

for Non-Fusible Disconnect Switches

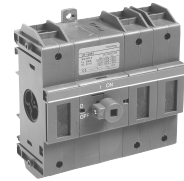
CDNF16 – CDFN160



CDNF16 CDFN25 CDFN32



CDNF30 CDFN60 CDFN100



CDNF160

Catalog number	3 pole	CDNF16	CDNF25	CDNF32	CDNF45	CDNF63	CDNF30	CDNF60	CDNF100	CDNF160
General purpose amp rating	A	16	25	40	60	80	30	60	100	125
Approvals^①										
	2 pole	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	UL98
	3 pole	UL508	UL508	UL508	UL508	UL508	UL98	UL98	UL98	UL98
	4 pole	UL508	UL508	UL508	UL508	UL508	UL98	UL98	UL98	UL98
Technical ratings										
UL, CSA^②										
Max operating voltage	V	600	600	600	600	600	600	600	600	600
Max horsepower rating										
Three phase										
200 – 208V	HP	3	7.5	10	15	20	10	20	25	—
240V	HP	5	7.5	10	15	20	10	20	25	30
480V	HP	10	15	20	30	40	20	40	50	60
600V	HP	10	20	25	20	40	30	40	40	75
Single phase										
120V	HP	1/2	3/4	1	2	2	2	3	5	7.5
240V	HP	1.5	2	3	5	5	5	7.5	15	20
Technical ratings										
IEC^③										
Rated insulation and operational voltage. AC20 and DC20 ^④	V	750	750	750	750	750	750	750	750	750
Rated thermal current, I _{th}										
AC 20/DC 20 open	A	25	32	40	63	80	40	63	115	200
AC 20/DC 20 enclosed	A	25	32	40	63	80	40	63	115	160
AC 21A 500V	A	16	25	32	63	80	40	63	100	160
690V	A	16	25	32	63	80	40	63	100	160
Rated operational power AC23										
400/415V	kW	7.5	9	11	22	37	15	18.5	37	75
690V	kW	7.5	9	11	15	18.5	15	15	37	75
Physical characteristics										
Weight ^④	3 pole lb	0.24	0.24	0.24	0.59	0.59	0.79	0.79	0.79	2.42
Dimension	3 pole H in	2.68	2.68	2.68	3.60	3.60	3.94	3.94	3.94	5.00
	W in	1.38	1.38	1.38	2.07	2.07	2.76	2.76	2.76	4.96
	D in	2.20	2.20	2.20	2.85	2.85	2.95	2.95	2.95	2.93
Accessories										
Terminal lug kit		Integral	Integral	Integral	Integral	Integral	Integral	Integral	Integral	integral
Terminal shroud		•	•	•	•	•	•	•	•	•
Auxiliary contact		•	•	•	•	•	•	•	•	•
Handle UL/NEMA type										
Type 1, 3R, 12		•	•	•	•	•	•	•	•	•
Type 1, 3R, 4, 4X, 12		•	•	•	•	•	•	•	•	•
Handle type										
Selector		•	•	•	•	•	—	—	—	—
Pistol		•	•	•	•	•	•	•	•	•
Conversion kits										
6 pole		•	•	•	•	•	•	•	•	•
Transfer		•	•	•	•	•	•	•	•	•
Bypass		•	•	•	•	•	•	•	•	•
Mechanical interlock		•	•	•	•	•	•	•	—	•
Electrical interlock		—	—	—	—	—	—	—	—	—

• = Available

— = Not available

UL listed, CSA approved, IEC rated, CE marked

① UL listed switches are also CSA approved.

② For complete technical information please see page 58 & 59.

③ 1000V, IEC 408.

