

Disconnect Switches

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Compact Circuit Protector (CCP) Class CC, Midget & 10x38

Up to 30A



Specifications

Description: The revolutionary Cooper Bussmann® CCP is 1/3 the footprint of a circuit breaker. The level of protection provided by the CCP is up to three times the Short-Circuit Current Rating (SCCR) at full voltage than a molded case circuit breaker while providing disconnecting means.

Ratings:

- Box Lug Connection:
 - 18-6AWG single or dual rated, solid or stranded – 75°C or higher - Cu only,
 - 4AWG single – 75°C or higher - Cu only
- Spade Terminal Connection:
 - Max 30A suitable for use with #8-32UNC screw
- Box Lug and Spade Terminal suitable for line, load or accessory connection
- Torque:
 - 18-10AWG 20 lb-in
 - 8-4AWG 35 lb-in
- Lock-out/tag-out:
 - 4mm shank lock or standard pin-out devices
- 35mm DIN Rail Mount
- Local indication minimum operating voltage:
 - 90Vac for AC version
 - 12Vdc for DC version

Agency Information:

- For Class CC fuse version
 - UL 98 Listed, File E302370, Guide WHTY
 - cULus to CSA Standard 22.2 No. 4-04, File 302370, Guide WHTY7
 - CE Compliant
- For UL Midget and 10X38 IEC fuse version
 - UL 508 Listed, File E161278, Guide 8R29
 - cULus Certified 22.2 No. 14-05
 - IEC 60947-3 AC23A
 - IEC 60947-3 DC23A
 - CE Compliant

Features and Benefits:

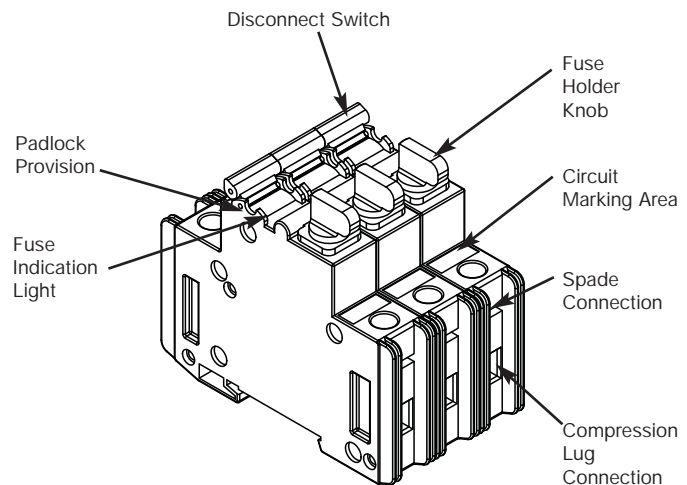
- Extremely compact design at 17.5mm wide per pole
- High Short-Circuit Current Ratings up to 200kA
- Disconnect Rated to provide means for load isolation
- Full Voltage Rated 600Vac or 80Vdc
- UL 98 disconnect rated for protection of branch circuits with Low-Peak® CUBEFuse and Class CC fuses.
- Suitable for Global Installations, the units Complies with UL, CSA, and IEC standards accepting UL Class CC, Class CF Low-Peak CUBEFuse with Class J performance, Midget or IEC aM and gG fuses
- Horsepower rated for protecting motor circuits with CUBEFuse and Class CC units.
- Open Fuse Indication
 - Local fuse indication lights* are standard
 - Optional wired remote open fuse indication can be utilized to signal a PLC and open a contactor to de-energize all phases, if required.
- IP20 finger-safe construction with 10AWG wire or larger
- Built-in switch interlock capability prohibits removing the fuse under load
- Padlockable handle for lock-out/tag-out procedures
- Available in 1-, 2- and 3-pole versions

*Circuit must be closed for indication light to illuminate

Environmental Data:

- RoHS Compliant: Yes
- Storage and Operating Temperature: -20°C to 75°C**
- CE Compliant: Yes

**For fuse performance under or above 25°C, consult fuse performance derating charts in the Cooper Bussmann publication titled Selecting Protective Devices (SPD) reorder #3002.



Data Sheet 1157 and the CCP Application Notes are available at www.cooperbussmann.com/ccp

Class CC & 10x38

Up to 30A

Technical Ratings

| Catalog Number | Poles | Amp Rating | Voltage Rating | Fuse Type | Max. Fuse Ampacity | SCCR | Agency Approvals | Hp Ratings |
|----------------|-------|------------|----------------|------------------------|--------------------|--------|---------------------------------------|------------------------------------|
| CCP-1-30CC | 1 | 30 | 600Vac | Class CC | 30A | 200kA | UL 98 Listed cULus 22.2 No. 4-04 | 0.5Hp@120V |
| CCP-2-30CC | 2 | 30 | 600Vac | Class CC | 30A | 200kA | UL 98 Listed cULus 22.2 No. 4-04 | 2.0Hp@240V |
| CCP-3-30CC | 3 | 30 | 600Vac | Class CC | 30A | 200kA | UL 98 Listed cULus 22.2 No. 4-04 | 3Hp@240V 5Hp@480V 7.5Hp@600V |
| CCP-1-30M | 1 | 30 | 240Vac* UL | UL Midget | 30A | 10kA* | UL 508 Listed cULus 22.2 No. 14-05 | — |
| | | | 400Vac* IEC | 10x38 IEC | 32A aM, 25A gG | 120kA* | IEC 60947-3 AC23A | |
| CCP-2-30M | 2 | 30 | 240Vac* UL | UL Midget | 30A | 10kA* | UL 508 Listed cULus 22.2 No. 14-05 | — |
| | | | 400Vac* IEC | 10x38 IEC | 32A aM, 25A gG | 120kA* | IEC 60947-3 AC23A | |
| CCP-3-30M | 3 | 30 | 240Vac* UL | UL Midget | 30A | 10kA* | UL 508 Listed cULus 22.2 No. 14-05 | — |
| | | | 400Vac* IEC | 10x38 IEC | 32A aM, 25A gG | 120kA* | IEC 60947-3 AC23A | |
| CCP-1-DCC | 1 | 30 | 80Vdc* | Class CC (DC rated) | 30A | 20kA* | UL 98 Listed CSA 22.2 No. 4-04 | — |
| CCP-1-DCM | 1 | 30 | 80Vdc* | UL Midget | 30A | 10kA* | UL 508 Listed cULus 22.2 No. 14-05 | — |
| | | | | 10x38 IEC | 32A aM, 25A gG | | IEC 60947-3 DC23A | |

*Rating may be lower depending on installed fuse. Refer to fuse data sheet.



CCP-AUX



CCP-PLC-IND
(Includes spade terminals)

Accessories

| Catalog Number | Description | Configuration | Signal Output | Minimum Circuit Voltage | Agency Approvals |
|----------------|---------------------------------------------------|---------------|---------------|-------------------------|--------------------------------------------------------------------|
| CCP-AUX | Auxiliary Contacts NO+NC for Switch Status | 1 per CCP | 5A/240Vac | — | UL 98 Recognized and cURus 22.2 No. 4-04, IEC 60947-5-1 AC15 |
| CCP-PLC-IND | Wired Remote Fuse Indication for PLC Applications | 1 per CCP | 24Vdc | 100Vac | UL 98 Recognized and cURus 22.2 No. 4-04 |

Data Sheet 1157 and the CCP Application Notes are available at www.cooperbussmann.com/ccp

For product data sheets, visit www.cooperbussmann.com/datasheets/ulcsa

Compact Circuit Protector (CCP) CUBEFuse®

Up to 100A



Specifications

Description: The revolutionary Cooper Bussmann® CCP is 1/3 the footprint of a circuit breaker. The level of protection provided by the CCP is up to three times the Short-Circuit Current Rating (SCCR) at full voltage than a molded case circuit breaker while providing disconnecting means.

Ratings:

- Box Lug Connection: 18-6 AWG single or dual rated, solid or stranded – 75°C or higher - Cu only, 4 AWG single – 75°C or higher - Cu only.
- Spade Terminal Connection: Max. 30A suitable for use with #8-32 UNC screw.
- Box Lug and Spade Terminal suitable for line, load or accessory connection.
- Torque 0-60A: 18-10 AWG 20 lb-In
8-4 AWG 35 lb-In.
- Torque 100A: 18-10 AWG Single 25 lb-In
8-2 AWG Single 35 lb-In
1 AWG Single 40 lb-In
6 AWG Dual 45 lb-In
- Lockout/tagout: 4mm shank lock or standard pin-out devices.
- 35mm DIN rail mount.
- Local indication minimum operating voltage: 90Vac/115Vdc.

Agency Information:

UL 98 Listed, File E302370, Guide WHTY
cULus to CSA Standard 22.2 No. 4-04, File 302370, Guide WHTY7
CE Compliant

Environmental Data:

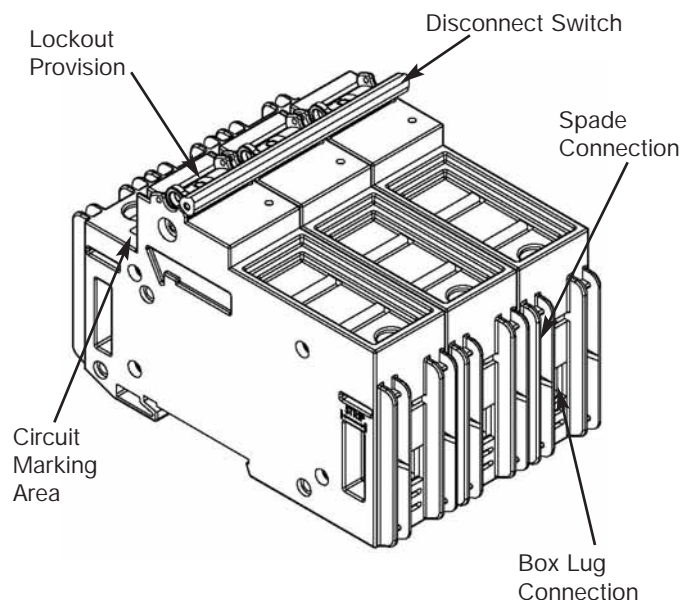
Storage and operating temperature: -20°C to 75°C**

**For fuse performance under or above 25°C, consult fuse performance derating charts in the Cooper Bussmann publication titled Selecting Protective Devices (SPD) reorder #3002.

Features and Benefits:

- Uses finger-safe Class CF Low-Peak® CUBEFuse® with Class J performance
- Extremely compact design at 25.4mm (1 inch) wide per pole
- High Short-Circuit Current Ratings at 200kA
- Disconnect rated to provide means for load isolation
- Full voltage rated at 600Vac
- UL 98 Listed and suitable for branch circuit disconnect and branch circuit protection
- 1-, 2- and 3-pole versions are horsepower rated
- Complies with UL and CSA
- Open Fuse Indication:
 - Local fuse indication lights* are standard
 - Optional wired remote open fuse indication can be utilized to signal a PLC and open a contactor to de-energize all phases, if required
- Additional open fuse indication can be provided by the CUBEFuse®
- IP20 finger-safe construction with 10 AWG wire or larger
- Built-in switch interlock capability prohibits removing the fuse under load
- Padlockable handle for lockout/tagout procedures

*Circuit must be closed for indication light to illuminate



Data Sheet 1157 and the CCP Application Notes are available at www.cooperbussmann.com/ccp

Compact Circuit Protector (CCP) CUBEFuse®

Up to 100A

Technical Ratings

| Catalog Number | Poles | Amp Rating | Voltage Rating | Fuse Type | Max. Fuse Ampacity | SCCR | Agency Approvals | Hp Ratings |
|----------------|-------|------------|-------------------|--------------------|--------------------|-------|-------------------------------------|--------------------------------------|
| CCP-1-30CF | 1 | 30 | 600Vac/ 125Vdc | Class CF CUBEFuse* | 30A | 200kA | UL 98 Listed cULus 22.2 No. 4-04 | 1.5Hp@120V |
| CCP-2-30CF | 2 | 30 | 600Vac/ 125Vdc | Class CF CUBEFuse* | 30A | 200kA | UL 98 Listed cULus 22.2 No. 4-04 | 3.0Hp@240V |
| CCP-3-30CF | 3 | 30 | 600Vac/ 125Vdc | Class CF CUBEFuse* | 30A | 200kA | UL 98 Listed cULus 22.2 No. 4-04 | 5Hp@240V 15Hp@480V 10Hp@600V |
| CCP-1-60CF | 1 | 60 | 600Vac/ 125Vdc | Class CF CUBEFuse* | 60A | 200kA | UL 98 Listed cULus 22.2 No. 4-04 | 3.0Hp@120V |
| CCP-2-60CF | 2 | 60 | 600Vac/ 125Vdc | Class CF CUBEFuse* | 60A | 200kA | UL 98 Listed cULus 22.2 No. 4-04 | 7.5Hp@240V |
| CCP-3-60CF | 3 | 60 | 600Vac/ 125Vdc | Class CF CUBEFuse* | 60A | 200kA | UL 98 Listed cULus 22.2 No. 4-04 | 7.5Hp@240V 20Hp@480V 10Hp@600V |
| CCP-1-100CF | 1 | 100 | 600Vac | Class CF CUBEFuse* | 100A | 200kA | UL 98 Listed cULus 22.2 No. 4-04 | 5Hp@120V |
| CCP-2-100CF | 2 | 100 | 600Vac | Class CF CUBEFuse* | 100A | 200kA | UL 98 Listed cULus 22.2 No. 4-04 | 10Hp@240V |
| CCP-3-100CF | 3 | 100 | 600Vac | Class CF CUBEFuse* | 100A | 200kA | UL 98 Listed cULus 22.2 No. 4-04 | 20Hp@240V 50Hp@480V 50Hp@600V |

*Class J performance.

Fused, Dead Front Disconnect Switches

15149 Series

Specifications

Description: Fused, dead front disconnect switches

Ratings:

- Volts: — 600Vac
- Amps: — 0-30A
- SCCR: — 200kA RMS Sym.
- Dielectric SCCR: 2200V
- Motor Rating: 5Hp
- Poles: 2 to 3

Agency Information: UL Recognized, file E116716 for General Industrial installations. Guide WFXV2. CSA certified, file LR37129-6. Examined under the new proposed standard UL 1429 which imparts a stricter set of test conditions than the former program that combined the applicable portions for UL 512 (Fuse Holders) and UL 98 (Enclosed Switches).



Features and Benefits

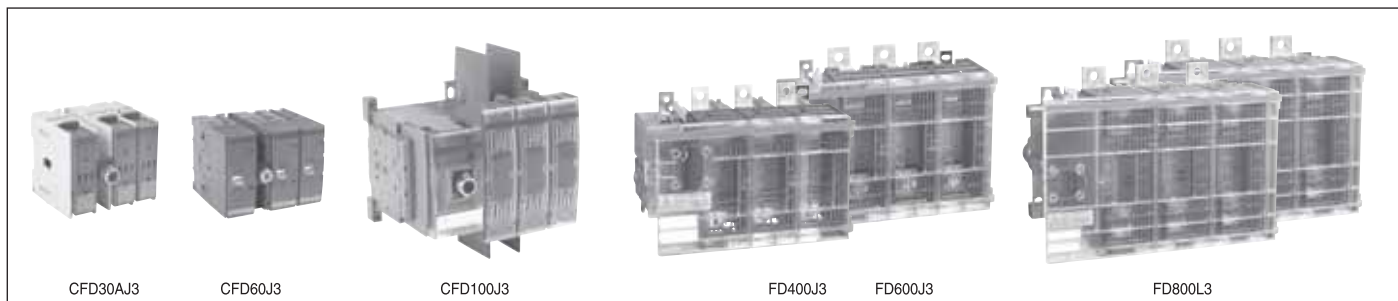
- Fuse holders in the pull-out head eliminate possibility of electric shock while changing fuse.
- Accepts Class J fuses

Ordering Information

To order, specify: 15149 + number of poles.
Example: 15149-2 = 2-pole device.

