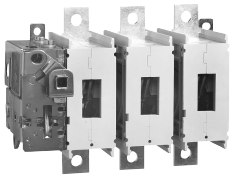
for Non-Fusible Disconnect Switches

For a complete assembly, please select one of each:

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


BDNF200A

+

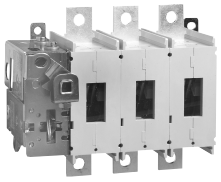
BDS240

+

BDH110

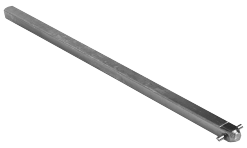
+

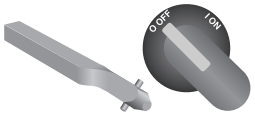
BDTL25


BDNF175A

BDH108

BDH109


BDS__



CDS340T

175 – 200 Amp switches, 600V

UL general purpose amp rating	IEC AC21 Amp rating	Maximum horsepower rating Three phase 200V	208V	240V	480V	600V	Catalog number
2 pole							
175	250	—	—	—	—	—	BDNF175A2
200	250	—	—	—	—	—	BDNF200A2
3 pole							
175	250	30	30	40	75	100	BDNF175A
200	250	60	60	75	150	200	BDNF200A
4 pole							
175	250	30	30	40	75	100	BDNF175A4
200	250	60	60	75	150	200	BDNF200A4

Pistol handles — for use with shafts □ .31 x .31" (□ 8 x 8mm)

NEMA type	IEC type	Color	Length mm	Marking	Defeatable	Padlockable	Weight (lbs)	Catalog number
1,3R,12	IP65	Black	2.6/65	O/I & Off/On	Yes	Yes	0.29	BDH108
1,3R,12	IP65	Red/Yellow	2.6/65	O/I & Off/On	Yes	Yes	0.29	BDH109
1,3R,12	IP65	Black	3.1/80	O/I & Off/On	Yes	Yes	0.30	BDH110
1,3R,12	IP65	Red/Yellow	3.1/80	O/I & Off/On	Yes	Yes	0.30	BDH111
1,3R,4,4X,12	IP66	Black	3.1/80	O/I & Off/On	Yes	Yes	0.30	CDHXB88
1,3R,4,4X,12	IP66	Red/Yellow	3.1/80	O/I & Off/On	Yes	Yes	0.30	CDHXY88

Shafts — for use with pistol handles □ .31 x .31" (□ 8 x 8mm)

Shaft length inches/mm	H	Mounting depth① in inches BDNF175A – BDNF200A	Weight (lbs)	Catalog number
5.5/140		4.7 – 8.7	0.15	BDS140
9.5/240		8.7 – 12.6	0.26	BDS240
13.4/340		12.6 – 16.6	0.36	BDS340
19.5/500		18.9 – 22.9	0.54	BDS500

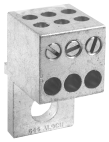
Twisted shafts — Rotates handle 45° □ .31 x .31" (□ 8 x 8mm)

Shaft length inches/mm	H	Mounting depth① in inches BDNF175A – BDNF200A	Weight (lbs)	Catalog number
13.4/340		12.6 – 16.6	0.36	CDS340T

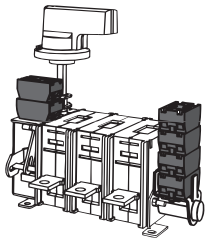
① Mounting depth is the distance from the outside of the door to the disconnect switch mounting plate. Shaft can be cut to desired length.
② Availability to be announced.

for 175A – 200A Non-Fusible Disconnect Switches

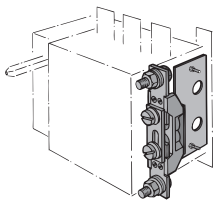
BDTL25



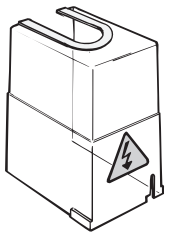
BDTL175



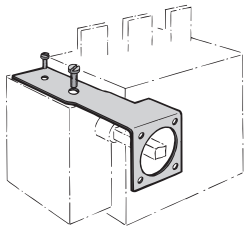
BDAUX12, 13



BDZX129



BDTS2



BDZX131

Terminal lug kits

For use on:	Wire size	Kit weight (lbs.)	Wire type	Terminal lugs per kit	Catalog number
BDNF175A & BDNF200A	#6 – 300 kcmil	0.93	Cu/Al	6	BDTL25
	#6 – 300 kcmil	0.47	Cu/Al	3	BDTL253P
	*(6) #14 – 6	0.55	Cu/Al	3	BDTL175

