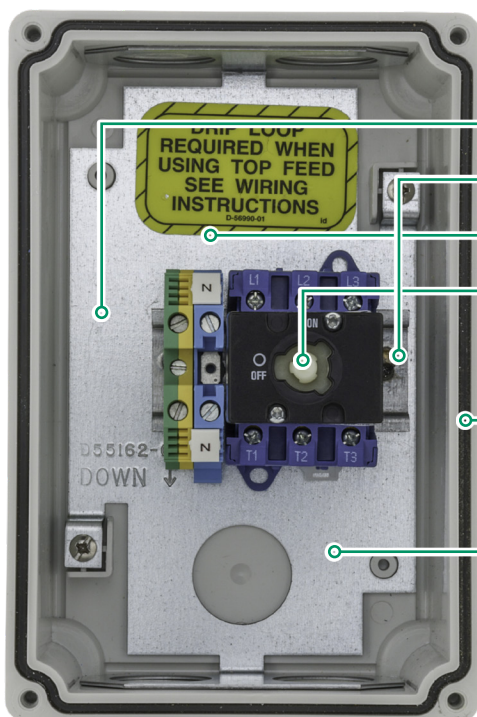
Cannot be removed with switch in the "on" position

High Visibility Yellow Rotary Handle

OSHA LO/TO Handle

Stainless Steel Captive Screws

Movable Mounting Feet
(not shown)



BRYDS30 - Interior

Wire Bending Space

Two Positions for Auxiliary Contacts

Neutral Buss Bar

Interlocking Shaft Handle Assembly
Prevents cover removal when in the "on" position

Nitrile Rubber Gasket

Excellent resistance to oil, fuel, and chemicals

Internal Frame Automatically Bonds All Grounds

Tech-SPEC™ NEMA 4X Non-Metallic Ordering Information



Catalog Numbers	Amps	Description	Phase	Poles	Horsepower Ratings			
					120V AC	240V AC	480V AC	600V AC
BRYDS30	30	Standard	3	3	1	7.5	15	15
BRYDS30AC	30	W/Aux	3	3	1	7.5	15	15
BRYDS30VFD	30	W/Aux for VFD	3	3	1	7.5	15	15
BRYDS30NK	30	No fitting, w/o conduit knockout	3	3	1	7.5	15	15
BRYDS30ACNK	30	W/Aux, no fitting, w/o conduit knockout	3	3	1	7.5	15	15
BRYDS33ACNK	30	W/3 Aux, no fitting, w/o conduit knockout	3	3	1	7.5	15	15
BRYDS60	60	Standard	3	3	2	7.5	15	20
BRYDS60AC	60	W/Aux	3	3	2	7.5	15	20
BRYDS60VFD	60	W/Aux for VFD	3	3	2	7.5	15	20
BRYDS100	100	Standard	3	3	7.5	15	50	50
BRYDS100AC	100	W/Aux	3	3	7.5	15	50	50
BRYDS100VFD	100	W/Aux for VFD	3	3	7.5	15	50	50

Replacement Covers and Mounting Feet

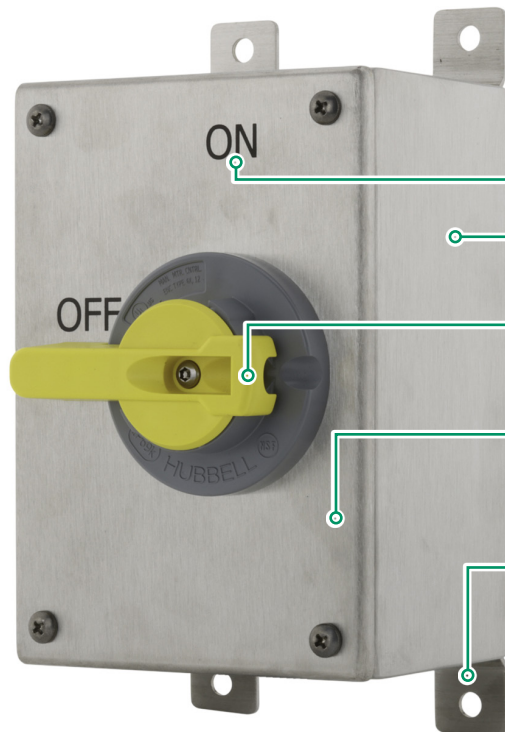
Catalog Numbers	Description
BRYDS30RC	Cover for BRYDS30
BRYDS60RC	Cover for BRYDS60
BRYDS100RC	Cover for BRYDS100
BRYMIRS20	Switch for BRYDS30
BRYMIRS30	Switch for BRYDS60
BRYMIRS60100	Switch for BRYDS100
BRYRPLCFT30	Mounting Feet for BRYDS30, 10PK
BRYRPLCFT	Mounting Feet for BRYDS60 and BRYDS100, 10PK