Overview for Fusible Disconnect Switches

CFD30CC3 – FD800L3



| Catalog number | 3 pole | CFD30ACC3 | CFD30AJ3 | CFD60J3 | CFD100J3 | CFD200J03 | FD400J3 | FD600J3 | FD800L3 |
|----------------------------------------------------------------------|----------------------------|---------------------------------|---------------------------------|---------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|
| General purpose amp rating | A | 30 | 30 | 60 | 100 | 200 | 400 | 600 | 800 |
| Approvals[®] | 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 |
| Technical ratings (UL, cULus) | | | | | | | | | |
| 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 | J,T | J,T | L |
| Technical ratings (IEC) | | | | | | | | | |
| Rated insulation and operational voltage, AC20 and DC20 [®] | | 1000 | 1000 | 750 | 750 | 1000 | 1000 | 1000 | 1000 |
| Rated thermal current, I _n | | | | | | | | | |
| AC 20/DC 20 open | A | 32 | 32 | 63 | 125 | 200 | 400 | 630 | 800 |
| AC 20/DC 20 enclosed | A | 32 | 32 | 63 | 125 | 200 | 400 | 600 | 720 |
| AC 21A | | | | | | | | | |
| 500V | A | 32 | 32 | 63 | 125 | 200 | 400 | 630 | 800 |
| 690V | A | 32 | 32 | 63 | 125 | 200 | 400 | 630 | 800 |
| Rated operational power AC23 | | | | | | | | | |
| 400/415V | kW | 14/15 | 14/15 | 30 | 80/90 | 110 | 210/230 | 315/340 | 350/380 |
| 690V | kW | 25 | 25 | 60 | 132 | 200 | 330 | 540 | 600 |
| Physical characteristics | | | | | | | | | |
| Weight | | | | | | | | | |
| 3 pole switch | lb | 1.54 | 1.54 | 2.86 | 3.30 | 5.9 | 17.2 | 37.48 | 37.48 |
| 4 pole | lb | 1.98 | 1.98 | 3.52 | 3.96 | 7.5 | 19.4 | 46.3 | 46.3 |
| Dimension | | | | | | | | | |
| 3 pole | | | | | | | | | |
| H | in | 3.82 | 3.82 | 3.94 | 5.66 | 6.5 | 7.87 | 11.42 | 11.42 |
| W | in | 4.17 | 4.17 | 5.63 | 7.06 | 7.1 | 11.22 | 14.69 | 14.69 |
| D | in | 4.21 | 4.21 | 5.04 | 5.09 | 5.2 | 8.11 | 9.21 | 9.21 |
| Accessories | | | | | | | | | |
| 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 | CDTL200 | 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 | | • | • | • | • | • | • | • | • |
| Electrical interlock | | — | — | — | — | • | • | • | • |

S = Standard
• = Available

UL Listed, cULus approved, IEC rated, CE marked

30A Fusible Disconnect Switches Base & DIN Rail Mounted

UL Fuse Class J, CC

For a complete assembly,
please select one of each:

- 1 switch
- 1 handle
- 1 shaft



CFD30AJ3



BDS_



CDH3S



CFD30AJ3



CBDH3S, 5S



CBDH4S, 6S



BDS_

30 Amp switches, 600V

| UL general purpose amp rating | UL Fuse type 600V | Maximum horsepower rating | | | | | Terminal lugs | | Catalog number |
|-------------------------------|-------------------|---------------------------|------|------|------|------|---------------|-----------|----------------|
| | | Three phase | | | | | Wire size | Wire type | |
| | | 200V | 208V | 240V | 480V | 600V | | | |
| 3 pole | | | | | | | | | |
| 30 | J | 5 | 7.5 | 7.5 | 15 | 20 | #18 – 8 | Cu | CFD30AJ3 |
| 30 [Ⓢ] | CC | 5 | 7.5 | 7.5 | 15 | 20 | #18 – 8 | Cu | CFD30ACC3 |
| 4 pole | | | | | | | | | |
| 30 | J | 5 | 7.5 | 7.5 | 15 | 20 | #18 – 8 | Cu | CFD30AJ4 |
| 30 [Ⓢ] | CC | 5 | 7.5 | 7.5 | 15 | 20 | #18 – 8 | Cu | CFD30ACC4 |

Selector handles — for use with shafts .24 x .24" (6 x 6 mm)

| NEMA type | IEC type | Color | Defeatable | Padlockable | Weight (lbs.) | Catalog number |
|-----------------------------------------|----------|------------|------------|-------------|---------------|----------------|
| All marked both O/I & Off/On | | | | | | |
| 1,3R,12 | IP65 | Black | — | Yes | 0.16 | CBDH3S |
| 1,3R,12 | IP65 | Red/Yellow | — | Yes | 0.16 | CBDH4S |
| 1,3R,12 | IP65 | Black | Yes | Yes | 0.16 | CBDH5S |
| 1,3R,12 | IP65 | Red/Yellow | Yes | Yes | 0.16 | CBDH6S |

Shafts — for use with CBDH selector handles .24 x .24" (6 x 6 mm)

| Shaft length (inches/mm) | Mounting depth (inches) | Weight (lbs.) | Catalog number |
|--------------------------|-------------------------|---------------|----------------|
| 3.3/85 | 5.5 – 5.7 | 0.04 | BDS85S |
| 4.1/105 | 5.5 – 6.5 | 0.04 | BDS105S |
| 4.7/120 | 5.5 – 7.1 | 0.05 | BDS120S |
| 5.1/130 | 5.5 – 7.5 | 0.05 | BDS130S |
| 7.1/180 | 6.3 – 9.4 | 0.08 | BDS180S |
| 9.8/250 | 9.1 – 12.2 | 0.10 | BDS250S |
| 13.0/330 | 12.2 – 15.4 | 0.14 | BDS330S |

[Ⓢ] Rejection style fuses only.

Handles & Shafts for 30A Fusible Disconnect Switches

For a complete assembly,
please select one of each:

- 1 switch
- 1 handle
- 1 shaft



CFD30AJ3



BDS_



BDH59

Pistol handles — for use with shafts .24 x .24" (6 x 6 mm)

| 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 | BDH56 |
| 1,3R,12 | IP65 | Red/Yellow | O/I & Off/On | 1.8/45 | Yes | Yes | 0.28 | BDH57 |
| 1,3R,12 | IP65 | Black | O/I & Off/On | 2.6/65 | Yes | Yes | 0.29 | BDH58 |
| 1,3R,12 | IP65 | Red/Yellow | O/I & Off/On | 2.6/65 | Yes | Yes | 0.29 | BDH59 |
| 1,3R,4,4X,12 | IP65 | Black | O/I & Off/On | 2.6/65 | Yes | Yes | 0.29 | CDHXB65L6 |
| 1,3R,4,4X,12 | IP65 | Red/Yellow | O/I & Off/On | 2.6/65 | Yes | Yes | 0.29 | CDHXY65L6 |
| 1,3R,12 | IP65 | Black | Off/On/Test | 2.6/65 | Yes | Yes | 0.29 | BDH58T |
| 1,3R,12 | IP65 | Red/Yellow | Off/On/Test | 2.6/65 | Yes | Yes | 0.29 | BDH59T |



BDH56, BDH58



BDH57, BDH59



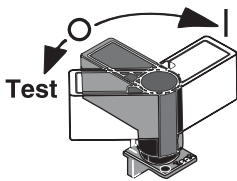
BDS_

Shafts — for use with pistol handles .24 x .24" (6 x 6 mm)

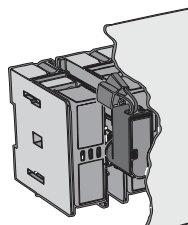
| Shaft length (inches/mm) | Mounting depth (in inches) | Weight (lbs.) | Catalog number |
|--------------------------|----------------------------|---------------|----------------|
| 5.9/150 | 4.9 – 8.9 | 0.07 | BDS150 |
| 6.7/170 | 5.9 – 9.7 | 0.08 | BDS170 |
| 10.4/265 | 9.5 – 13.4 | 0.12 | BDS265 |
| 15.8/400 | 15.0 – 18.7 | 0.18 | BDS400 |
| 19.7/500 | 20.5 – 22.6 | 0.23 | BDS500 |

Direct mount handle — mounts directly to switch, no shaft necessary

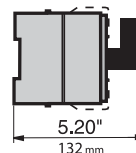
| NEMA type | Color | Marking | Length mm | Padlockable | Weight (lbs.) | Catalog number |
|-----------|-------|----------|-----------|-------------|---------------|----------------|
| 1 | Blk | O/I/Test | 50 | Yes | 0.10 | BDHA79 |



BDHA79



BDHA79 Mounted

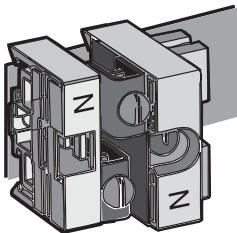


5.20"/132mm
BDHA79 Mounted depth

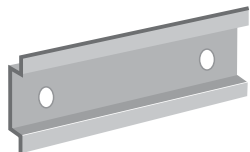
Accessories for 30A Fusible Disconnect Switches



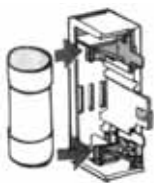
CFD30AJ3 with auxiliaries



CFDZX171



NDNA100



BDZD48



CXBY67121

Auxiliary contacts[®]

| Description | For use on: | Weight (lbs) | AC thermal amp rating | AC rated voltage | Catalog number |
|---------------------------------------|-----------------------------------------|--------------|-----------------------|------------------|---------------------|
| Form C 1 N.O. & 1 N.C. (2 maximum) | CFD30_ for direct mounting to switch | 0.04 | 6 | 250 | BDAUX157 |
| 1 N.O. 1 N.C. (6 maximum) | CFD30_ CDAUXB mounting base required | 0.03 | NEMA A600,P600 | | CDAUX10 CDAUX01K |

Mounting base

| Description | For use with: | Weight (lbs) | | Catalog number |
|---------------|-------------------|--------------|--|----------------|
| Mounting base | CDAUX10, CDAUX01K | 0.08 | | CDAUXB |

Terminal pole

| 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 | CFD30_ | 0.45 | 30 | 600 | CFDZX171 |

DIN rail

| Description | For use on: | Weight (lbs.) | Length inches/mm | Catalog number |
|------------------------|-------------|---------------|------------------|----------------|
| 35mm DIN Rail | CFD30_ | .38 | 39.4/1000 | NDNA100 |
| 35mm Aluminum DIN Rail | CFD30_ | .75 | 78.8/2000 | NDNA200 |

Fuse Carriers (Replacement Parts)

| Description | For use on: | | Catalog number |
|---------------------|-------------|--|----------------|
| CC fuse carrier | BDCF30CC_ | | BDZD48 |
| J fuse carrier | BDCF30J_ | | BDZD28 |
| Class CC Solid link | CFD30_ | | NNB-R |

Terminal cover (replacement part)

| Description | For use on: | | Catalog number |
|------------------------------------|-------------|--|----------------|
| Covers terminal below fuse carrier | CFD30_ | | CDBY67121 |

® UL File # E83510

60A – 100A for Fusible Disconnect Switches

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 | |
| 3 pole | | | | | | | 3 pole |
| 60 | J | 15 | 15 | 15 | 30 | 50 | CFD60J3 |
| 100 | J | 25 | 25 | 30 | 60 | 75 | CFD100J3 |
| 4 pole | | | | | | | 4 pole |
| 60 | J | 15 | 15 | 15 | 30 | 50 | CFD60J4 |
| 100 | J | 25 | 25 | 30 | 60 | 75 | CFD100J4 |

Pistol handles — $\square .24 \times .24"$ ($\square 6 \times 6\text{mm}$)

| NEMA/UL type | IEC type | Color | Length in/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 — $\square .24 \times .24"$ ($\square 6 \times 6\text{mm}$)

| Shaft length (inches/mm) | Mounting depth (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° $\square .24 \times .24"$ ($\square 6 \times 6\text{mm}$)

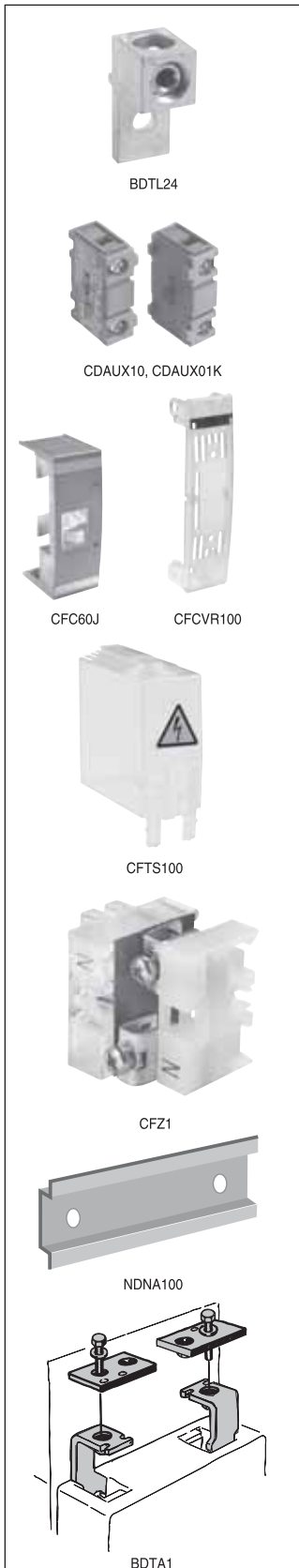
| Shaft length (inches/mm) | Mounting depth (inches) | Weight (lbs.) | Catalog number |
|--------------------------|-------------------------|---------------|----------------|
| 5.1/130 | 4.8 – 7.8 | 0.08 | BDST4 |
| 8.3/210 | 8.0 – 11.0 | 0.13 | BDST25 |
| 11.4/290 | 11.0 – 14.0 | 0.18 | BDST29 |
| 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 mm | Padlockable | Weight (lbs.) | Catalog number |
|-----------|-------|----------|-----------|-------------|---------------|----------------|
| 1 | Black | O/I/Test | 50 | Yes | 0.10 | CDH4 |



Accessories for 60A – 100A Fusible Disconnect Switches



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 |

Auxiliary contacts

| Description | For use on: | Weight (lbs) | AC thermal amp rating | AC rated voltage | Catalog number |
|------------------|----------------|--------------|-----------------------|------------------|---------------------|
| 1 N.O. 1 N.C. | CFD60 – CFD100 | 0.07 0.07 | 10 10 | 600 600 | CDAUX10 CDAUX01K |

Replacement fuse clip

| Description | For use on: | Catalog number |
|------------------------|-------------|----------------|
| Removable fuse carrier | CFD60 | CFC60J |

Replacement fuse covers

| Description | For use on: | Catalog number |
|------------------------|-------------|----------------|
| Transparent fuse cover | CFD100 | CFCVR100 |

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 |

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 |

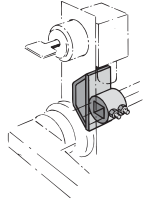
DIN rail

| 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 |

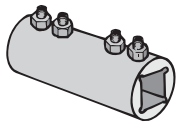
“T” type fuse adapter kit

| Description | For use on: | Catalog number |
|-------------|-------------|----------------|
| 100A, 600V | CFD100 | BDTA1 |

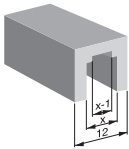
Accessories for 60A – 100A Fusible Disconnect Switches



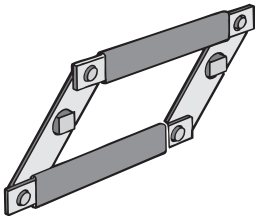
CDETL-ZW16



BDZX167
BDZW95



CDZK19
(X=6MM)



