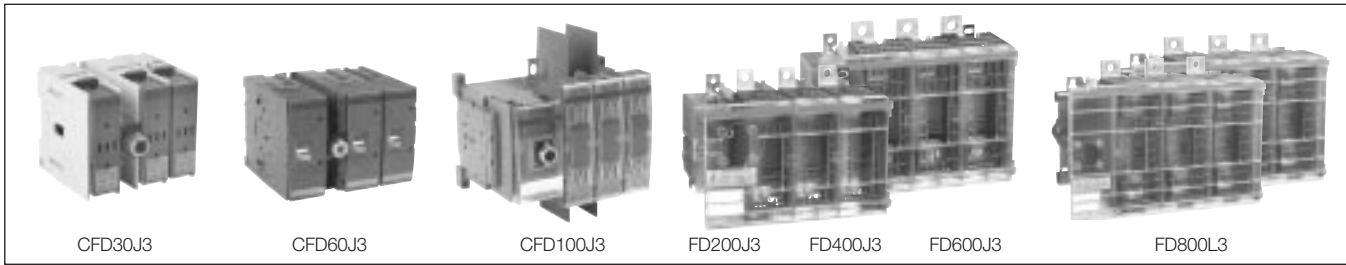


# for Fusible Disconnect Switches CFD30CC3 - FD800L3



Catalog number	3 pole	CFD30CC3	CFD30J3	CFD60J3	CFD100J3	FD200J3	FD400J3	FD600J3	FD800L3	
<b>General purpose amp rating</b>	<b>A</b>	<b>30</b>	<b>30</b>	<b>60</b>	<b>100</b>	<b>200</b>	<b>400</b>	<b>600</b>	<b>800</b>	
<b>Approvals</b> <sup>①</sup>	2 pole 3 pole 4 pole	N/A UL98 & IEC UL98 & IEC	N/A UL98 & IEC UL98 & IEC	N/A UL98 & IEC UL98 & IEC	UL98 & IEC UL98 & IEC UL98 & IEC	UL98 & IEC UL98 & IEC UL98 & IEC	UL98 & IEC UL98 & IEC UL98 & IEC	UL98 & IEC UL98 & IEC UL98 & IEC	UL98 & IEC UL98 & IEC UL98 & IEC	
<b>Technical ratings (UL,CSA)</b>										
Max operating voltage	V	600	600	600	600	600	600	600	600	
Max horsepower rating										
Three phase										
200 – 208V	HP	5/7.5	5/7.5	15	25	50	100/125	150	200	
240V	HP	7.5	7.5	15	30	60	125	200	250	
480V	HP	15	15	30	60	125	250	400	500	
600V	HP	20	20	50	75	150	350	500	600	
Single phase										
120V	HP	2	2	—	—	—	—	—	—	
240V	HP	3	3	—	—	—	—	—	—	
UL fuse class		CC	J	J	J	J,T	J,T	J,T	L	
<b>Technical ratings (IEC)</b>										
Rated insulation and operational voltage. AC20 and DC20 <sup>②</sup>		1000	1000	750	750	1000	1000	1000	1000	
Rated thermal current, I <sub>th</sub>										
AC 20/DC 20 open	A	32	32	63	125	250	400	630	800	
AC 20/DC 20 enclosed	A	32	32	63	125	250	400	600	720	
AC 21A ≤500V	A	32	32	63	125	250	400	630	800	
AC 21A ≤690V	A	32	32	63	125	250	400	630	800	
Rated operational power AC23										
400/415V	kW	14/15	14/15	30	80/90	132/140	210/230	315/340	350/380	
690V	kW	25	25	60	132	230	330	540	600	
<b>Physical characteristics</b>										
Weight	3 pole switch 4 pole	lb lb	1.54 1.98	1.54 1.98	2.86 3.52	3.30 3.96	15.21 17.4	17.2 19.4	37.48 46.3	37.48 46.3
Dimension	3 pole	H in W in D in	3.82 4.17 4.21	3.82 4.17 4.21	3.94 5.63 5.04	5.66 7.06 5.09	7.87 11.22 7.83	7.87 14.69 8.11	11.42 14.69 9.21	11.42 14.69 9.21
<b>Accessories</b>										
Double break contacts		S	S	S	S	S	S	S	S	
Fuse cover		S	S	S	•	S	S	S	S	
Terminal lug kit		Integral	Integral	Integral	BDTL24	BDTL25	BDTL26	BDTL27	BDTL27	
Terminal shroud		Not required	Not required	Not required	•	•	•	•	•	
Auxiliary contact		•	•	•	•	•	•	•	•	
Handle UL/NEMA type										
Type 1, 3R, 12		•	•	•	•	•	•	•	•	
Type 1, 3R, 4, 4X, 12		•	•	•	•	•	•	•	•	
Conversion kit										
6 pole		•	•	•	•	•	•	•	•	
Transfer		•	•	•	•	•	•	•	•	
Bypass		—	—	—	—	•	•	•	•	
Mechanical interlock		•	•	—	—	•	•	•	•	
Electrical interlock		—	—	—	—	•	•	•	•	