Accessories

Catalog Numbers	Description
BRYAUX1	Aux Contact, "Break After Break"
BRYAUX2	Aux Contact, "Break Before Break"

Tech-SPEC™ Metallic Motor Disconnect Switches

30A, 60A, and 100A



BRYDS30SS

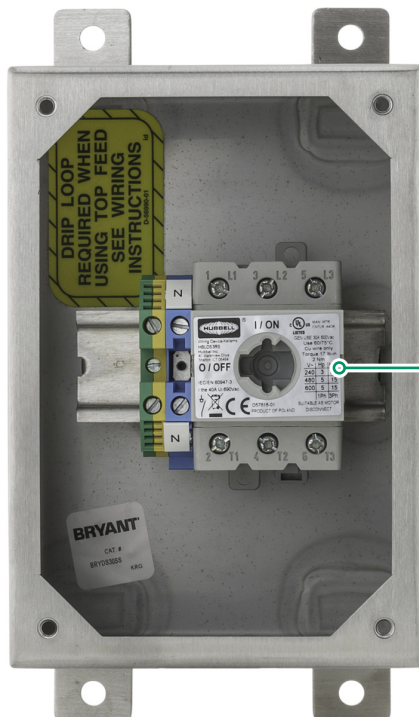
• **Permanent Laser Markings**

• **Formed in Nonporous 304 Stainless Steel**

• **Highly Visible Yellow Handle**
Meets OSHA lockout/tagout requirements

• **Cover Removal**
Cannot be removed with switch in the "on" position

• **Fixed Offset 1/4" Mounting Feet**
Meet NEC airspace requirements for metal enclosures

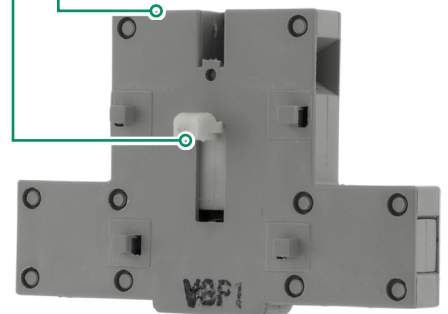


BRYDS30SS - Interior

• **Accepts up to Two Auxiliary Contacts**

• **Pilot Duty Auxiliary contact rated up to 10A 600V**

• **Break Before Main Break Auxiliary Contact**



BRYAUX2

Tech-SPEC™ Metallic Motor Disconnects Ordering Information

Catalog Numbers	Amps	Description	Phase	Poles	Horsepower Ratings			
					120V AC	240V AC	480V AC	600V AC
BRYDS30SS	30	NEMA 4X Metallic	3	3	1	7.5	15	15
BRYDS30SSAC	30	NEMA 4X Metallic W/Aux	3	3	1	7.5	15	15
BRYDS30SSVFD	30	NEMA 4X Metallic W/Aux for VFD	3	3	1	7.5	15	15
BRYDS60SS	60	NEMA 4X Metallic	3	3	7.5	15	50	50
BRYDS60SSAC	60	NEMA 4X Metallic W/Aux	3	3	7.5	15	50	50
BRYDS60SSVFD	60	NEMA 4X Metallic W/Aux for VFD	3	3	7.5	15	50	50
BRYDS100SS	100	NEMA 4X Metallic	3	3	7.5	15	30	50

Replacement Covers

Catalog Numbers	Description
BRYDS30SSRC	Replacement Cover for BRYDS30SS
BRYDS60SSRC	Replacement Cover for BRYDS60SS
BRYDS100SSRC	Replacement Cover for BRYDS100SS