BDZW2

Locking accessories

| Description | For use on: | Weight (lbs) | Catalog number |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------|----------------|
| Cam attachment for Kirk Key, Castell, Lowe & Fletcher and Ronis interlock. Cam attachment for adapting to the interlock system. The interlock is not included. | CFD60 – CFD100 | 0.25 | CDETL-ZW16 |

Shaft extension coupler

| Description | For use on: | Weight (lbs) | Catalog number |
|------------------------------------------------------------------------------|-------------|--------------|-------------------|
| Joins two shafts together for applications where extended length is required | 6mm shafts | 0.26 | BDZX167 BDZW95 |
| | 12mm shafts | 0.26 | |

Shaft adapter

| Description | For use on: | Weight (lbs) | Catalog number |
|-------------------------------------------------------------------------|-------------|--------------|----------------|
| Adapts one end of a 6mm shaft to 12mm. Use with shaft extension coupler | 6mm shafts | 0.20 | CDZK19 |

Conversion mechanisms

- Switches are not included

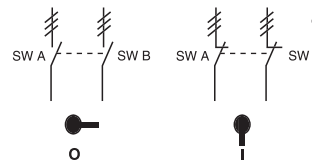
| Description | For use on: | Weight (lbs) | Catalog number |
|----------------------|----------------|--------------|----------------|
| 6 and 8 pole | CFD60 – CFD100 | 1.52 | BDZW2 |
| Mechanical interlock | CFD60 – CFD100 | 0.55 | BDZW10 |

6 or 8 pole — BDZW2

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

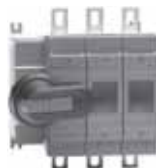
① ≡ Three poles

200A 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



CFD200J03



BDS210



BDH58



CDTL200



BDH58,60



BDH58,61



BDS_



BDST_

200 Amp Switches, 600V

| UL general purpose amp rating | UL fuse type 600V | Maximum horsepower rating | | | | | Catalog number |
|-------------------------------|-------------------|---------------------------|------|------|------|------|----------------|
| | | Three phase | | | | | |
| | | 200V | 208V | 240V | 480V | 600V | |
| 3 pole | | | | | | | |
| 200 | J | 50 | 50 | 60 | 125 | 150 | CFD200J03 |
| 4 pole | | | | | | | |
| 200 | J | 50 | 50 | 60 | 125 | 150 | CFD200J04 |

Pistol handles - $\square .24 \times .24''$ ($\square 6 \times 6\text{mm}$)

| UL/NEMA 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,1 | 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 - $\square .24 \times .24''$ ($\square 6 \times 6\text{mm}$)

| Shaft length (inches/mm) | Mounting dept (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° $\square .24 \times .24''$ ($\square 6 \times 6\text{mm}$)

| Shaft length (inches/mm) | Mounting dept (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 |

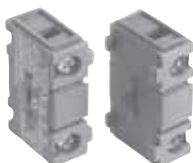
Direct mount handle - mounts directly to switch, no shaft necessary

| Nema Type | Color | Marking | Padlockable | (lbs) | Catalog number |
|-----------|---------|---------|-------------|-------|----------------|
| 1 | Black | O/I | Yes | 0.1 | CDHSB20 |
| 1 | Red/Yel | O/I | Yes | 0.3 | CDHSY20 |

Accessories for 200A Fusible Disconnect Switches



CDTL200



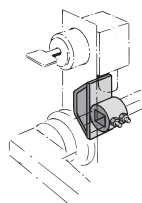
CDAUX10, CDAUX01K



CDSS200S3



CDSS200L3



CDETL-ZW16

Terminal Lug Kits

| For use on: | Wire Size | Wire Type | Description | Terminal lugs per kit | Weight (lbs) | Catalog number |
|-------------|-----------------------------|-----------|------------------|-----------------------|--------------|-----------------------|
| CFD200J03 | #4-300kcmil | | --- | 6 | 0.5 | CDTL200 |
| CFD200J04 | #4-300kcmil (6) 14-6 AWG | Cu/Al | Distribution lug | 3 | 0.25 | CDTL200/3P CDTL206 |

Auxiliary Contacts

| Description | For use on: | Weight (lbs) | Catalog number |
|------------------|----------------------|--------------|---------------------|
| 1 N.O. 1 N.C. | CFD200J03, CFD200J04 | 0.07 0.07 | CDAUX10 CDAUX01K |

Module for auxiliary contacts

| Description | Weight (lbs) | Catalog number |
|-----------------------------------------------|--------------|----------------|
| Screw mounting to the left side of the switch | 0.1 | CDAUXM28 |

Mounting on the left side of the switch: Max. 8 auxiliary contact blocks with the CDAUXM28
Mounting under the mechanism cover: Max. 4 auxiliary contact blocks

Replacement parts

| Description | For use on: | Catalog number |
|-----------------------------|----------------------------|---------------------|
| Fuse cover Phase barrier | CFD200J03 and CFD200J04 | CFCVR200 CPBR200 |

Terminal

| For use on: | Description | Number of poles | Weight (lbs) | Catalog number |
|-------------------------|-------------|-----------------|--------------|----------------|
| CFD200J03 and CFD200J04 | Long type | 3 | 0.2 | CDSS200L3 |
| | Short type | 3 | 0.13 | CDSS200S3 |
| | Long type | 4 | 0.26 | CDSS200L4 |
| | Short type | 4 | 0.18 | CDSS200S4 |

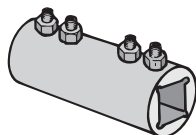
Terminal poles

| Description | Weight (lbs) | AC thermal amp rating | AC rated voltage | Catalog number |
|----------------------------------------------------|--------------|-----------------------|------------------|----------------|
| Detachable neutral mounts on side of switch or DIN | 0.88 | 200 | 600 | CDD200P |

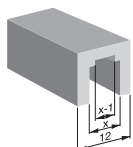
Locking accessories

| Description | Weight (lbs) | Catalog number |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------|
| Cam attachment for Kirk Key, Castell, Lowe & Fletcher and Ronis interlock. Cam attachment for adapting to the interlock system. The interlock is not included. | 0.25 | CDETL-ZW16 |

Accessories for 200A Fusible Disconnect Switches



BDZX167, BDZW95



CDZK19
(X=6mm)



BDZW2

Shaft extension coupler

| Description | For use on: | Weight (lbs) | Catalog number |
|------------------------------------------------------------------------------|---------------------------|--------------|-------------------|
| Joins two shafts together for applications where extended length is required | 6mm shafts 12mm shafts | 0.26 | BDZX167 BDZX95 |

Shaft adapter

| Description | For use on: | Catalog number |
|--------------------------------------------------------------------------|-------------|----------------|
| Adapts one end of a 6mm shaft to 12mm. Use with shaft extension coupler. | 6mm shafts | CDZK19 |

Conversion mechanisms

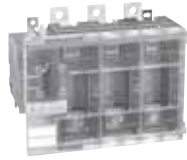
| Description | Weight (lbs) | UL/NEMA type | Catalog number |
|--------------|--------------|--------------|----------------|
| 6 and 8 pole | 1.52 | ----- | BDZW2 |

400A – 800A 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



FD400J3



BDS280



BDH114



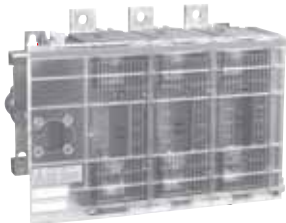
BDTL26

400 – 800 Amp switches, 600V

| UL general purpose amp rating | UL Fuse type 600V | Maximum horsepower rating | | | | | Catalog number |
|-------------------------------|-------------------|---------------------------|------|------|------|------|----------------|
| | | Three phase | | | | | |
| | | 200V | 208V | 240V | 480V | 600V | |
| 2 pole | | | | | | | 2 pole |
| 400 | J [Ⓟ] | — | — | — | — | — | FD400J2 |
| 600 | J [Ⓟ] | — | — | — | — | — | FD600J2 |
| 800 | L | — | — | — | — | — | FD800L2 |
| 3 pole | | | | | | | 3 pole |
| 400 | J [Ⓟ] | 100 | 125 | 125 | 250 | 350 | FD400J3 |
| 600 | J [Ⓟ] | 150 | 150 | 200 | 400 | 500 | FD600J3 |
| 800 | L | 200 | 200 | 250 | 500 | 600 | FD800L3 |
| 4 pole | | | | | | | 4 pole |
| 400 | J [Ⓟ] | 100 | 125 | 125 | 250 | 350 | FD400J4 |
| 600 | J [Ⓟ] | 150 | 150 | 200 | 400 | 500 | FD600J4 |
| 800 | L | 200 | 200 | 250 | 500 | 600 | FD800L4 |



FD400J3



FD600J3
FD800L3



BDH112



BDH113

Pistol handles — □ .47 x .47" (□ 12 x 12mm)


| 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/Yel | 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/Yel | 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/Yel | 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/Yel | 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/Yel | 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" fuse clips are desired, please order a "T" type fuse adapter kit.


Accessories for 400A – 800A Fusible Disconnect Switches



Shafts — □ .47 x .47" (□ 12 x 12mm)

| Shaft length |  Mounting depth ^① in inches | Weight | Catalog |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------|--------|---------|
| For use on FD400J_ | | | |
| 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 |
| For use on FD600J_ – FD800J_ | | | |
| 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 12mm)

| Shaft length (inches/mm) |  Mounting depth (inches) | Weight (lbs.) | Catalog number |
|-------------------------------------|------------------------------------------------------------------------------------------------------------|---------------|----------------|
| For use on FD400J_ | | | |
| 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 |
| For use on FD600J_ – FD800J_ | | | |
| 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 |

Terminal lug kit

| For use on: | Wire size | Kit weight (lbs) | Wire type | Terminal lugs per kit | Catalog number |
|-------------------|-------------------|------------------|-----------|-----------------------|----------------|
| FD400J_ | #2 – 600 kcmil | 3.50 | Cu/Al | 6 | BDTL26 |
| FD600J_ – FD800L | (12)#14-6 | 1.10 | Cu/Al | 3 | BDTL175/400 |
| FD600J_ & FD800L_ | (2)#2 – 600 kcmil | 4.62 | Cu/Al | 6 | BDTL27 |

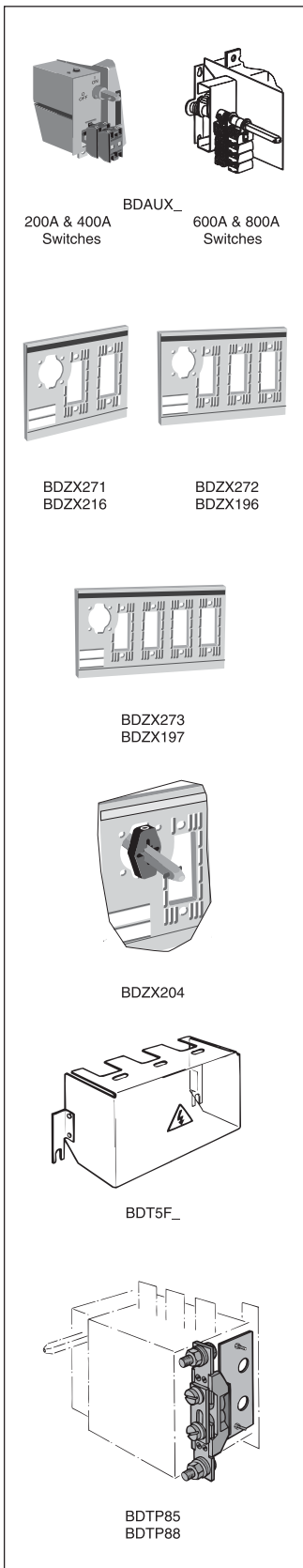
“T” type fuse adapter kit

| For use on: | AC thermal amp rating | AC rated voltage | Poles | Catalog number |
|-------------|-----------------------|------------------|-------|----------------|
| FD400J_ | 400 | 600 | 3 | BDTA4 |
| FD600J_ | 600 | 600 | 3 | BDTA6 |

^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.

Disconnect Switches

Accessories for 400A – 800A Fusible Disconnect Switches



Auxiliary contacts®

| Description | For use on: | Weight (lbs) | AC thermal amp rating | AC rated voltage | Catalog number |
|-----------------|------------------|--------------|-----------------------|------------------|----------------|
| 1 N.O. + 1 N.C. | FD400 – FD800 | 0.20 | 10 | 600 | BDAUX1 |
| 2 N.O. + 2 N.C. | | 0.26 | 10 | 600 | BDAUX2 |
| 4 N.O. + 4 N.C. | | 0.40 | 10 | 600 | BDAUX3 |
| 2 N.O. | | 0.18 | 10 | 600 | BDAUX4 |
| 4 N.O. | | 0.25 | 10 | 600 | BDAUX5 |
| 8 N.O. | | 0.40 | 10 | 600 | BDAUX6 |

Fuse covers (replacement part)

| Description | For use on: | Weight (lbs) | Catalog number |
|-------------|------------------|--------------|----------------|
| 2 pole | FD400 | 0.30 | BDZX271 |
| 3 pole | | 0.40 | BDZX272 |
| 4 pole | | 0.53 | BDZX273 |
| 2 pole | FD600 – FD800 | 0.40 | BDZX216 |
| 3 pole | | 0.50 | BDZX196 |
| 4 pole | | 0.67 | BDZX197 |

Fuse cover interlock

| Description | For use on: | Catalog number |
|---------------------------------------------------------------------------------|-----------------|----------------|
| Prevents the fuse cover from being opened when the switch is in the ON position | FD400- FD800 | BDZX204 |

Terminal shroud

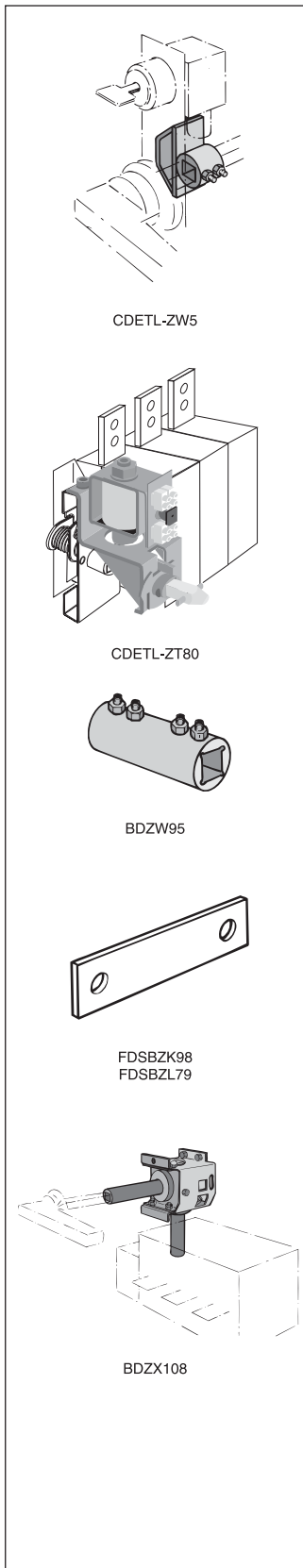
| Description | For use on: | Weight (lbs) | Catalog number |
|----------------------------------------------------|---------------|--------------|----------------|
| Includes one terminal shroud for line or load side | FD400 | 0.13 | BDT5F4 |
| | FD600 – FD800 | 0.11 | BDT5F6 |

Terminal pole

| 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 | FD400 | 1.04 | 400 | 600 | BDTP85 |
| | FD600 – FD800 | 1.19 | 800 | 600 | BDTP88 |

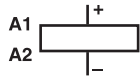
① UL file #E57057

Accessories for 400A – 800A Fusible Disconnect Switches



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. | FD400 – FD800 | 0.29 | CDETL-ZW5 |
| Electrical interlock 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 | FD600 – FD800 | 2.42 | CDETL-ZT80A CDETL-ZT80L |



H - 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 |

Shorting bars

| Description | For use on: | AC thermal amp rating | AC rated voltage | Catalog number |
|----------------------------|------------------|-----------------------|------------------|----------------|
| Solid links (1 per kit) | FD400 | 400 | 600 | FDSBZK98 |
| | FD600 – FD800 | 800 | 600 | FDSBZL79 |