S = Standard

• = Available

— = Not available

① UL listed switches are also CSA approved.

② 1000V IEC 408

**UL listed, CSA approved, IEC rated, CE marked**

For additional information and detail, see the Bussmann Disconnect Switch Catalog, Item Number 3006



## Base & DIN Rail Mounted UL Fuse Class J, CC

For a complete assembly, please select one of each:

- 1 switch
- 1 handle
- 1 shaft



CFD30J3



CDS180S



CDH3S



CFD30J3



CDH3S, 5S



CDH4S, 6S



CDS\_ \_S

### 30 Amp Switches, 600V

UL General Purpose Amp Rating	IEC Fuse Type 600V	Maximum Horsepower Rating					Terminal Lugs		Catalog Number
		Three Phase					Wire Size	Wire Type	
		200V	208V	240V	480V	600V			
<b>3 pole</b>									
30	J	5	7.5	7.5	15	20	#18 - 8	Cu	CFD30J3
30 <sup>①</sup>	CC	5	7.5	7.5	15	20	#18 - 8	Cu	CFD30CC3
<b>4 pole</b>									
30	J	5	7.5	7.5	15	20	#18 - 8	Cu	CFD30J4
30 <sup>①</sup>	CC	5	7.5	7.5	15	20	#18 - 8	Cu	CFD30CC4

### Selector Handles — For use with shafts □ .20 x .20" (□ 5 x 5 mm)

NEMA Type	IEC Type	Color	Defeatable	Padlockable	Weight (lbs)	Catalog Number
<b>All marked both O/I &amp; Off/On</b>						
1,3R,12	IP65	Black	—	Yes	0.16	CDH3S
1,3R,12	IP65	Red/Yellow	—	Yes	0.16	CDH4S
1,3R,12	IP65	Black	Yes	Yes	0.16	CDH5S
1,3R,12	IP65	Red/Yellow	Yes	Yes	0.16	CDH6S

### Shafts — For use with CDH selector handles □ .20 x .20" (□ 5 x 5 mm)

Shaft Length (inches/mm)	Mounting Depth <sup>①</sup> (in inches)	Weight (lbs.)	Catalog Number
3.3/85	5.5 - 5.7	0.04	CDS85S
4.1/105	5.5 - 6.5	0.04	CDS105S
4.7/120	5.5 - 7.1	0.05	CDS120S
5.1/130	5.5 - 7.5	0.05	CDS130S
7.1/180	6.3 - 9.4	0.08	CDS180S
9.8/250	9.1 - 12.2	0.10	CDS250S
13.0/330	12.2 - 15.4	0.14	CDS330S

<sup>①</sup> Rejection style fuses only.