*A load side distribution lug eliminates the need to purchase, install and wire a separate distribution block.

Auxiliary contacts①

Description*	For use on:	Weight (lbs)	AC thermal amp rating	AC rated voltage	Catalog number
1 N.O. + 1 N.C.	BDNF175A BDNF200A	0.09	10	600	BDAUX12
2 N.O. + 2 N.C.		0.18	10	600	BDAUX13
4 N.O. + 4 N.C.		0.35	10	600	BDAUX16
2 N.O.		0.09	10	600	BDAUX14
4 N.O.		0.18	10	600	BDAUX15
8 N.O.		0.35	10	600	BDAUX17

*Contact configuration when mounted on switch, not shelf state.

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	BDNF175A BDNF200A	0.84	200	600	BDZX129

Terminal shrouds

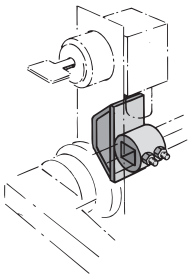
Description	For use on:	Weight (lbs)			Catalog number
Includes one set of 3 shrouds for use on line or load side	BDNF175A BDNF200A	0.40			BDTS2

Handle support bracket

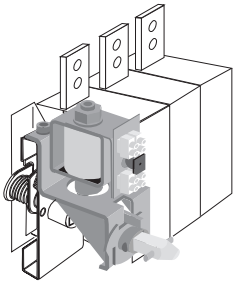
Description	For use on:	Weight (lbs)			Catalog number
Allows handle to be directly mounted to switch behind the door	BDNF175A BDNF200A	0.33			BDZX131

① UL File E57057_____

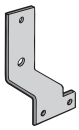
for 175A – 200A Non-Fusible Disconnect Switches



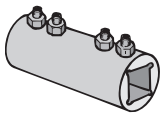
CDETL-ZW16



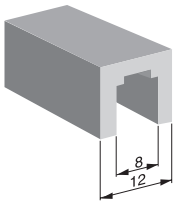
CDETL-ZT 80A



CDETL-ZT140

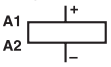


BDZW95



CDZT123

Locking accessories

Description	For use on:	Weight (lbs.)		Catalog number
Cam attachment for Kirk Key, Castell, Lowe & Fletcher and Ronis interlock. For adapting to the interlock system The interlock is not included.	5, 6 & 8mm shafts	0.29		CDETL-ZW16
Electrical interlock① Closed circuit principle for interlocking the switch movement. When the coil circuit is dead, A-types cannot be operated to ON-position and L-types cannot be operated to ON- or OFF-position. Coil voltages 110VAC, 220VAC, 24VDC, 48VDC, 60 VDC, 110VDC, 220VDC, P = 15W U = 0.7 – 1.1 Un (U = coil voltage, Un = nominal voltage) 	BDNF175A – BDNF200A	2.42		CDETL-ZT80A/★ CDETL-ZT80L/★
Mounting bracket	BDNF175A – BDNF200A	0.35		CDETL-ZT140

★ - Coil voltage

Shaft extension coupler

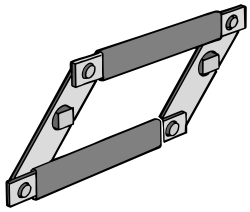
Description	For use on:	Weight (lbs.)		Catalog number
Joins two shafts together for applications where extended length is required	12mm shafts	0.26		BDZW95

Shaft adapter

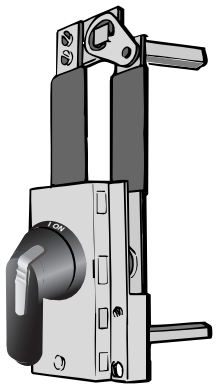
Description	For use on:	Weight (lbs.)		Catalog number
Adapts one end of an 8mm shaft to a 12mm shaft. Use with shaft extension coupler.	8mm shafts	0.20		CDZT123

① CDETL-ZT140 mounting bracket required.