90° angle kit

| Description | For use on: | Weight (lbs) | Catalog number |
|------------------------------------------------------------------|------------------|--------------|----------------|
| Converts switch mechanism from front operation to side operation | FD400 – FD800 | 4.63 | BDZX108 |

Side Operated Fusible Disconnect Switches for 30A – 400A

UL Fuse Class J, CC, T

For a complete assembly, please select one of each:

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



CFD30AJ3S

+



BDS170

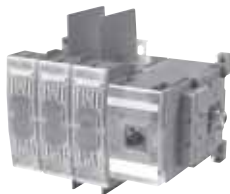
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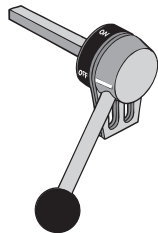
BDH59SH



CFD60J3S



CFD100J3S



BDZX74



BDS325



BDTL25

Side operated switches — 3 pole

| UL general purpose amp rating | UL fuse type 600V | Maximum horsepower rating | | | | | Weight (lbs) | Catalog number |
|-------------------------------|-------------------|---------------------------|------|------|------|------|--------------|----------------|
| | | Three phase | | | | | | |
| | | 200V | 208V | 240V | 480V | 600V | | |
| 30 | J | 5 | 7.5 | 7.5 | 15 | 20 | 1.54 | CFD30AJ3S |
| 30 | CC | 5 | 7.5 | 7.5 | 15 | 20 | 1.54 | CFD30ACC3S |
| 60 | J | 15 | 15 | 15 | 30 | 50 | 3.52 | CFD60J3S |
| 100 | J [Ⓧ] | 25 | 25 | 30 | 60 | 75 | 3.97 | CFD100J3S |
| 200 | J [Ⓧ] | 50 | 50 | 60 | 125 | 150 | 15.21 | FD200J3-S |
| 400 | J [Ⓧ] | 100 | 125 | 125 | 250 | 350 | 17.20 | FD400J3-S |

Handles

| NEMA type | IEC type | Color | Length inches/mm | Marking | Defeatable | Padlockable | Weight | Catalog number |
|-----------------------------------------------|----------|------------|------------------|-------------|------------|-------------|--------|----------------|
| For use with CFD30J3S & CFD30CC3S | | | | | | | | |
| 1, 3R, 12 | IP65 | Black | 2.6/65 | OFF/ON/TEST | Yes | Yes | 0.29 | BDH58SH |
| 1, 3R, 12 | IP65 | Red/Yellow | 2.6/65 | OFF/ON/TEST | Yes | Yes | 0.29 | BDH59SH |
| For use with CFD60J3S & CFD100J3S | | | | | | | | |
| 1, 3R, 12 | IP65 | Black | 3.1/80 | OFF/ON/TEST | Yes | Yes | 0.30 | BDH110SH |
| 1, 3R, 12 | IP65 | Red/Yellow | 3.1/80 | OFF/ON/TEST | Yes | Yes | 0.30 | BDH111SH |
| For use with FD200J3-S & FD400J3-S | | | | | | | | |
| 1, 3R, 12 | IP65 | Black | 4.9/145 | OFF/ON/TEST | Yes | Yes | 0.39 | BDH114SH |
| 1, 3R, 12 | IP65 | Red/Yellow | 4.9/145 | OFF/ON/TEST | Yes | Yes | 0.39 | BDH115SH |
| 1, 3R, 12 | IP65 | Metal | 4.9/145 | OFF/ON/TEST | — | Yes | 1.50 | BDZX74 |

— = No

Shafts

| For use with: | Length (inches/mm) | Description | Weight (lbs.) | Catalog number |
|------------------------|--------------------|--------------------------|---------------|----------------|
| CFD30AJ3S & CFD30ACC3S | 6.7/170 | 0.24 x 0.24" (6 x 6mm) | 0.08 | BDS170 |
| CFD60J3S & CFD100J3S | 8.3/210 | 0.24 x 0.24" (6 x 6mm) | 0.13 | BDS210 |
| FD200J3-S & FD400J3-S | 12.8/325 | 0.47 x 0.47" (12 x 12mm) | 0.90 | BDS325 |

Terminal lug kit

| For use on: | Wire size | Kit weight (lbs) | Wire type | Lugs per kit | Catalog number |
|----------------------|----------------|------------------|-----------|--------------|----------------|
| CFD30J3S & CFD30CC3S | #14 – 4 | — | Cu | — | Integral |
| CFD60J3S | #14 – 4 | — | Cu | — | Integral |
| CFD100J3S | #14 – 2/0 | 0.43 | Cu/Al | 6 | BDTL24 |
| FD200J3-S | #6 – 300 kcmil | 0.93 | Cu/Al | 6 | BDTL25 |
| FD400J3-S | #2 – 600 kcmil | 3.50 | Cu/Al | 6 | BDTL26 |

[Ⓧ] J type fuse clips are standard. If 600V Type "T" fuse clips are desired, please order the "T" type fuse adapter kit.

Flange Operated Fusible Disconnect Switches for 30A – 100A

UL Fuse Class J, CC, T

For a complete assembly, please select one of each:

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



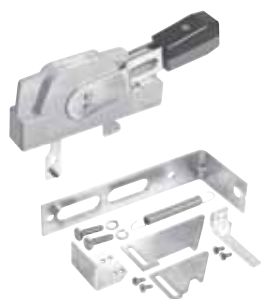
CFD30J3F



BDFHS12



BDFHNHS12



BDFHNHS__



BDFHS__



BDTL24

Flange operated switches — 3 pole

| UL general purpose amp rating | UL fuse type 600V | Maximum horsepower rating | | | | | Weight (lbs) | Catalog number |
|-------------------------------|-------------------|---------------------------|------|------|------|------|--------------|----------------|
| | | Three phase | | | | | | |
| | | 200V | 208V | 240V | 480V | 600V | | |
| 30 | J | 5 | 7.5 | 7.5 | 15 | 20 | 2.20 | CFD30AJ3F |
| 30 | CC | 5 | 7.5 | 7.5 | 15 | 20 | 2.50 | CFD30ACC3F |
| 60 | J | 15 | 15 | 15 | 30 | 50 | 3.52 | CFD60J3F |
| 100 | J | 25 | 25 | 30 | 60 | 75 | 3.97 | CFD100J3F |

Handles

| NEMA type | Color | Length inches/mm | Marking | Defeatable | Padlockable | Weight (lbs) | Catalog number |
|-----------|-------|------------------|--------------|------------|-------------|--------------|----------------|
| 1, 3R, 12 | Metal | 6.9/175 | O/I & OFF/ON | Yes | Yes | 3.52 | BDFHNHS12 |
| 4, 4X | Metal | 6.9/175 | O/I & OFF/ON | Yes | Yes | 3.52 | BDFHNHS4 |

Shafts

| Shaft length inches | Mounting depth in inches | Weight (lbs) | Catalog number |
|---------------------|--------------------------|--------------|----------------|
| 12 | | 0.39 | BDFHS12 |
| 17 | | 0.55 | BDFHS17 |
| 22.5 | | 0.73 | BDFHS22 |

Terminal lug kit

| For use on: | Wire size | Kit weight (lbs) | Wire type | Lugs per kit | Catalog number |
|-------------------------|-----------|------------------|-----------|--------------|----------------|
| BDCF30J6_ & BDFLF60J6-F | #14 – #4 | — | Cu | — | Standard |
| BDFLF100J6-F | #14 – #4 | — | Cu | — | Standard |
| | #14 – 2/0 | 0.43 | Cu/Al | 6 | BDTL24 |

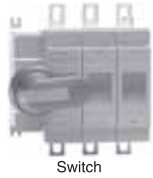
Door hardware — NEMA 12

| Item | Weight (lbs) | Catalog number |
|-------------------------------------------|--------------|----------------|
| Safety door latch, 2 point with 6" handle | 1.92 | BDDHK |
| Roller for 3 point latch, add to FH-DHK | 0.39 | BD3RL |

Cable Operated Fusible Disconnect Switches for 30A – 800A

UL Fuse Class CC, J, L & T

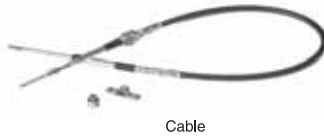
For a complete assembly, please select one each of the following:



+



+



+



+



Switch



Handle



BFCL36 - BFCL108
BK7C048 - BK7C084



Lug kit



BDTL175/400

Fusible

| UL general purpose amp rating | UL fuse type 600V | Maximum horsepower rating | | | | | Mechanism Part Number | Switch Part Number |
|-------------------------------|-------------------|---------------------------|------|------|------|-------|-----------------------|--------------------|
| | | Three-phase | | | | | | |
| | | 200-208V | 240V | 480V | 600V | Poles | | |
| 30 | CC | 5/7.5 | 7.5 | 15 | 20 | 3 | BMKCS2 | CFD30ACC3 |
| 30 | J | 5/7.5 | 7.5 | 15 | 20 | 3 | BMKCS2 | CFD30AJ3 |
| 60 | J | 15 | 15 | 30 | 50 | 3 | BMKCS3 | CFD60J3 |
| 100 | J/T | 25 | 30 | 60 | 75 | 3 | BMKCS4 | CFD100AJ3 |
| 200 | J | 50 | 60 | 125 | 150 | 3 | BMKCS4 | CFD200J03 |
| 400 | J/T | 100 | 125 | 250 | 350 | 3 | Incl. | FD400J3-FC |
| 600 | J/T | 150 | 200 | 400 | 500 | 3 | Incl. | FD600J3-FC |
| 800 | L | 200 | 250 | 500 | 600 | 3 | Incl. | FD800J3-FC |

Flange handles - UL 98; File #E101914

| For use with: | Environmental rating | Catalog number |
|----------------|----------------------|----------------|
| CFD30 - CFD200 | NEMA 1, 3R, 12 | BDHFC12 |
| | NEMA 4, 4X | BDHFC4 |
| FD400 - FD-800 | NEMA 1, 3R, 12 | BK7FCH |
| | NEMA 4, 4X | BK7FCH4 |

Flexible cables

| For use with: | Cable length (inches) | Catalog number |
|----------------|-----------------------|----------------|
| CFD30 - CFD200 | 36 | BFCL36 |
| | 48 | BFCL48 |
| | 60 | BFCL60 |
| | 72 | BFCL72 |
| | 84 | BFCL84 |
| | 96 | BFCL96 |
| FD400 - FD800 | 108 | BFCL108 |
| | 48 | BK7C048 |
| | 60 | BK7C060 |
| | 72 | BK7C072 |
| | 84 | BK7C084 |

Terminal lug kits

| For use with: | Wire size | Wire type | Description | Lugs per kit | Catalog number |
|-------------------|------------------|-----------|-------------|--------------|----------------|
| CFD100 - CFD200 | #4-300kcmil | Cu/Al | - | 6 | CDTL200 |
| | #4-300kcmil | Cu/Al | - | 3 | CDTL200/3P |
| | (6)#4-6AWG | Cu/Al | Dist. lug | 3 | CDTL206 |
| FD400J | #2-600kcmil | Cu/Al | | 6 | BDTL26 |
| FD600J - FD800L | (12)#14-6 | Cu/Al | | 3 | BDTL175/400 |
| FD600J - & FD800L | (2)#2 - 600kcmil | Cu/Al | | 6 | BDTL27 |

Door hardware — NEMA 12

| Item | Catalog number |
|--------------------------------------------------------|----------------|
| Safety door latch, 2 point, door less than 40" high | BKDH2R |
| Safety door latch, 3 point, door greater than 40" high | BKDH3R |

UL & cULus Technical Data for Fusible Disconnect Switches

CFD30CC3 – FD800L3

UL & cULus

| Catalog number | 3 pole | CFD30_3 | CFD60J3 | CFD100J3 | CFD200J3 | FD400J3 | FD600J3 | FD800L3 |
|-------------------------------------------------------------------|-----------------------------|---------------------------------|---------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|
| Approvals ^① | 2 pole 3 pole 4 pole | 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 |
| Technical ratings | -40° to 40°C | | | | | | | |
| General purpose amp rating pf = 0.7 – 0.8 | A | 30 | 60 | 100 | 200 | 400 | 600 | 800 |
| Max operating voltage | V | 600 | 600 | 600 | 600 | 600 | 600 | 600 |
| Max horsepower rating/ Max motor FLA current pf = 0.4 – 0.5 | | | | | | | | |
| Three phase | | | | | | | | |
| 200 – 208V | HP/A | 5/16.8 – 7.5/24.2 | 15/46.2 | 25/75.0 | 50/143.0 | 100/273 – 125/344 | 150/396 | 200/528 |
| 240V | HP/A | 7.5/22.0 | 15/42.0 | 30/80.0 | 60/145.0 | 125/312.0 | 200/480.0 | 250/602.0 |
| 480V | HP/A | 15/21.0 | 30/40.0 | 60/77.0 | 125/156.0 | 250/302.0 | 400/477.0 | 500/590.0 |
| 600V | HP/A | 20/22.0 | 50/52.0 | 75/77.0 | 150/144.0 | 350/336.0 | 500/472.0 | 600/ — |
| Single phase | | | | | | | | |
| 120V | HP/A | 2/24.0 | — | — | — | — | — | — |
| 240V | HP/A | 3/17.0 | — | — | — | — | — | — |
| Short circuit rating with fuse | kA | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| UL Fuse size | A | 30 | 60 | 100 | 200 | 400 | 600 | 800 |
| UL Fuse type | | J/CC | J | J/T | J | J/T | J/T | L |
| Endurances | | | | | | | | |
| Min. Electrical endurance, pf = 0.75 – 0.80 | operation cycles | 6000 | 6000 | 6000 | 6000 | 1000 | 1000 | 500 |
| Mechanical endurance | operation | 20,000 | 20,000 | 20,000 | 20,000 | 12,000 | 10,000 | 7000 |
| Physical characteristics | | | | | | | | |
| Weight | 3 pole lb 4 pole lb | 1.54 1.98 | 2.86 3.52 | 3.30 3.96 | 5.9 7.5 | 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 | 3.94 5.63 5.04 | 5.66 7.06 5.09 | 6.5 7.1 5.2 | 7.87 11.22 8.11 | 11.42 14.69 9.21 | 11.42 14.69 9.21 |
| Shaft size square □ | in mm | .24 x .24 6 x 6 | .24 x .24 6 x 6 | .24 x .24 6 x 6 | .24 x .24 6 x 6 | .47 x .47 12 x 12 | .47 x .47 12 x 12 | .47 x .47 12 x 12 |
| Switch operating torque for rotary 3 pole switches | lb. in. | 26.6 | 35.5 | 70.9 | 195 | 195 | 248 | 248 |
| Terminal lug kits | | | | | | | | |
| Wire range | AWG | Integral #18 – 8 | Integral #14 – 4 | BDTL24 #14 – 2/0 | CDTL200 #4 – 300kcmil | BDTL26 #2 – 600kcmil | BDTL27 (2) #2 – 600 kcmil | BDTL27 (2) #2 – 600 kcmil |
| Torque: | | | | | | | | |
| Wire tightening | lb. in. | 17 | 30 | 120 | 275 | 500 | 375 | 375 |
| Lug mounting | lb. in. | N/A | N/A | 50 | 150 | 480 | 500 | 480 |
| Auxiliary contacts | | | | | | | | |
| NEMA ratings, AC | | — A600 | A600 | A600 | A600 | A600 | A600 | A600 |
| AC rated voltage | VAC | 250 600 | 600 | 600 | 600 | 600 | 600 | 600 |
| AC thermal rated current | A | 6 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| AC maximum volt ampere making | VA | — 7200 | 7200 | 7200 | 7200 | 7200 | 7200 | 7200 |
| AC maximum volt ampere breaking | VA | — 720 | 720 | 720 | 720 | 720 | 720 | 720 |
| NEMA ratings, DC | | — P300 | R300 | R300 | R300 | P600 | P600 | P600 |
| DC rated voltage | VDC | — 300 | 300 | 300 | 300 | 600 | 600 | 600 |
| DC thermal rated current | A | — 1 | 1 | 1 | 1 | 5 | 5 | 5 |
| DC maximum make break current | A | — 28 | 28 | 28 | 28 | 138 | 138 | 138 |
| Torque: | | | | | | | | |
| Wire tightening | lb. in. | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| Wire range | AWG | #22 – 14/#18 – 14 | #18 – 14 | #22 – 14 | #18 – 14 | #22 – 14 | #22 – 14 | #22 – 14 |

Disconnect Switches

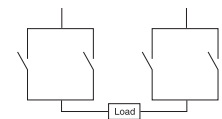
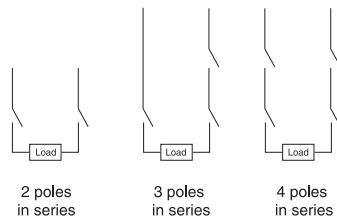
^① The following UL Listed switches are also cULus approved.