For additional information and detail see the Bussmann Disconnect Switch Catalog item number 3006

For complete specification data, call Bussmann Information Fax ~ 636.527.1450

**For 30A Fusible Disconnect Switches**

For a complete assembly, please select one of each:

- 1 switch
- 1 handle
- 1 shaft



CFD30J3

+



CDS67P

+



BDH106

**Pistol Handles**

For use with shafts □ .20 x .20" (□ 5 x 5 mm)



BDH104, 106



BDH105, 107

NEMA Type	IEC Type	Color	Marking	Length (inches/mm)	Defeatable	Padlockable	Weight (lbs.)	Catalog Number
1,3R,12	IP65	Black	O/I&Off/On	1.8/45	Yes	Yes	0.28	BDH104
1,3R,12	IP65	Red/Yellow	O/I&Off/On	1.8/45	Yes	Yes	0.28	BDH105
1,3R,12	IP65	Black	O/I&Off/On	2.6/65	Yes	Yes	0.29	BDH106
1,3R,12	IP65	Red/Yellow	O/I&Off/On	2.6/65	Yes	Yes	0.29	BDH107
1,3R,4,4X,12	IP65	Black	O/I&Off/On	2.6/65	Yes	Yes	0.29	CDHXB65
1,3R,4,4X,12	IP65	Red/Yellow	O/I&Off/On	2.6/65	Yes	Yes	0.29	CDHXY65
1,3R,12	IP65	Black	Off/On/Test	2.6/65	Yes	Yes	0.29	BDH106T
1,3R,12	IP65	Red/Yellow	Off/On/Test	2.6/65	Yes	Yes	0.29	BDH107T

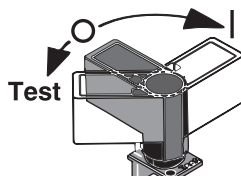
**Shafts**

For use with pistol handles □ .20 x .20" (□ 5 x 5 mm)

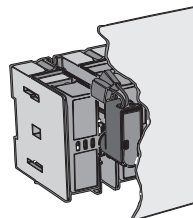


CDS\_\_P

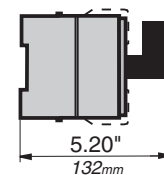
Shaft length (inches/mm)	Mounting Depth (in inches)	Weight (lbs.)	Catalog Number
5.9/150	4.9 - 8.9	0.07	CDS48P
6.7/170	5.9 - 9.7	0.08	CDS67P
10.4/265	9.5 - 13.4	0.12	CDS49P
15.8/400	15.0 - 18.7	0.18	CDS50P
19.7/500	20.5 - 22.6	0.23	CDS99P



BDH79



BDH79 Mounted



5.20"/132mm  
BDH79 Mounted Depth

**Direct Mount Handle**

Mounts directly to switch, no shaft necessary

NEMA Type	Color	Marking	Length (Inches/mm)	Padlockable	Weight (lbs.)	Catalog Number
1	Black	O/I/Test	50	Yes	0.10	BDH79

For additional information and detail see the Bussmann Disconnect Switch Catalog item number 3006



# For Fusible Disconnect Switches UL Fuse Class J

For a complete assembly, please select one of each:

- 1 switch
- 1 handle
- 1 shaft
- 1 terminal lug kit



CFD60J3



BDS210



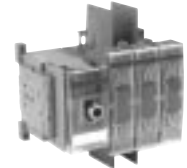
BDH58

## 60 – 100 Amp Switches, 600V

UL General Purpose Amp Rating	UL Fuse Type 600V	Maximum Horsepower Rating					Catalog Number
		Three Phase					
		200V	208V	240V	480V	600V	
<b>3 pole</b>							<b>3 pole</b>
60	J	15	15	15	30	50	CFD60J3
100	J	25	25	30	60	75	CFD100J3
<b>4 pole</b>							<b>4 pole</b>
60	J	15	15	15	30	50	CFD60J4
100	J	25	25	30	60	75	CFD100J4