Auxiliary Contacts

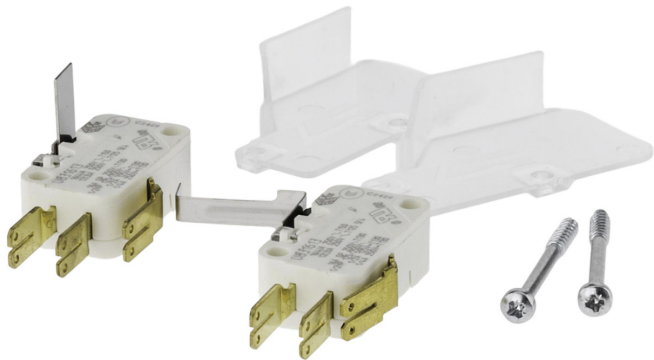
Catalog Numbers	Description
BRYAUX1	1 set N/O and 1 set N/C break after main break
BRYAUX2	1 set N/O break before main

Tech-SPEC™ NEMA 4X 200A Motor Disconnect Switches

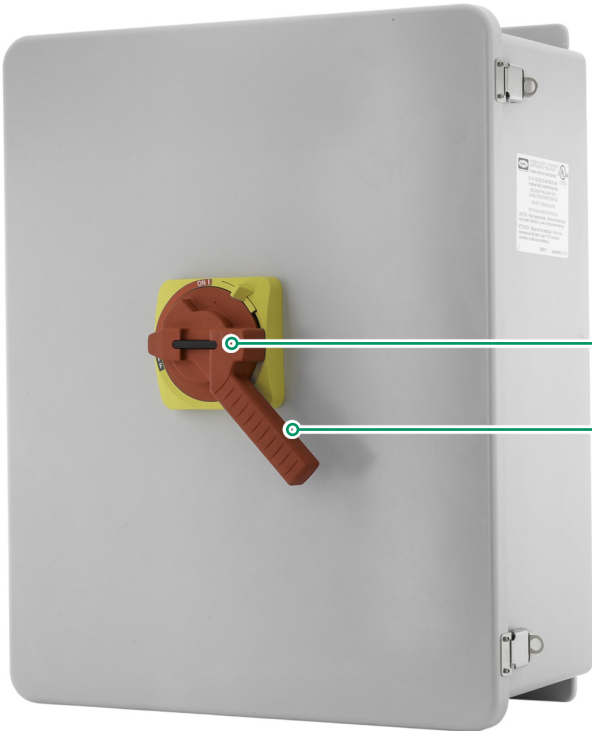


BRYDS20SS

Highly Visible Rotary Handle



BRYAC200



BRYDS20

OSHA Compliant
Lockout/Tagout Handle

Safety Locking
Unable to open cover
when “on” and energized



Tech-SPEC™ NEMA 4X 200A Disconnects Ordering Information

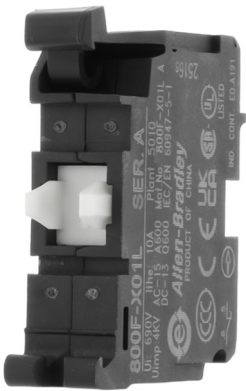
Catalog Numbers	Amps	Description	Phase	Poles	Horsepower Ratings			
					120V AC	240V AC	480V AC	600V AC
BRYDS20	200	Standard, Non-Metallic	3	3	1.5	7.5	15	15
					10*	75*	150*	200*
BRYDS20SS	200	Standard, Stainless Steel	3	3	1.5	7.5	15	15
					10*	75*	150*	200*

* When used with time delay fuses.

Auxiliary Contact

Catalog Numbers	Description
BRYAC200	N/O Auxiliary Contact – “Break Before Main”

Non-Metallic NEMA 4X Fused Disconnect Switches



BRYACFSNC

Non-Metallic NEMA 4X Fused Disconnects



Catalog Numbers	Amps	Description	Phase	Poles	Horsepower Ratings			
					120V AC	240V AC	480V AC	600V AC
BRYFD30	30	Standard	3	3	0.5	3	5	7.5
					2*	7.5*	15*	20*
BRYFD60	60	Standard	3	3	1.5	7.5	15	15
					3*	15*	30*	50*

* When used with time delay fuses.