IEC Technical Data for Fusible Disconnect Switches

CFD30CC3 – FD800L3

IEC

| Catalog number | 3 pole | CFD30_3 | CFD60J3 | CFD100J3 | CFD200J03 | FD400J3 | FD600J3 | FD800L3 |
|-------------------------------------------------------------------------|--------------------|---------|-----------------|------------------|-----------|----------------|----------------|---------|
| Technical ratings | -40° to 40°C | | | | | | | |
| Rated insulation voltage ^① | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | |
| Pollution degree 3 ^⑧ | | | | | | | | |
| Dielectric strength 50Hz/60Hz, 1 min | kV | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Rated impulse withstand voltage | kV | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| Rated thermal current, Ith/ max. fuse power dissipation ^② | | | | | | | | |
| AC 20/DC 20 open ^③ | A/W | 32/3.5 | 63/7.5 | 160/12 | 200/17 | 400/45 | 630/60 | 800/65 |
| 40°C enclosed | A/W | 32/3.5 | 63/7.5 | 160/10, 135/12 | 200/17 | 400/34, 360/37 | 600/45, 570/50 | 720/55 |
| Enclosed with solid links | A/W | 32 | 85 | 175 | 280 | 450 | 700 | 900 |
| with minimum cable cross section Cu | mm ² | 6 | 16 | 70 | 95 | 240 | 2 x 185 | 2 x 240 |
| Rated operational voltage AC 20 and DC 20V | | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| AC Rated operational currents | | | | | | | | |
| AC 21A | 500V A | 32 | 63 | 160 | 200 | 400 | 630 | 800 |
| | 690V A | 32 | 63 | 160 | 200 | 400 | 630 | 800 |
| AC 22A | 500V A | 32 | 63 | 160 | 200 | 400 | 630 | 800 |
| | 690V A | 32 | 63 | 160 | 200 | 400 | 630 | 800 |
| AC 23A | 500V A | 32 | 63 | 160 | 200 | 400 | 630 | 720 |
| | 690V A | 32 | 63 ^④ | 160 ^④ | 200 | 400 | 630 | 720 |
| DC Rated operational currents/poles in series | | | | | | | | |
| DC21A | 48V ^⑤ A | 32/2 | ⑤ | ⑤ | 200/1 | 400/2 | 630/2 | 800/2 |
| | 110V A | 32/2 | ⑤ | ⑤ | 200/1 | 400/2 | 630/2 | 800/2 |
| | 220V A | 32/2 | ⑤ | ⑤ | 200/1 | 400/2 | 630/2 | 800/2 |
| | 440V A | 32/4 | ⑤ | ⑤ | 200/2 | 400/2 | 630/2 | 800/2 |
| | 750V A | — | ⑤ | ⑤ | 180/4 | 400/3 | 630/1 | 800/3 |
| | 1000V A | — | ⑤ | ⑤ | — | 400/4 | 630 | 800/4 |
| DC22A | 48V ^⑤ A | 32/2 | ⑤ | ⑤ | 200/1 | 400/2 | 630/2 | 800/2 |
| | 110V A | 32/2 | ⑤ | ⑤ | 200/1 | 400/2 | 630/2 | 800/2 |
| | 220V A | 32/2 | ⑤ | ⑤ | 200/1 | 400/2 | 630/2 | 800/2 |
| | 440V A | 32/4 | ⑤ | ⑤ | 200/2 | 400/2 | 630/2 | 800/2 |
| | 750V A | — | ⑤ | ⑤ | 180/4 | 400/3 | 630/3 | 800/3 |
| | 1000V A | — | ⑤ | ⑤ | — | 400/4 | 630/4 | 800/4 |
| DC23A | 48V ^⑥ A | 32/2 | ⑤ | ⑤ | 200/1 | 400/2 | 630/2 | 800/2 |
| | 110V A | 32/2 | ⑤ | ⑤ | 200/1 | 400/2 | 630/2 | 800/2 |
| | 220V A | 32/2 | ⑤ | ⑤ | 200/1 | 400/2 | 630/2 | 800/2 |
| | 440V A | 32/4 | ⑤ | ⑤ | 200/2 | 400/2 | 630/2 | 800/2 |
| | 750V A | — | ⑤ | ⑤ | 180/4 | 400/3 | 630/3 | 800/3 |
| | 1000V A | — | ⑤ | ⑤ | — | — | 630/4 | 800/4 |
| Rated operational power AC23A | | | | | | | | |
| | 230V kW | 8 | 18.5 | 45 | 60 | 110 | 180 | 200 |
| | 400V kW | 14 | 30 | 80 | 110 | 210 | 315 | 350 |
| | 415V kW | 15 | 30 | 90 | 110 | 230 | 340 | 380 |
| | 500V kW | 18 | 37 | 110 | 140 | 280 | 400 | 470 |
| | 690V kW | 25 | 60 | 132 | 190 | 330 | 540 | 600 |



① 1000V, IEC 408.

② Ambient temperature 60°C: derating 20 percent. Mounting on ceiling: derating 10 percent. Mounting on wall, horizontal fuses: derating 8 percent.

③ The ambient air temperature does not exceed +40°C and its average over a period of 24h does not exceed +35°C according to IEC 947.

④ For 30A switches, use 2 parallel contacts in series.

⑤ Available on request.

⑥ IEC 947-3, utilization category B, infrequent operation.

⑧ Pollution degree 3: Conductive pollution occurs, or dry, non-conductive pollution occurs, which becomes conductive due to condensation.

IEC Technical Data for Fusible Disconnect Switches

CFD30CC3 – FD800L3

IEC

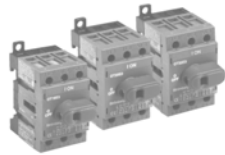
| Catalog number | 3 pole | CFD30_3 | CFD60J3 | CFD100J3 | CFD200J03 | FD400J3 | FD600J3 | FD800L3 |
|-------------------------------------------------------------------------------------|------------------|--------------------------|------------------|----------------|-----------|----------|--------------|--------------|
| Rated breaking capacity | | | | | | | | |
| in category AC-23A | 500V A | 256 | 504 | 1280 | 1600 | 3200 | 5760 | 5760 |
| | 690V A | 256 | 504 | 1280 | 1600 | 3200 | 5760 | 5760 |
| Rated breaking capacity/poles in series | | | | | | | | |
| in category DC-23 | <220V A | 128/2 | — | — | 1000/2 | 1600/2 | 3200/2 | 3200/2 |
| | 440V A | 128/4 | — | — | 1000/2 | 1600/2 | 3200/2 | 3200/2 |
| | 500 – 750V A | — | — | — | 1000/3 | 1600/3 | 3200/3 | 3200/3 |
| | 1000V A | — | — | — | — | — | 3200/4 | 3200/4 |
| Rated conditional short-circuit current r.m.s. ^③ | | | | | | | | |
| | 80 kA, 415V kA | 9 | 17 | 22 | 35 | 40 | 75 | 75 |
| | 100 kA, 500 V kA | 7.5 | 17 | 22 | 37.5 | 40 | 75 | 75 |
| | 50 kA, 690 V kA | 6 | 13 | 15 | 35 | 35 | 60 | 60 |
| Rated short time withstand current, 1s. | kA | 1 | 2.5 | 5 | 8 | 10 | 16 | 16 |
| Rated capacitor power | | | | | | | | |
| – The capacitor rating of the fusible disconnect switch is limited by the fuse link | | | | | | | | |
| | 400 V kVar | 15 | 30 | — | — | 180 | 250 | 310 |
| | 415V kVar | 15 | 32 | — | — | 200 | 270 | 340 |
| | 690V kVar | 25 | 50 | — | — | 325 | 450 | 550 |
| Power loss/pole | | | | | | | | |
| with rated current, without fuse | W | 2 | 4 | 9 | 8 | 30 | 55 | 77 |
| Mechanical endurance | operations | 20,000 | 20,000 | 20,000 | 20,000 | 16,000 | 10,000 | 10,000 |
| Fuse types, IEC 269-2 | DIN 43620 | — | 000, 00 | 000, 00 | — | 0 – 2 | 3 | 3 |
| | NFC | 10 x 38, 14 x 51 | 14 x 51, 22 x 58 | 22 x 58 | — | 0 – 2 | 3 | — |
| | BS 88 | A1, A2, F1 | A2 – A3 | A2 – A4 | B1 – B2 | B1 – B4 | C1 – C2 | C1 – C3 |
| size/distance of link bolts | | M4/44.5(A1) M5/73(A2) | M5/73 | M5/73 M8/94 | M6/111 | M3/111 | M10/133, 184 | M10/133, 184 |
| Physical characteristics | | | | | | | | |
| Weight | 3 pole | 0.7 | 1.3 | 1.5 | 2.6 | 7.8 | 17.0 | 17.0 |
| | 4 pole | 0.9 | 1.6 | 1.8 | 7.9 | 8.8 | 21.0 | 21.0 |
| Dimension | 3 pole | | | | | | | |
| | H | 97 | 100 | 144 | 198.5 | 226 | 282 | 282 |
| | W mm | 106 | 174 | 179 | 181.5 | 284 | 373 | 373 |
| | D mm | 107 | 123 | 129 | 132 | 198 | 221 | 221 |
| Shaft size | square □ mm | 6 x 6 | 6 x 6 | 6 x 6 | 6 x 6 | 12 x 12 | 12 x 12 | 12 x 12 |
| Terminals | | | | | | | | |
| Built-in terminal size | mm ² | 0.5 – 10 | 2.5 – 25 | — | — | — | — | — |
| Terminal bolt size, metric thread | | | | | | | | |
| diameter x length | mm | — | — | M6 x 20 | M8 x 25 | M10 x 40 | M12 x 40 | M12 x 40 |
| Terminal bolt tightening torque | Nm | 2 | 3.5 | 6 – 9 | 15 – 22 | 30 – 44 | 50 – 75 | 50 – 75 |
| Fuse-links bolts tightening torque | Nm | 2 | 3.5 | 3.5 – 5 | 4 | 15 | 40 | 40 |
| Operating torque | Nm | 3 | 4 | 8 | 7 | 22 | 28 | 28 |
| Auxiliary contacts | | | | | | | | |
| Ratings according to IEC 947-5-1 | | ① | ② | ③ | ④ | ⑤ | | |
| Rated voltage, U _i | VAC | 690 | 690 | 690 | 690 | 690 | 690 | 690 |
| Thermal current, I _{th} | A | 10 | 16 | 16 | 16 | 10 | 10 | 10 |
| AC12 / DC12, I _e U _e = | 24V A | — / 6 | — | — | — | — | — | — |
| | 120V A | — / 6 | — | — | — | 8 / — | 8 / — | 8 / — |
| | 125V A | — | — | — | — | — / 1.1 | — / 1.1 | — / 1.1 |
| | 230V A | — | 6 / — | 6 / — | 6 / — | 6 / — | 6 / — | 6 / — |
| | 250V A | 3 / 0.1 | — | — | — | — / 0.55 | — / 0.55 | — / 0.55 |
| | 400V A | — | 4 / — | 4 / — | 4 / — | 4 / — | 4 / — | 4 / — |
| | 415V A | — | — | — | — | 4 / — | 4 / — | 4 / — |
| | 440V A | 2 / — | — | — | — | — / 0.31 | — / 0.31 | — / 0.31 |
| | 480V A | — | — | — | — | 3 / — | 3 / — | 3 / — |
| | 500V A | — | — | — | — | 3 / 0.27 | 3 / 0.27 | 3 / 0.27 |
| | 600V A | — | — | — | — | — / 0.2 | — / 0.2 | — / 0.2 |
| | 690V A | — | 2 / — | 2 / — | 2 / — | 2 / — | 2 / — | 2 / — |

Disconnect Switches

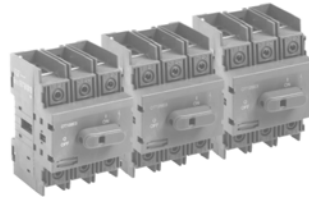
① AC15 / DC12, according to IEC 947-5-1
 ② AC15 / DC13, according to IEC 947-5-1
 ③ AC15, according to IEC 947-5-1
 ④ AC11 / DC11, according to IEC 947-5-1
 ⑤ Values shown are corresponding max. allowed cut-off current, peak-values per single phase fuse tests.

Overview for Non-fusible Disconnect Switches

CDNF16 - CDNF100A3



CDNF16A3, CDNF25A3, CDNF32A3



CDNF30A3, CDNF60A3, CDNF100A3

| Catalog number | 3 pole | CDNF16A3 | CDNF25A3 | CDNF32A3 | CDNF45A3 | CDNF63A3 | CDNF30A3 | CDNF60A3 | CDNF100A3 | |
|----------------------------------------------------------------------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|--|
| General purpose amp rating | A | 16 | 25 | 40 | 60 | 80 | 30 | 60 | 100 | |
| Approvals^① | | | | | | | | | | |
| | 2 pole | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | |
| | 3 pole | UL508 | UL508 | UL508 | UL508 | UL508 | UL98 | UL98 | UL98 | |
| | 4 pole | UL508 | UL508 | UL508 | UL508 | UL508 | UL98 | UL98 | UL98 | |
| Technical ratings | | | | | | | | | | |
| UL, cULus^② | | | | | | | | | | |
| Max operating voltage | V | 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 | 30 | |
| 480V | HP | 10 | 15 | 20 | 30 | 40 | 20 | 40 | 50 | |
| 600V | HP | 10 | 20 | 25 | 30 | 40 | 30 | 40 | 50 | |
| Single phase | | | | | | | | | | |
| 120V | HP | 1/2 | 3/4 | 1 | 2 | 2 | 2 | 3 | 5 | |
| 240V | HP | 1.5 | 2 | 3 | 5 | 5 | 5 | 7.5 | 15 | |
| Technical ratings | | | | | | | | | | |
| IEC^③ | | | | | | | | | | |
| Rated insulation and operational voltage. AC20 and DC20 ^④ | V | 750 | 750 | 750 | 750 | 750 | 750 | 750 | 750 | |
| Rated thermal current, I _n | | | | | | | | | | |
| AC 20/DC 20 open | A | 25 | 32 | 40 | 63 | 80 | 40 | 63 | 115 | |
| AC 20/DC 20 enclosed | A | 25 | 32 | 40 | 63 | 80 | 40 | 63 | 115 | |
| AC 21A 500V | A | 16 | 25 | 32 | 63 | 80 | 40 | 63 | 100 | |
| 690V | A | 16 | 25 | 32 | 63 | 80 | 40 | 63 | 100 | |
| Rated operational power AC23 | | | | | | | | | | |
| 400/415V | kW | 7.5 | 9 | 11 | 22 | 37 | 15 | 18.5 | 37 | |
| 690V | kW | 7.5 | 9 | 11 | 15 | 18.5 | 15 | 15 | 37 | |
| Physical characteristics | | | | | | | | | | |
| Weight ^④ | 3 pole lb | 0.24 | 0.24 | 0.24 | 0.59 | 0.59 | 0.79 | 0.79 | 0.79 | |
| Dimension | 3 pole H in | 2.68 | 2.68 | 2.68 | 3.60 | 3.60 | 3.94 | 3.94 | 3.94 | |
| | W in | 1.38 | 1.38 | 1.38 | 2.07 | 2.07 | 2.76 | 2.76 | 2.76 | |
| | D in | 2.20 | 2.20 | 2.20 | 2.85 | 2.85 | 2.95 | 2.95 | 2.95 | |
| Accessories | | | | | | | | | | |
| Terminal lug kit | | 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 | | — | — | — | — | — | — | — | — | |