CFD60J3



CFD100J3

## Pistol Handles — □ .24 x .24" (□ 6 x 6 mm)

BDH58, 60, 120



BDH59, 61, 121



NEMA/UL Type	IEC Type	Color	Length (inches/mm)	Marking	Defeatable	Padlockable	Weight (lbs.)	Catalog Number
1,3R,12	IP65	Black	2.6/65	O/I & Off/On	Yes	Yes	0.29	BDH58
1,3R,12	IP65	Red/Yel	2.6/65	O/I & Off/On	Yes	Yes	0.29	BDH59
1,3R,12	IP65	Black	3.1/80	O/I & Off/On	Yes	Yes	0.30	BDH60
1,3R,12	IP65	Red/Yel	3.1/80	O/I & Off/On	Yes	Yes	0.30	BDH61
1,3R,4,4X,12	IP65	Black	3.1/80	O/I & Off/On	Yes	Yes	0.30	CDHXB86
1,3R,4,4X,12	IP65	Red/Yel	3.1/80	O/I & Off/On	Yes	Yes	0.30	CDHXY86

## Shafts — □ .24 x .24" (□ 6 x 6 mm)



BDS\_\_

Shaft Length (inches/mm)	Mounting Depth (in inches)	Weight (lbs.)	Catalog Number
5.9/150	5.5 – 8.5	0.09	BDS150
8.3/210	8.0 – 11.0	0.13	BDS210
11.4/290	11.0 – 14.0	0.18	BDS290
14.2/360	13.8 – 16.8	0.23	BDS360
16.9/430	16.5 – 19.7	0.27	BDS430

## Twisted Shafts

Rotates handle 45° □ .24 x .24" (□ 6 x 6 mm)



BDST\_\_

Shaft Length (inches/mm)	Mounting Depth (in inches)	Weight (lbs.)	Catalog Number
5.1/130	4.8 – 7.8	0.08	BDST4
8.3/210	8.0 – 11.0	0.13	BDST25
11.4/290	11.0 – 14.0	0.18	BDST29
14.2/360	13.8 – 16.8	0.23	BDST30

## Direct Mount Handle

Mounts directly to switch, no shaft necessary

NEMA Type	Color	Marking	Length (Inches/mm)	Padlockable	Weight (lbs.)	Catalog Number
1	Black	O/I/Test	50	Yes	0.10	CDH4



For additional information and detail see the Bussmann Disconnect Switch Catalog item number 3006

For complete specification data, call Bussmann Information Fax ~ 636.527.1450

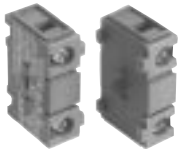
# For 60A - 100A Fusible Disconnect Switches



BDTL24

## Terminal Lug Kit

For Use On:	Wire Size	Kit Weight (lbs.)	Wire Type	Terminal Lugs Per Kit	Catalog Number
CFD60J_	#14 - 4	—	Cu	—	Integral
CFD100J_	#14 - 2/0	0.43	Cu/Al	6	BDTL24



CDAUX10 CDAUX01K

## Auxiliary Contacts

Description	For Use On:	Weight (lbs.)	AC Thermal Amp Rating	AC Rated Voltage	Catalog Number
1 N.O.	CFD60 - CFD100	0.07	10	600	CDAUX10
1 N.C.		0.07	10	600	CDAUX01K



CFC60J

## Replacement Fuse Clip

Description	For Use On:	Catalog Number
Removable fuse carrier	CFD60	CFC60J



CFCVR100

## Replacement Fuse Covers

Description	For Use On:	Catalog Number
Transparent fuse cover	CFD100	CFCVR100



CFTS100

## Terminal Shroud

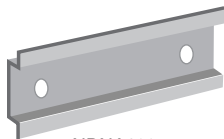
Description	For Use On:	Weight (lbs.)	Catalog Number
Includes one terminal shroud for line or load side	CFD100, 1-POLE	0.04	CFTS100