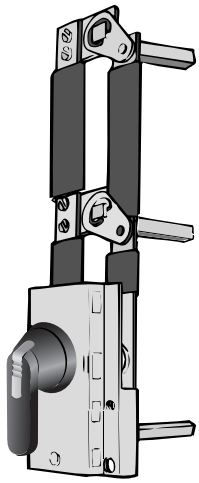
for 175A – 200A Non-Fusible Disconnect Switches



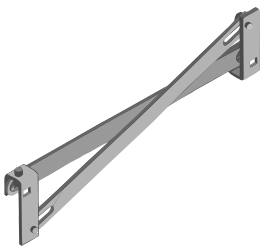
BDZW18



BDZW20



BDZW21



BDZW19

Conversion mechanisms

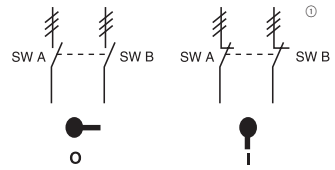
- **Switches are not included**

Description	For use on:	Weight (lbs)		Catalog number
6 or 8 pole		1.61		BDZW18
Transfer		6.17		BDZW20
Transfer	BDNF175A	6.17		BDZW20X
Bypass	BDNF200A	7.27		BDZW21
Bypass		7.27		BDZW21X
Mechanical interlock		4.41		BDZW19

6 or 8 pole — BDZW18

6 (8) pole mechanism allows two switches controlled by one handle to open or close simultaneously. Shafts included.
Equipment required for a complete installation:

- One conversion mechanism
- Two disconnect switches
- One handle



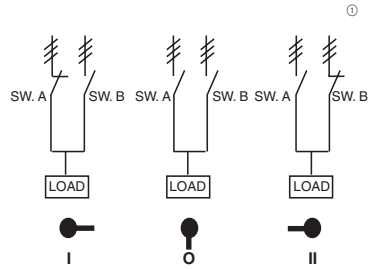
	POS. O	POS.I
SW. A	O	X
SW. B	O	X

X = Closed
O = Open

Transfer — BDZW20

Transfer mechanism manually transfers between two power sources using two switches and a center OFF position.
A 3-position handle is included:
(Type 1, 3R, 12) or
(Type 1, 3R, 4, 4X, 12)
Shafts included. Equipment required for a complete installation:

- One conversion mechanism
- Two disconnect switches



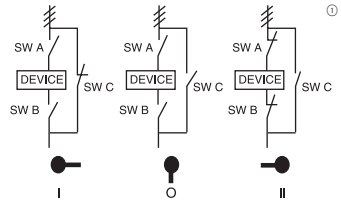
	POS. I	POS.O	POS.II
SW. A	X	O	O
SW. B	O	O	X

X = Closed
O = Open

Bypass — BDZW21

Bypass mechanism operates three switches: Two switches in series and one changeover switch to allow power bypass.
A 3-position handle is included:
(Type 1,3R & 12) or
(Type 1, 3R, 4, 4X, 12)
Shafts included.
Equipment required for a complete installation:

- One conversion mechanism
- Three disconnect switches



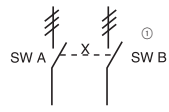
	POS. I	POS.O	POS.II
SW. A	O	O	X
SW. B	O	O	X
SW. C	X	O	O

X = Closed
O = Opean

Mechanical interlock — BDZW19

Mechanical interlock mechanism prevents both switches from being in the ON position at the same time.
Equipment required for a complete installation:

- One conversion mechanism
- Two disconnect switches
- Two handles
- Two shafts



	SW. A POS. I	SW. B POS. I
SW. A	X	O
SW. B	O	X

X = Closed
O = Open

① = Three poles

Mouser Electronics

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