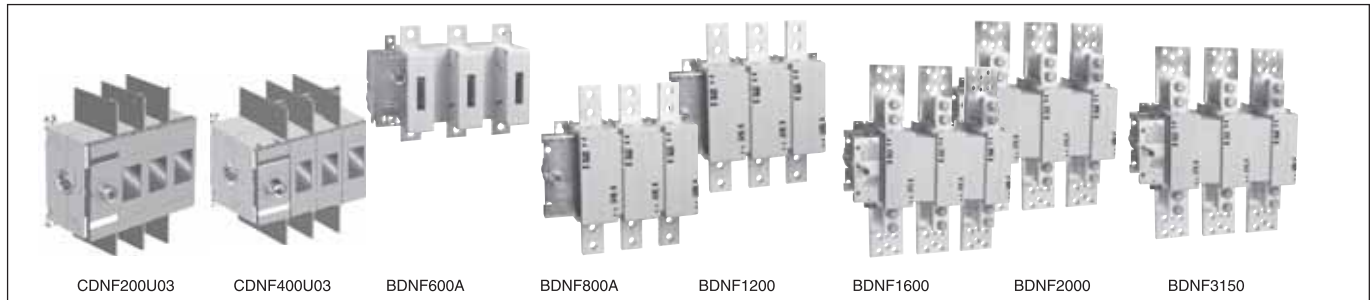
• = Available
— = Not available

UL Listed, cULus approved, IEC rated, CE marked

① UL Listed switches are also cULus approved.
② For complete technical information please see page 58 & 59.
③ 1000V, IEC 408.
④ Switch only

Overview for Non-fusible Disconnect Switches

CDNF200U03 - BDNF3150



| Catalog number | 3 pole | CDNF200U03 | CDNF400U03 | BDNF600A | BDNF800A | BDNF1200 | BDNF1600 | BDNF2000 | BDNF3150 |
|----------------------------------------------------------------------|----------------------------|---------------------------------|----------------------------------------|----------------------------------------|---------------------------------|---------------------------------|---------------------------------|---------------------------------|-------------------|
| General purpose amp rating | A | 200 | 400 | 600 | 800 | 1200 | 1600 | 2000 | 3150 |
| Approvals ^① | 2 pole 3 pole 4 pole | UL98 & IEC UL98 & IEC IEC | UL98 & IEC UL98 & IEC UL98 & IEC | UL98 & IEC UL98 & IEC UL98 & IEC | UL98 & IEC UL98 & IEC IEC | UL98 & IEC UL98 & IEC IEC | UL98 & IEC UL98 & IEC IEC | UL98 & IEC UL98 & IEC IEC | IEC IEC IEC |
| Technical ratings UL, cULus^② | | | | | | | | | |
| Max operating voltage | V | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 |
| Max horsepower rating | | | | | | | | | |
| Three phase | | | | | | | | | |
| 200 – 208V | HP | 60 | 100 | 150 | 200 | — | — | — | — |
| 240V | HP | 75 | 125 | 200 | 250 | — | — | — | — |
| 480V | HP | 150 | 250 | 400 | 500 | — | — | — | — |
| 600V | HP | 200 | 350 | 500 | 600 | — | — | — | — |
| Single phase | | | | | | | | | |
| 120V | HP | — | — | — | — | — | — | — | — |
| 240V | HP | — | — | — | — | — | — | — | — |
| Technical ratings IEC^③ | | | | | | | | | |
| Rated insulation and operational voltage. AC20 and DC20 ^④ | V | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Rated thermal current, I _m | | | | | | | | | |
| AC 20/DC 20 open | A | 250 | 400 | 800 | 1250 | 1600 | 2500 | 2500 | 3150 |
| AC 20/DC 20 enclosed | A | 250 | 400 | 720 | 1250 | 1600 | 2300 | 2300 | 2600 |
| AC 21A 500V | A | 250 | 400 | 800 | 1250 | 1600 | 2500 | 2500 | 3150 |
| 690V | A | 250 | 400 | 800 | 1250 | 1600 | 2500 | 2500 | 3150 |
| Rated operational power AC23 | | | | | | | | | |
| 400/415V | kW | 132 | 220 | 355 | 400 | 400 | 400 | 400 | 400 |
| 690V | kW | 240 | 355 | 355 | — | — | — | — | — |
| Physical characteristics | | | | | | | | | |
| Weight ^⑤ | 3 pole lb | 2.90 | 5.70 | 13.66 | 35.9 | 38.55 | 127.7 | 127.7 | 127.7 |
| Dimension | 3 pole | | | | | | | | |
| H in | | 6.69 | 8.66 | 11.77 | 19.09 | 19.09 | 25.04 | 25.04 | 25.04 |
| W in | | 6.67 | 8.70 | 11.93 | 14.29 | 14.29 | 18.43 | 18.43 | 18.43 |
| D in | | 3.30 | 4.15 | 5.12 | 4.92 | 4.92 | 10.67 | 10.67 | 10.67 |
| Accessories | | | | | | | | | |
| Terminal lug kit | | CDTL200 | CDTL400 | 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

UL Listed, cULus approved, IEC rated, CE marked

① UL Listed switches are also cULus approved.
② For complete technical information please see page 58 & 59.
③ 1000V, IEC 408.
④ Switch only

16A – 100A for Non-fusible Disconnect Switches

For a complete assembly,
please select one of each:

- 1 switch
- 1 handle
- 1 shaft



CDNF63A3



BDS85S



CDBH3S

16 – 100 Amp switches, 600V, 3 pole^①

| UL general purpose amp rating | IEC AC21 amp rating | Maximum horsepower rating | | | | | | Terminal lugs | | Catalog number |
|-------------------------------|---------------------|---------------------------|------|------|-------------|------|------|---------------|-----------|----------------|
| | | Single phase | | | Three phase | | | Wire size | Wire type | |
| | | 120V | 240V | 200V | 240V | 480V | 600V | | | |
| 16 | 16 | 1/2 | 1.5 | 3 | 5 | 10 | 10 | #18 – 8 | Cu | CDNF16A3 |
| 25 | 25 | 3/4 | 2 | 7.5 | 7.5 | 15 | 20 | #18 – 8 | Cu | CDNF25A3 |
| 40 | 40 | 1 | 3 | 10 | 10 | 20 | 25 | #18 – 8 | Cu | CDNF32A3 |
| 60 | 63 | 2 | 5 | 15 | 15 | 30 | 30 | #14 – 4 | Cu | CDNF45A3 |
| 80 | 80 | 2 | 5 | 20 | 20 | 40 | 40 | #14 – 1 | Cu | CDNF63A3 |
| 30 | 40 | 2 | 5 | 10 | 10 | 20 | 30 | #14 – 4 | Cu | CDNF30A3 |
| 60 | 63 | 3 | 7.5 | 20 | 20 | 40 | 40 | #14 – 4 | Cu | CDNF60A3 |
| 100 | 115 | 5 | 15 | 25 | 30 | 50 | 50 | #8 – 1/0 | Cu | CDNF100A3 |



CDNF16A3
CDNF25A3
CDNF32A3



CDNF30A3
CDNF60A3
CDNF100A3



CDBH1S



CDBH15S



CDBH6S



BDS_S

Selector handles — for use with shafts $\square .24 \times .24$ " ($\square 6 \times 6$ mm)

| NEMA type | IEC type | Color | Defeatable | Padlockable | Weight (lbs) | Catalog number |
|-----------------------------------------|----------|---------|------------|-------------|--------------|----------------------|
| All marked both O/I & Off/On | | | | | | |
| 1 | IP54 | Black | — | — | 0.09 | CBDH1S ^② |
| 1 | IP54 | Red/Yel | — | — | 0.09 | CBDH2S ^② |
| 1 | IP54 | Black | — | Yes | 0.12 | CBDH15S ^② |
| 1 | IP54 | Red/Yel | — | Yes | 0.12 | CBDH16S ^② |
| 1,3R,12 | IP65 | Black | — | Yes | 0.16 | CBDH3S |
| 1,3R,12 | IP65 | Red/Yel | — | Yes | 0.16 | CBDH4S |
| 1,3R,12 | IP65 | Black | Yes | Yes | 0.16 | CBDH5S |
| 1,3R,12 | IP65 | Red/Yel | Yes | Yes | 0.16 | CBDH6S |

Shafts — for use with CDH selector handles $\square .24 \times .24$ " ($\square 6 \times 6$ mm)

| Shaft length inches/mm | Mounting depth ^③ in inches | | | | | | Weight (lbs) | Catalog number |
|------------------------|---------------------------------------|----------------|------------------|----------------|-----------------------------|----------------|--------------|----------------|
| | CDNF16 CDNF25 CDNF32 | | CDNF45 CDNF63 | | CDNF30 CDNF60 CDNF100 | | | |
| | CBDH1S, CBDH2S | CBDH3S, CBDH4S | CBDH1S, CBDH2S | CBDH3S, CBDH4S | CBDH3S, CBDH4S | CBDH3S, CBDH4S | | |
| 3.3/85 | 4.2 – 5.0 | 3.6 – 4.3 | 4.9 – 5.6 | 4.4 – 5.0 | 3.9 – 4.9 | 0.04 | BDS85S | |
| 4.1/105 | 5.0 – 5.8 | 4.4 – 5.1 | 5.7 – 6.4 | 5.1 – 5.8 | 4.7 – 5.7 | 0.04 | BDS105S | |
| 4.7/120 | 5.6 – 6.4 | 5.0 – 5.8 | 6.3 – 7.0 | 5.7 – 6.4 | 5.3 – 6.3 | 0.05 | BDS120S | |
| 5.1/130 | 6.0 – 6.7 | 5.4 – 6.1 | 6.7 – 7.4 | 6.1 – 6.8 | 5.6 – 6.7 | 0.05 | BDS130S | |
| 7.1/180 | 7.1 – 8.7 | 7.4 – 8.1 | 8.6 – 9.4 | 8.1 – 8.7 | 7.6 – 8.6 | 0.08 | BDS180S | |
| 9.8/250 | 10.7 – 11.5 | 10.1 – 10.8 | 11.4 – 12.1 | 10.9 – 11.5 | 10.4 – 11.4 | 0.10 | BDS250S | |
| 13/330 | 13.8 – 14.6 | 13.3 – 14.0 | 14.6 – 15.3 | 14.0 – 14.7 | 13.5 – 14.5 | 0.14 | BDS330S | |

^① A snap on fourth pole may be added

^② Not suitable for use with CDNF30, 60, 100A3.

^③ Mounting depth is the distance from the outside of door to the disconnect switch mounting plate. Shaft can be cut to desired length.

Handles & Shafts for 16A – 100A Non-fusible Disconnect Switches


Base & DIN Rail Mounted



Pistol handles — for use with shafts \square .24 x .24" (\square 6 x 6mm)


| 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 | BDH56 |
| 1,3R,12 | IP65 | Red/Yel | O/I & Off/On | 1.8/45 | Yes | Yes | 0.28 | BDH57 |
| 1,3R,12 | IP65 | Black | O/I & Off/On | 2.6/65 | Yes | Yes | 0.29 | BDH58 |
| 1,3R,12 | IP65 | Red/Yel | O/I & Off/On | 2.6/65 | Yes | Yes | 0.29 | BDH59 |
| 1,3R,12,4,4X | IP66 | Black | O/I & Off/On | 2.6/65 | Yes | Yes | 0.29 | CDHXB65L6 |
| 1,3R,12,4,4X | IP66 | Red/Yel | O/I & Off/On | 2.6/65 | Yes | Yes | 0.29 | CDHXY65L6 |

Shafts — for use with pistol handles \square .24 x .24" (\square 6 x 6mm)



| Shaft length | Mounting depth ^① in inches | | | Weight | Catalog |
|--------------|---------------------------------------|-------------|----------------------|--------|---------|
| | CDNF16A3 CDNF25A3 | CDNF45A3 | CDNF30A3 CDNF60A3 | | |
| 5.9/150 | 6.2 – 6.7 | 6.9 – 7.4 | 6.4 – 7.4 | 0.07 | BDS150 |
| 6.7/170 | 7.0 – 7.5 | 7.7 – 8.1 | 7.2 – 8.1 | 0.08 | BDS170 |
| 10.4/265 | 10.7 – 11.3 | 11.4 – 11.9 | 10.9 – 11.9 | 0.12 | BDS265 |
| 15.8/400 | 16.0 – 16.6 | 16.8 – 17.2 | 16.2 – 17.2 | 0.18 | BDS400 |
| 19.7/500 | 20.0 – 20.5 | 20.7 – 21.1 | 20.1 – 21.1 | 0.23 | BDS500 |

Twisted shafts — Rotates handle 45° \square .24 x .24" (\square 6 x 6mm)



| Shaft length (inches/mm) | Mounting depth ^① in inches | | | Weight (lbs.) | Catalog number |
|--------------------------|---------------------------------------|----------------------|-----------------------------------|---------------|----------------|
| | CDNF16A3 CDNF25A3 CDNF32A3 | CDNF45A3 CDNF63A3 | CDNF30A3 CDNF60A3 CDNF100A3 | | |
| 5.9/130 | 6.2 – 6.7 | 6.9 – 7.4 | 6.4 – 7.4 | 0.07 | BDST4 |
| 8.3/210 | 7.0 – 7.5 | 7.7 – 8.1 | 7.2 – 8.1 | 0.08 | BDST25 |
| 11.4/290 | 10.7 – 11.3 | 11.4 – 11.9 | 10.9 – 11.9 | 0.12 | BDST29 |
| 14.2/360 | 16.0 – 16.6 | 16.8 – 17.2 | 16.2 – 17.2 | 0.18 | BDST30 |

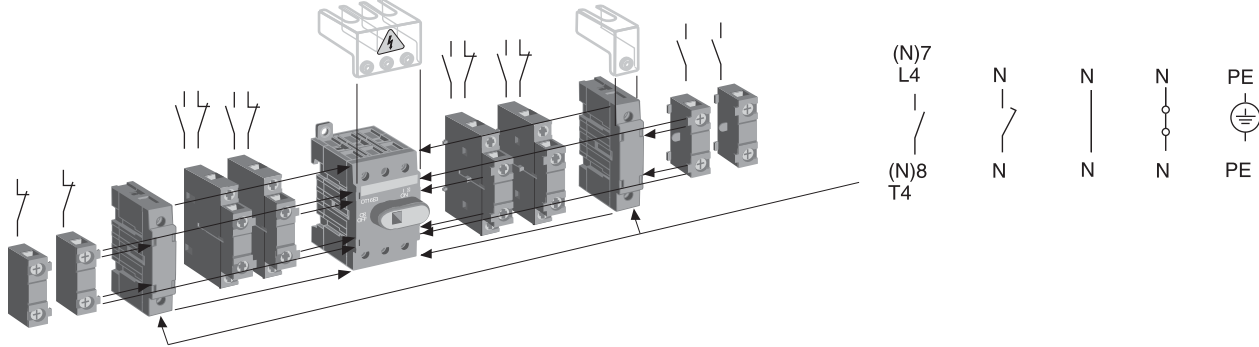
Replacement knob — mounts directly to switch; no shaft necessary

| NEMA | Color | For use | Length | Padlockable | Catalog |
|--------------|-------|---------------------------------------|--------|-------------|----------------------|
| 1 | Black | CDNF16, 25, 32A3 | 1.0 | — | CDRKBS12 |
| 1 | Black | CDNF30, 45, 60, 63, 100A3 | 1.4 | Yes | CDRKBS2 ^③ |
| Metal collar | | CDNF16 – CDNF100A3 | — | — | CDMCS2 |
| Set screw | | CDNF16, 25, 30, 32, 45, 60, 63, 100A3 | — | — | CDSWM5X8A |

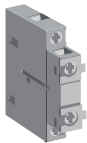
① Mounting depth is the distance from the outside of door to the disconnect switch mounting plate. Shaft can be cut to desired length.
 ③ Set screw CDSWM5X8A needed with replacement knobs CDRKBS__.