Accessories

Catalog Number	Description
BRYACFSNO	Auxiliary contact, normally open, A600 pilot duty
BRYACFSNC	Auxiliary contact, normally closed, A600 pilot duty

Quick Reference Guide



Catalog Numbers	Amps	Description	Phase	Poles	Horsepower Ratings			
					120V AC	240V AC	480V AC	600V AC



Toggle Switches

30002D	30	Toggle Switch	1	2	2	5	10	15
30003D	30	Toggle Switch	3	3	3	7.5	15	20
40002D	40	Toggle Switch	1	2	2	5	10	15
40003D	40	Toggle Switch	3	3	3	7.5	15	20
50002D	50	Toggle Switch	1	2	2	5	10	15
50003D	50	Toggle Switch	3	3	3	7.5	15	25
60002D	60	Toggle Switch	1	2	—	10	15	20
60003D	60	Toggle Switch	3	3	—	10	25	30
60002FWD	60	Toggle Switch - Front Wire	1	2	—	10	15	20
60003FWD	60	Toggle Switch - Front Wire	3	3	—	10	25	30



Enclosed Toggle Switches NEMA 1, 3, 3R

30102D	30	NEMA 1 Aluminum - Toggle	1	2	2	5	10	15
30103D	30	NEMA 1 Aluminum - Toggle	3	3	3	7.5	15	20
30322D	30	NEMA 3/3R Thermoplastic	1	2	2	5	10	15
30323D	30	NEMA 3/3R Thermoplastic	3	3	3	7.5	15	20
30302D	30	NEMA 3R Aluminum	1	2	2	5	10	15
30303D	30	NEMA 3R Aluminum	3	3	3	7.5	15	20
60302D	60	NEMA 3R Aluminum	1	2	—	10	15	20
60303D	60	NEMA 3R Aluminum	3	3	—	10	25	30



Non-Metallic Enclosed Disconnect Switches NEMA 4X

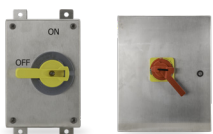
BRYDS30	30	Standard	3	3	1	7.5	15	15
BRYDS30AC	30	w/Aux	3	3	1	7.5	15	15
BRYDS30VFD	30	w/Aux for VFD	3	3	1	7.5	15	15
BRYDS30NK	30	No Fitting, w/o Conduit Knockout	3	3	1	7.5	15	15
BRYDS30ACNK	30	w/Aux, No Fitting, w/o Conduit Knockout	3	3	1	7.5	15	15
BRYDS33ACNK	30	w/3 Aux, No Fitting, w/o Conduit Knockout	3	3	1	7.5	15	15
BRYDS60	60	Standard	3	3	2	7.5	15	20
BRYDS60AC	60	w/Aux	3	3	2	7.5	15	20
BRYDS60VFD	60	w/Aux for VFD	3	3	2	7.5	15	20
BRYDS100	100	Standard	3	3	7.5	15	50	50
BRYDS100AC	100	w/Aux	3	3	7.5	15	50	50
BRYDS100VFD	100	w/Aux for VFD	3	3	7.5	15	50	50
BRYDS20	200	Standard	3	3	1.5	7.5	15	15
					10*	75*	150*	200*
BRYFD30	30	Fused	3	3	0.5	3	5	7.5
					2*	7.5*	15*	20*
BRYFD60	60	Fused	3	3	1.5	7.5	15	15
					3*	15*	30*	50*

* When used with time delay fuses.

Stainless Steel Enclosed Disconnect Switches NEMA 4X

BRYDS30SS	30	Standard	3	3	1	7.5	15	15
BRYDS30SSAC	30	w/Aux	3	3	1	7.5	15	15
BRYDS30SSVFD	30	w/Aux for VFD	3	3	1	7.5	15	15
BRYDS60SS	60	Standard	3	3	7.5	15	50	50
BRYDS60SSAC	60	w/Aux	3	3	7.5	15	50	50
BRYDS60SSVFD	60	w/Aux for VFD	3	3	7.5	15	50	50
BRYDS100SS	100	Standard	3	3	7.5	15	30	50
BRYDS20SS	200	Standard	3	3	1.5	7.5	15	15
					10*	75*	150*	200*

* When used with time delay fuses.





Since 1888, Bryant has been a pioneer in the wiring device industry. Our superior performance in food and beverage, mining and construction, energy and power generation, and industrial manufacturing markets enables us to provide tailored, packaged solutions based on real-world experience.

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