④ Switch only

Fusible

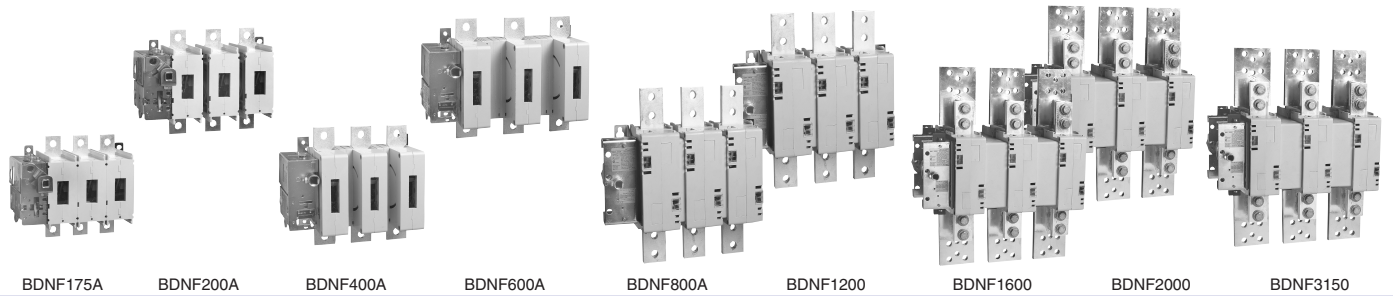
Non-Fused

Enclosed Fused

Enclosed Non-Fused

for Non-Fusible Disconnect Switches

BDNF200A – BDNF3150



Catalog number	3 pole	BDNF175A	BDNF200A	BDNF400A	BDNF600A	BDNF800A	BDNF1200	BDNF1600	BDNF2000	BDNF3150
General purpose amp rating	A	175	200	400	600	800	1200	1600	2000	3150
Approvals ^①										
	2 pole	UL508 & IEC	UL98 & IEC	UL98 & IEC	UL98 & IEC	UL98 & IEC	UL98 & IEC	UL98 & IEC	UL98 & IEC	IEC
	3 pole	UL508 & IEC	UL98 & IEC	UL98 & IEC	UL98 & IEC	UL98 & IEC	UL98 & IEC	UL98 & IEC	UL98 & IEC	IEC
	4 pole	IEC	IEC	IEC	IEC	IEC	IEC	IEC	IEC	IEC
Technical ratings										
UL, CSA^②										
Max operating voltage	V	600	600	600	600	600	600	600	600	600
Max horsepower rating										
Three phase										
200 – 208V	HP	30	60	100	150	200	—	—	—	—
240V	HP	40	75	125	200	250	—	—	—	—
480V	HP	75	150	250	400	500	—	—	—	—
600V	HP	100	200	350	500	600	—	—	—	—
Single phase										
120V	HP	—	—	—	—	—	—	—	—	—
240V	HP	—	—	—	—	—	—	—	—	—
Technical ratings										
IEC^②										
Rated insulation and operational voltage, AC20 and DC20 ^③	V	1000	1000	1000	1000	1000	1000	1000	1000	1000
Rated thermal current, I _m										
AC 20/DC 20 open	A	200	315	630	800	1250	1600	2500	2500	3150
AC 20/DC 20 enclosed	A	200	270	630	720	1250	1600	2300	2300	2600
AC 21A 500V	A	200	250	630	800	1250	1600	2500	2500	3150
690V	A	200	250	630	800	1250	1600	2500	2500	3150
Rated operational power AC23										
400/415V	kW	90	132	315	355	400	400	400	400	400
690V	kW	170	200	355	355	—	—	—	—	—
Physical characteristics										
Weight ^④	3 pole lb	6.61	6.61	13.66	13.66	35.9	38.55	127.7	127.7	127.7
Dimension	3 pole H in	8.35	8.35	11.81	11.77	19.09	19.09	25.04	25.04	25.04
	W in	7.83	8.62	10.24	11.93	14.29	14.29	18.43	18.43	18.43
	D in	4.55	4.55	5.12	5.12	4.92	4.92	10.67	10.67	10.67
Accessories										
Terminal lug kit		BDTL25	BDTL25	BDTL26	BDTL27	BDTL30	BDTL28	BDTL28	BDTL28/2	BDTL28/2
Terminal shroud		•	•	•	•	•	•	—	—	—
Auxiliary contact		•	•	•	•	•	•	•	•	•
Handle UL/NEMA type										
Type 1, 3R, 12		•	•	•	•	•	•	•	•	•
Type 1, 3R, 4, 4X, 12		•	•	•	•	•	•	•	•	•
Handle type										
Selector		—	—	—	—	—	—	—	—	—
Pistol		•	•	•	•	•	•	•	•	•
Conversion kits										
6 pole		•	•	•	•	•	•	—	—	—
Transfer		•	•	•	•	•	•	—	—	—
Bypass		•	•	•	•	•	•	—	—	—
Mechanical interlock		•	•	•	•	•	•	•	•	•
Electrical interlock		•	•	•	•	•	•	•	•	•

S = Standard feature

• = Available

— = Not available

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