Accessories for 16A – 100A Non-fusible Disconnect Switches

Base and DIN rail mounted switches



CDAUX_



CDAUX11



CD_32PP



CD_63PP



CD_125PP

Auxiliary contacts^① — snap-on mounting

| Description | For use on: | Weight (lbs.) | AC thermal amp rating | AC rated voltage | Catalog number |
|-------------------------------------------------------------|--------------------|---------------|-----------------------|------------------|----------------|
| 1 N.O. mounts on right hand side of switch only | CDNF16 – CDNF100A3 | 0.07 | 10 | 600 | CDAUX10 |
| 1 N.C. mounts on left hand side of switch only | CDNF16 – CDNF100A3 | 0.07 | 10 | 600 | CDAUX01 |
| 1 N.O. + 1 N.C. mounts on left or right hand side of switch | CDNF16 – CDNF100A3 | 0.07 | 10 | 600 | CDAUX11 |

Max. two contacts on each side of switch

Power poles

- Only one power pole per switch
- Mounts on left or right side of switch

| Description | For use on: | Weight (lbs.) | AC thermal amp rating | AC rated voltage | Catalog number |
|------------------------------------|-------------------|---------------|-----------------------|------------------|----------------|
| Fourth pole ^② | CDNF16 - CDNF32A3 | 0.07 | 40 | 600 | CDS32PP |
| | CDNF30 - 60A3 | 0.13 | 60 | 600 | CDS60PP |
| | CDNF45 - 63A3 | 0.13 | 80 | 600 | CDS63PP |
| | CDNF - 100A3 | 0.31 | 100 | 600 | CDS125PP |
| Late-break/early-make ^② | CDNF16 - CDNF32A3 | 0.07 | 40 | 600 | CDL32PP |
| | CDNF30 - 60A3 | 0.13 | 60 | 600 | CDL60PP |
| | CDNF45 - 63A3 | 0.13 | 80 | 600 | CDL63PP |
| | CDNF - 100A3 | 0.31 | 100 | 600 | CDL125PP |

Terminal poles

- Switch accepts one terminal pole per side
- Mounts on left or right side of switch

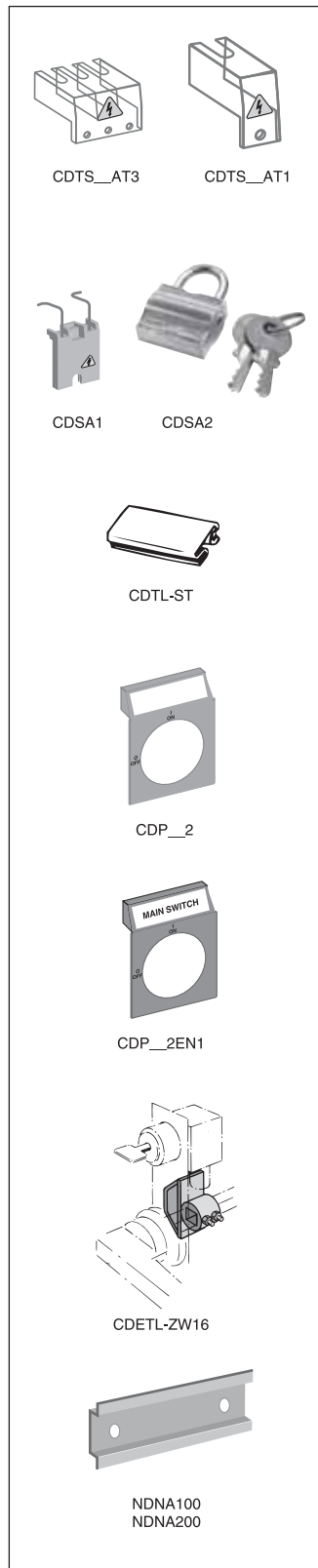
| Description | For use on: | Weight (lbs.) | AC thermal amp rating | AC rated voltage | Catalog number |
|---------------------------------|---------------|---------------|-----------------------|------------------|----------------|
| Solid neutral ^② | CDNF16 - 32A3 | 0.07 | 40 | 600 | CDN32TP |
| | CDNF45 - 63A3 | 0.13 | 80 | 600 | CDN63TP |
| | CDNF - 100A3 | 0.31 | 100 | 600 | CDN125TP |
| Detachable neutral ^② | CDNF16 - 32A3 | 0.07 | 40 | 600 | CDD32TP |
| | CDNF30 - 60A3 | 0.13 | 60 | 600 | CDD60TP |
| | CDNF45 - 63A3 | 0.13 | 80 | 600 | CDD63TP |
| | CDNF - 100A3 | 0.31 | 100 | 600 | CDD125TP |
| Ground terminal ^② | CDNF16 - 32A3 | 0.07 | 40 | 600 | CDE32TP |
| | CDNF30 - 60A3 | 0.13 | 60 | 600 | CDE60TP |
| | CDNF45 - 63A3 | 0.13 | 80 | 600 | CDE63TP |
| | CDNF - 100A3 | 0.31 | 100 | 600 | CDE125TP |

① UL File # E83510

② Switch accepts one power pole or one terminal pole per side. Only one power pole per switch.

Accessories for 16A – 100A Non-fusible Disconnect Switches

Base & DIN Rail Mounted



Terminal shrouds* — snap on mounting for line or load side

| Description | For use on: | Weight (lbs.) | Catalog number |
|----------------------------------------------------------|----------------------|---------------|-------------------------------------|
| 3 pole includes one shroud for line or load side | CDNF16, -25, -32 A3 | 0.02 | CDTS32AT3 CDTS63AT3 CDTS100T3 |
| | CDNF45, -63 A3 | 0.02 | |
| | CDNF30, -60, -100 A3 | 0.02 | |
| 4th pole includes one shroud for line or load side | CD_32PP | 0.02 | CDTS32AT1 CDTS63AT1 CDTS100T1 |
| | CD_63PP | 0.02 | |
| | CD_125PP | 0.02 | |

* All disconnects are IP20 touch safe as standard. Terminal shrouds provide an additional level of protection.

Padlocking adapter

| Description | For use on: | Weight (lbs.) | Catalog number |
|----------------------------------------------------------|---------------------------------|---------------|----------------|
| Adapter for one padlock with a max. 0.137" shackle | CDNF30, -45 A3 | 0.02 | CDSA1 |
| | CDNF60, -63 A3 CDNF - 100 A3 | | |
| Padlock for DS-SA1 | | 0.22 | CDSA2 |
| Adapter and padlock | | 0.24 | CDSA3 |

Labelling accessories

| Description | For use on: | Package quantity | Catalog number |
|-----------------------------------|---------------------------------------------------|------------------|----------------|
| 1 Pkg. of label carriers | CDNF30, -45 A3 CDNF60, -63 A3 CDNF - 100 A3 | 100 pieces | CDTL-ST |
| 1 Pkg of blank description labels | | 315 pieces | CDT-E |

Legend plates for selector handles

| Description | For use on: | Catalog number |
|--------------------------------|-------------|-----------------|
| Blank plate | Black | CBDH1S, CBDH15S |
| | Yellow | CBDH2S, CBDH16S |
| | Black | CBDH3S, CBDH5S |
| | Yellow | CBDH4S, CBDH6S |
| Plate marked with: MAIN SWITCH | Black | CBDH1S, CBDH15S |
| | Yellow | CBDH2S, CBDH16S |
| | Black | CBDH3S, CBDH5S |
| | Yellow | CBDH4S, CBDH6S |

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. | 6 & 8mm shafts | 0.29 | CDETL-ZW16 |

DIN rail

| Description | For use on: | Weight (lbs.) | Length inches/mm | Catalog number |
|------------------------|---------------------|---------------|------------------|----------------|
| 35mm DIN Rail | CDNF16 – CDNF100 A3 | 0.38 | 39.4/1000 | NDNA100 |
| 35mm Aluminum DIN Rail | CDNF16 – CDNF100 A3 | 0.75 | 78.8/1000 | NDNA200 |

Shaft support

| Description | For use on: | Weight (lbs.) | Catalog number |
|---------------|---------------------|---------------|----------------|
| Shaft support | CDNF16 – CDNF100 A3 | 0.30 | CDTL-ZX58 |

16A – 100A Non-fusible Disconnect Switches

Door Mounted

For a complete assembly,
please order one of each:

- 1 switch
- 1 handle



CDNF45A3D



CDH9S



CDNF16A3D
CDNF25A3D
CDNF32A3D



CDBH8S
CDBH12S



CDBH17S
CDBH19S



CDBH9S
CDBH13S



CDBH10S
CDBH14S

16 – 100 Amp switches, 600V, 3 pole^{①②③}

| UL general purpose amp rating | IEC AC21 amp rating | Maximum horsepower rating | | | | | | Terminal lugs | | Catalog number |
|-------------------------------|---------------------|---------------------------|------|------|-------------|------|------|---------------|-----------|----------------|
| | | Single phase | | | Three phase | | | Wire size | Wire type | |
| | | 120V | 240V | 200V | 240V | 480V | 600V | | | |
| 16 | 16 | 1/2 | 1.5 | 3 | 5 | 10 | 10 | #18 – 8 | Cu | CDNF16A3D |
| 25 | 25 | 3/4 | 2 | 7.5 | 7.5 | 15 | 15 | #18 – 8 | Cu | CDNF25A3D |
| 40 | 40 | 1 | 3 | 10 | 10 | 20 | 25 | #18 – 8 | Cu | CDNF32A3D |
| 60 ^④ | 63 | 2 | 5 | 15 | 15 | 30 | 20 | #14 – 4 | Cu | CDNF45A3D |
| 80 ^④ | 80 | 2 | 5 | 20 | 20 | 40 | 40 | #14 – 1 | Cu | CDNF63A3D |
| 30 ^④ | 40 | 2 | 5 | 10 | 10 | 20 | 30 | #14 – 4 | Cu | CDNF30A3D |
| 60 ^④ | 63 | 3 | 7.5 | 20 | 20 | 40 | 40 | #14 – 4 | Cu | CDNF60A3D |
| 100 ^④ | 115 | 5 | 15 | 25 | 25 | 50 | 40 | #8 – 1/0 | Cu | CDNF100A3D |

Selector handles

| NEMA/UL type | IEC type | Color | Defeatable | Padlockable | Weight (lbs) | Catalog number |
|--------------|----------|-------|------------|-------------|--------------|----------------|
|--------------|----------|-------|------------|-------------|--------------|----------------|

All marked both O/I & Off/On

Snap-on mounting — for use on CDNF16, 25, 32A3D

| Number of handles | IEC type | Color | Defeatable | Padlockable | Weight (lbs) | Catalog number |
|-------------------|----------|---------|------------|-------------|--------------|----------------|
| 1 | IP54 | Black | — | — | 0.10 | CBDH7S |
| 1 | IP54 | Red/Yel | — | — | 0.10 | CBDH8S |
| 1 | IP54 | Black | — | Yes | 0.13 | CBDH19S |
| 1 | IP54 | Red/Yel | — | Yes | 0.13 | CBDH20S |
| 1,3R,12 | IP65 | Black | — | Yes | 0.17 | CBDH9S |
| 1,3R,12 | IP65 | Red/Yel | — | Yes | 0.17 | CBDH10S |

Screw mounting — for use on CDNF16, 25, 32, 45 & 63A3D

| Number of handles | IEC type | Color | Defeatable | Padlockable | Weight (lbs) | Catalog number |
|-------------------|----------|---------|------------|-------------|--------------|----------------|
| 1 | IP54 | Black | — | — | 0.11 | CBDH11S |
| 1 | IP54 | Red/Yel | — | — | 0.11 | CBDH12S |
| 1 | IP54 | Black | — | Yes | 0.14 | CBDH17S |
| 1 | IP54 | Red/Yel | — | Yes | 0.14 | CBDH18S |
| 1,3R,12 | IP65 | Black | — | Yes | 0.18 | CBDH13S |
| 1,3R,12 | IP65 | Red/Yel | — | Yes | 0.18 | CBDH14S |

Door mounted switches do not provide door interlock

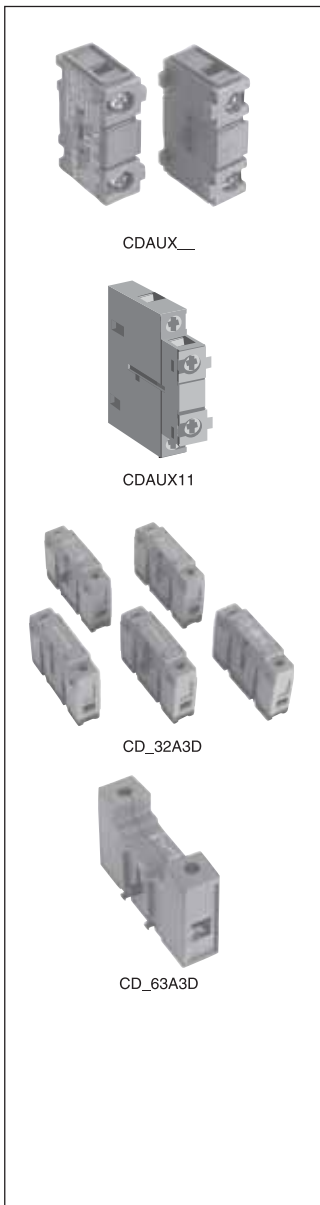
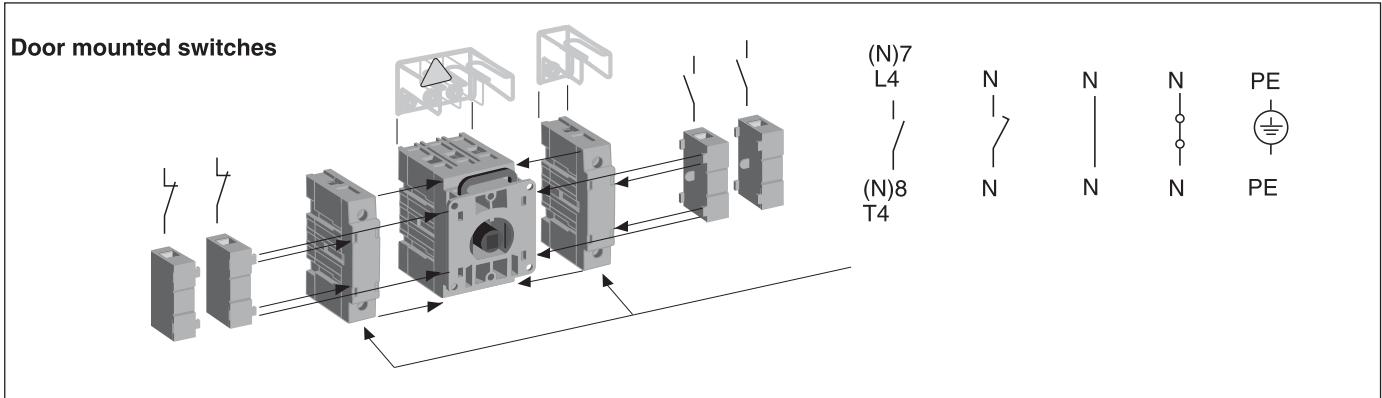
Pistol grip handle adapter

| Description | For use on: | Weight (lbs) | Catalog number |
|-----------------------------------------------------------------------|--------------------------|--------------|----------------|
| Adapter piece for pistol grip handle (Note: derates handle to NEMA 1) | CDNF30, CDNF60, CDNF100S | 0.18 | CDHZSX6 |

- ① A snap on fourth pole may be added
- ② Door mounted switches do not require shafts.
- ③ CDNF16, 25, 32, 45 & 63 door mounted switches will not accept pistol handles.
- ④ CDNF45 & 63 door mounted switches can only use screw mounted handles.