CFZ1

## Terminal Poles

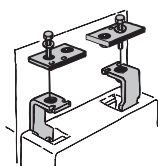
Description	For Use On:	Weight (lbs.)	AC Thermal Amp Rating	AC Rated Voltage	Catalog Number
Detachable neutral mounts on side of switch or DIN rail	CFD60	0.13	63	600	CFZ1
	CFD100	0.31	125	600	CFZ2



NDNA100

## DIN Rail

Description	For Use On:	Weight (lbs.)	Length (inches/mm)	Catalog Number
35mm Aluminum DIN Rail	CFD60	.38	39.4/1000	NDNA100
35mm Aluminum DIN Rail	CFD60	.75	78.8/1000	NDNA200



BDTA1

## "T" Type Fuse Adapter Kit

Description	For Use On:	Catalog Number
100A, 600V	CFD100	BDTA1

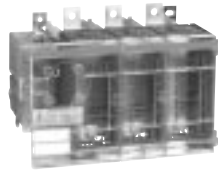
For additional information and detail see the Bussmann Disconnect Switch Catalog item number 3006



# Fusible Disconnect Switches UL Fuse Class J, T, L

For a complete assembly, please select one of each:

- 1 switch
- 1 handle
- 1 shaft
- 1 terminal lug kit



FD200J3



BDS280

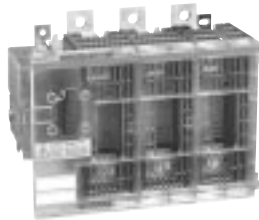


BDH114

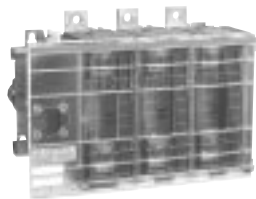


BDTL25

## 200 — 800 Amp Switches, 600V



FD400J3



FD600J3  
FD800L3

UL General Purpose Amp Rating	UL Fuse Type 600V	Maximum Horsepower Rating					Catalog Number
		Three Phase					
		200V	208V	240V	480V	600V	
<b>2 pole</b>							<b>2 pole</b>
200	JⓁ	—	—	—	—	—	FD200J2
400	JⓁ	—	—	—	—	—	FD400J2
600	JⓁ	—	—	—	—	—	FD600J2
800	L	—	—	—	—	—	FD800L2
<b>3 pole</b>							<b>3 pole</b>
200	JⓁ	50	50	60	125	150	FD200J3
400	JⓁ	100	125	125	250	350	FD400J3
600	JⓁ	150	150	200	400	500	FD600J3
800	L	200	200	250	500	600	FD800L3
<b>4 pole</b>							<b>4 pole</b>
200	JⓁ	50	50	60	125	150	FD200J4
400	JⓁ	100	125	125	250	350	FD400J4
600	JⓁ	150	150	200	400	500	FD600J4
800	L	200	200	250	500	600	FD800L4



BDH112



BDH113

## Pistol Handles — □ .47 x .47" (□ 12 x 12 mm)

NEMA Type	IEC Type	Color	Length (inches/mm)	Marking	Defeatable	Padlockable	Weight (lbs.)	Catalog Number
1,3R,12	IP65	Black	4.9/125	O/I & Off/On	Yes	Yes	0.39	BDH112
1,3R,12	IP65	Red/Yellow	4.9/125	O/I & Off/On	Yes	Yes	0.39	BDH113
1,3R,12	IP65	Black	5.7/145	O/I & Off/On	Yes	Yes	0.39	BDH114
1,3R,12	IP65	Red/Yellow	5.7/145	O/I & Off/On	Yes	Yes	0.39	BDH115
1,3R,12	IP65	Black	6.9/175	O/I & Off/On	Yes	Yes	0.41	BDH116
1,3R,12	IP65	Red/Yellow	6.9/175	O/I & Off/On	Yes	Yes	0.41	BDH117
1,3R,4,4X,12	IP65	Black	5.7/145	O/I & Off/On	Yes	Yes	0.39	CDHXB12
1,3R,4,4X,12	IP65	Red/Yellow	5.7/145	O/I & Off/On	Yes	Yes	0.39	CDHXY12
1,3R,4,4X,12	IP65	Black	6.9/175	O/I & Off/On	Yes	Yes	0.41	CDHXB22
1,3R,4,4X,12	IP65	Red/Yellow	6.9/175	O/I & Off/On	Yes	Yes	0.41	CDHXY22
1,3R,4,4X,12	IP65	Metal	8.7/220	Off/On	—	Yes	1.50	BDH8

Ⓛ J type fuse clips are standard. If 600V Type "T" clips are desired, please order a "T" type fuse adapter kit.



For additional information and detail see the Bussmann Disconnect Switch Catalog item number 3006


For complete specification data, call Bussmann Information Fax ~ 636.527.1450

# For 200A - 800A Fusible Disconnect Switches

## Shafts — □ .47 x .47" (□ 12 x 12 mm)



BDS\_


Shaft Length (inches/mm)	 Mounting Depth <sup>Ⓞ</sup> (in inches)	Weight (lbs.)	Catalog Number
<b>For use on FD200J_ – FD400J_</b>			
8.7/220	7.9 – 12.2	0.61	BDS220
9.8/250	9.1 – 13.4	0.70	BDS250
11.0/280	10.2 – 14.5	0.77	BDS280
12.8/325	12.0 – 16.3	0.90	BDS325
15.6/395	14.8 – 19.1	1.10	BDS395
18.3/465	17.5 – 21.9	1.32	BDS465
21.1/535	20.3 – 24.6	1.54	BDS535
<b>For use on FD600J_ – FD800J_</b>			
9.8/250	10.0 – 12.8	0.70	BDS250
11.0/280	11.2 – 14.0	0.77	BDS280
12.8/325	13.0 – 15.8	0.90	BDS325
15.6/395	15.8 – 18.6	1.10	BDS395
18.3/465	18.5 – 21.3	1.32	BDS465
21.1/535	21.1 – 24.1	1.54	BDS535

## Twisted Shafts

### Rotates handle 45° □ .47 x .47" (□ 12 x 12 mm)



BDS\_45

Shaft Length (inches/mm)	 Mounting Depth (in inches)	Weight (lbs.)	Catalog Number
<b>For use on FD200J_ – FD400J_</b>			
11.0/280	10.2 – 14.5	0.77	BDS28045
12.8/325	12.0 – 16.3	0.90	BDS32545
18.3/465	17.5 – 21.9	1.32	BDS46545
<b>For use on FD600J_ – FD800J_</b>			
11.0/280	11.2 – 14.0	0.77	BDS28045
12.8/325	13.0 – 15.8	0.90	BDS32545
18.3/465	18.5 – 21.3	1.32	BDS46545



BDTL25



BDTL26



BDTL27



BDTL175



BDTL175/400

## Terminal Lug Kit

For Use On:	Wire Size	Kit Weight (lbs.)	Wire Type	Terminal Lugs Per Kit	Catalog Number
FD200J_	#6 – 300 kcmil	0.93	Cu/Al	6	BDTL25
FD200J	(6) #14 – 6 kcmil	0.93	Cu/Al	6	BDTL175
FD400J_	#2 – 600 kcmil	3.50	Cu/Al	6	BDTL26
FD600J – FD800L	(12) #14 – 16–600 kcmil	1.10	Cu/Al	3	BDTL175/400
FD600J_ & FD800L_	(2) #2 – 600 kcmil	4.62	Cu/Al	6	BDTL27

## “T” Type Fuse Adapter Kit

For Use On:	AC Thermal Amp Rating	AC Rated Voltage	Poles	Catalog Number
FD200J_	200	600	3	BDA2
FD400J_	400	600	3	BDA4
FD600J_	600	600	3	BDA6



BDA

Ⓞ Mounting depth is the distance from the outside of the door to the disconnect switch mounting plate. Shaft can be cut to desired length.

For additional information and detail see the Bussmann Disconnect Switch Catalog item number 3006