Accessories for 16 – 100A Non-fusible Disconnect Switches

Door Mounted



Auxiliary contacts[®] — snap-on mounting

| Description | For use on: | Weight (lbs) | AC thermal amp rating | AC rated voltage | Catalog number |
|-------------------------------------------------------------|------------------------|--------------|-----------------------|------------------|----------------|
| 1 N.O. mounts on righthand side of switch | CDNF16A3D - CDNF100A3D | 0.07 | 10 | 600 | CDAUX10 |
| 1 N.C. mounts on lefthand side of switch | | 0.07 | 10 | 600 | CDAUX01 |
| 1 N.O. + 1 N.C. mounts on left or right hand side of switch | | 0.07 | 10 | 600 | CDAUX11 |

Max. two contacts on each side of switch

Power poles

- Only one power pole per switch
- Mounts on left or right side of switch

| Description | For use on: | Weight (lbs) | AC thermal amp rating | AC rated voltage | Catalog number |
|------------------------------------|----------------------------|--------------|-----------------------|------------------|----------------|
| Fourth pole [®] | CDNF16A3D, -25A3D, -32A3D | 0.07 | 40 | 600 | CDS32PD |
| | CDNF30A3D, -60A3D | 0.13 | 60 | 600 | CDS60PD |
| | CDNF45A3D, -63A3D | 0.13 | 80 | 600 | CDS63PD |
| | CNDNF100A3D | 0.20 | 100 | 600 | CDS100PD |
| Late-break/early-make [®] | CDNF16A3D, -25A3D, -32A3D | 0.07 | 40 | 600 | CDL32PD |
| | CDNF45A3D, -63A3D | 0.13 | 80 | 600 | CDL63PD |
| | CDNF30A3D, -60A3D, -100A3D | 0.20 | 100 | 600 | CDL100PD |

Terminal poles

- Switch accepts one terminal pole per side
- Mounts on left or right side of switch

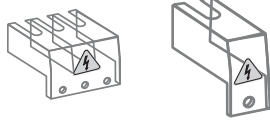
| Description | For use on: | Weight (lbs) | AC thermal amp rating | AC rated voltage | Catalog number |
|------------------------------|---------------------------|--------------|-----------------------|------------------|----------------|
| Solid neutral [®] | CDNF16A3D, -25A3D, -32A3D | 0.07 | 40 | 600 | CDN32PD |
| | CDNF30A3D, -60A3D | 0.17 | 60 | 600 | CDN60PD |
| | CDNF45A3D, -63A3D | 0.13 | 80 | 600 | CDN63PD |
| | CNDNF100A3D | 0.20 | 100 | 600 | CDN100PD |
| Ground terminal [®] | CDNF16A3D, -25A3D, -32A3D | 0.07 | 40 | 600 | CDE32PD |
| | CDNF30A3D, -60A3D | 0.13 | 60 | 600 | CDE32PD |
| | CDNF45A3D, -63A3D | 0.13 | 80 | 600 | CDE63PD |
| | CNDNF100A3D | 0.20 | 100 | 600 | CDE100PD |

UL File # E83510

Switch accepts one power pole or one terminal pole per side. Only one power pole per switch.

Accessories for 16A – 100A Non-fusible Disconnect Switches

Door Mounted



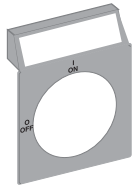
CDTS_AT3

CDTS_AT1

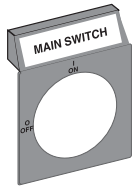
Terminal shrouds* — snap-on mounting for line or load side

| Description | For use on: | Weight (lbs) | Catalog number |
|--------------------------------------------------------|--------------------|--------------|-------------------------------------|
| 3 pole includes one shroud for line or load side | CDNF16D, 25D, 32D | 0.02 | CDTS32AT3 CDTS63AT3 CDTS100T3 |
| | CDNF45D & 63D | 0.02 | |
| | CDNF30D, 60D, 100D | 0.02 | |
| 4 pole includes one shroud for line or load side | CD_32D | 0.02 | CDTS32AT1 CDTS63AT1 CDTS100T1 |
| | CD_63D | 0.02 | |
| | CD_100D | 0.02 | |

* All disconnects are IP20 touch safe as standard. Terminal shrouds provide an additional level of protection.



CDP_



CPP_EN1



CDBY68140

Legend plates for selector handles

| Description | For use on: | Catalog number |
|--------------------------------|-----------------|----------------|
| Blank plate | | |
| Black | CBDH1S, CBDH15S | CDPB1 |
| Yellow | CBDH2S, CBDH16S | CDPY1 |
| Black | CBDH3S, CBDH5S | CDPB2 |
| Yellow | CBDH4S, CBDH6S | CDPY2 |
| Plate marked with: MAIN SWITCH | | |
| Black | CBDH1S, CBDH15S | CDPB1EN1 |
| Yellow | CBDH2S, CBDH16S | CDPY1EN1 |
| Black | CBDH3S, CBDH5S | CDPB2EN1 |
| Yellow | CBDH4S, CBDH6S | CDPY2EN1 |

Locking clip (replacement part)

| Description | For use on: | Catalog number |
|--------------------------------------------|----------------------------------------|----------------|
| Door mounted switch handle locking clip | CDNF16DA3D CDNF25DA3D CDNF32DA3D | CDBY68140 |

125A Non-fusible Disconnect Switches

For a complete assembly,
please select one of each:

- 1 switch
- 1 handle
- 1 shaft



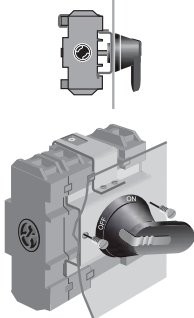
CDNF160



BDS210



BDH60



CDNF160D



BDH60



BDH61



BDS__



BDST__

125 Amp Base & DIN rail mounted switches^①, 600V

| UL 98 general purpose amp rating | IEC AC21 amp rating | Maximum horsepower rating | | | | | Terminal lugs | | Catalog number |
|-------------------------------------------|------------------------------|---------------------------|------|------|------|------|---------------|-----------|-------------------|
| | | Three phase | | | | | Wire size | Wire type | |
| | | 200V | 208V | 240V | 480V | 600V | | | |
| 2 pole | | | | | | | | | |
| 100 | 160 | — | — | — | — | — | #8 – 1/0 | Cu | CDNF160-2 |
| 3 pole | | | | | | | | | |
| 100 | 160 | 30 | 30 | 30 | 60 | 75 | #8 – 1/0 | Cu | CDNF160 |

125 Amp Door mounted switch^①, 600V, 3 pole

| UL 98 general purpose amp rating | IEC AC21 amp rating | Maximum horsepower rating | | | | | Terminal lugs | | Catalog number |
|-------------------------------------------|------------------------------|---------------------------|------|------|------|------|---------------|-----------|-------------------|
| | | Three phase | | | | | Wire size | Wire type | |
| | | 200V | 208V | 240V | 480V | 600V | | | |
| 100 | 160 | 30 | 30 | 30 | 60 | 75 | #8 – 1/0 | Cu | CDNF160D |

Pistol handles — for use with $\square .24 \times .24$ " ($\square 6 \times 6$ mm)

| NEMA type | IEC type | Color | Length in/mm | Marking | Defeat- able | Padlock- able | 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 | IP66 | Black | 3.1/80 | O/I & Off/On | Yes | Yes | 0.30 | CDHXB86 |
| 1, 3R, 4, 4X, 12 | IP66 | Red/Yel | 3.1/80 | O/I & Off/On | Yes | Yes | 0.30 | CDHXY86 |

Shafts — for use with pistol handles $\square .24 \times .24$ " ($\square 6 \times 6$ mm)

| Shaft length inches/mm | | Mounting depth ^② in inches | Weight (lbs) | Catalog number |
|---------------------------|--|------------------------------------------|-----------------|-------------------|
| 5.2/130 | | 4.3 – 6.0 | 0.08 | BDS130 |
| 5.9/150 | | 5.0 – 6.7 | 0.09 | BDS150 |
| 8.3/210 | | 7.4 – 9.1 | 0.13 | BDS210 |
| 11.4/290 | | 10.5 – 12.2 | 0.18 | BDS290 |
| 14.2/360 | | 13.3 – 15.0 | 0.23 | BDS360 |
| 16.9/430 | | 16.0 – 17.8 | 0.27 | BDS430 |

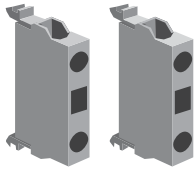
Twisted shafts — Rotates handle 45° $\square .24 \times .24$ " ($\square 6 \times 6$ mm)

| Shaft length inches/mm | | Mounting depth ^② in inches | Weight (lbs) | Catalog number |
|---------------------------|--|------------------------------------------|-----------------|-------------------|
| 5.2/130 | | 4.3 – 6.0 | 0.08 | BDST4 |
| 8.3/210 | | 7.4 – 9.1 | 0.13 | BDST25 |
| 11.4/290 | | 10.5 – 12.2 | 0.18 | BDST29 |
| 14.2/360 | | 13.3 – 15.0 | 0.23 | BDST30 |

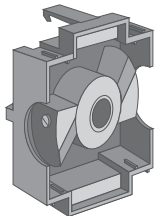
① A snap on fourth pole may be added

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

Accessories for 125A Non-fusible Disconnect Switches



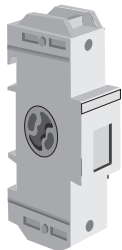
CDAUXCA10 CDAUXCA01



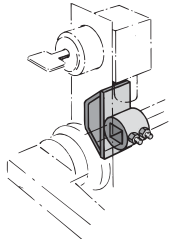
CDAUXB160



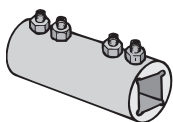
CDAUX16011 CDMB160



CD_160P



CDETL-ZW16



BDZX167
BDZX95

Auxiliary contacts, top mounted

- Accepts four contacts maximum, mounting base always required

| Description | For use on: | Weight (lbs) | AC thermal amp rating | AC rated voltage | Catalog number |
|--------------------------------------------------------------------|-------------|--------------|-----------------------|------------------|------------------------|
| 1 N.O. 1 N.C. | CDNF160 | 0.07 | 10 10 | 600 600 | CDAUXCA10 CDAUXCA01 |
| 1 N.O. gold plated ^① 1 N.C. gold plated ^① | CDNF160 | 0.07 | 10 10 | 600 600 | CDEA-10AU CDEA-01AU |
| Mounting base – required for CDAUX_ | CDAUX_ | 0.06 | — | — | CDAUXB160 |

Auxiliary contacts, side mounted

- Accepts four contacts maximum

| Description | For use on: | Weight (lbs) | AC thermal amp rating | AC rated voltage | Catalog number |
|----------------------------------------|-------------|--------------|-----------------------|------------------|----------------|
| 1 N.O. & 1 N.C. | CDNF160 | 0.07 | 10 | 600 | CDAUX16011 |
| Mounting base, required for CDAUX16011 | CDNF160 | 0.06 | — | — | CDMB160 |

Max. two contacts on each side of switch. One mounting base required for each side of switch

Numbering stickers^②

| Description | For use on: | Package qty. | Catalog number |
|--------------------------------------------|-------------|--------------|----------------|
| 1 Pkg. of blank labels for OBEA-10, 1 N.O. | CDNF160 | 10 | CDEA-ZX10 |
| 1 Pkg. of blank labels for OBEA-01, 1 N.C. | CDNF160 | 10 | CDEA-ZX01 |

Power pole — for use with base or door mounted switch

- Only one power pole per switch
- Mounts on left or right side of switch

| Description | For use on: | Weight (lbs) | AC thermal amp rating | AC rated voltage | Catalog number |
|-------------|-------------|--------------|-----------------------|------------------|----------------|
| Fourth pole | CDNF160 | 0.66 | 125 | 600 | CDS160P |

Terminal poles — for use with base or door mounted switch

- Switch accepts one terminal pole per side
- Mounts on left or right side of switch

| Description | For use on: | Weight (lbs) | AC thermal amp rating | AC rated voltage | Catalog number |
|---------------------------------------------------------------|-------------|--------------|-----------------------|------------------|----------------|
| Detachable solid neutral mounts on side of switch or DIN rail | CDNF160 | 0.66 | 125 | 600 | CDN160P |
| Ground terminal | CDNF160 | 0.66 | 125 | 600 | CDE160P |

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 |

Handle support bracket

| Description | For use on: | Weight (lbs) | Catalog number |
|-----------------------------------------------------------------------|-------------|--------------|----------------|
| Allows pistol handle to be directly mounted to switch behind the door | CDNF160 | 0.33 | CDZX5 |

Shaft extension couplers

| Description | For use on: | Weight (lbs) | Catalog number |
|------------------------------------------------------------------------------|-----------------------------------|--------------|-------------------|
| Joins two shafts together for applications where extended length is required | for 6mm shafts for 12mm shafts | 0.26 0.26 | BDZX167 BDZX95 |

^① Type _AU for low energy applications. The contacts are gold-plated. AC & DC ratings — Maximum: A600 & P600. Minimum: 12V, 1mA; 5V, 2mA
^② Required if several contact blocks are used in the same installation.

200A Non-fusible Disconnect Switches

For a complete assembly,
please select one of each:

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



CDNF200U03



BDS210



BDH60



CDTL200

Non-Fusible 3 pole and 4 pole 200A Switch

200 AMP, 600V

| UL general purpose amp rating | IEC AC21 Amp Rating | Maximum horsepower rating | | | | | Catalog number |
|----------------------------------------|---------------------------|---------------------------|------|------|------|------|-------------------|
| | | Three phase | | | | | |
| | | 200V | 208V | 240V | 480V | 600V | |
| 3 pole | | | | | | | |
| 200 | 250 | 60 | 60 | 75 | 250 | 200 | CDNF200U03 |
| 4 pole | | | | | | | |
| 200 | 250 | 60 | 60 | 75 | 250 | 200 | CDNF200U04 |



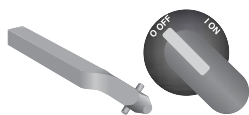
BDH60, CDHXB86



BDH59, 61



BDS_



BDST_1

Pistol handles - $\square .24 \times .24$ " ($\square 6 \times 6$ mm)

| UL/NEMA type | IEC type | Color | Length inches/mm | Marking | Defeatable | Padlockable | Weight (lbs) | Catalog number |
|--------------|----------|---------|---------------------|--------------|------------|-------------|-----------------|-------------------|
| 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 - $\square .24 \times .24$ " ($\square 6 \times 6$ mm)

| Shaft length (inches/mm) | Mounting dept (inches) | Weight (lbs) | Catalog number |
|-----------------------------|---------------------------|-----------------|----------------|
| 5.2/130 | 4.3-6.5 | 0.08 | BDS130 |
| 5.9/150 | 5.0-7.2 | 0.09 | BDS150 |
| 8.3/210 | 7.4-9.6 | 0.13 | BDS210 |
| 11.4/290 | 10.5-12.7 | 0.18 | BDS290 |
| 14.2/360 | 13.3-15.5 | 0.23 | BDS360 |
| 16.9/430 | 16.0-18.2 | 0.27 | BDS430 |

Twisted shafts - rotates handle 45° $\square .24 \times .24$ " ($\square 6 \times 6$ mm)

| Shaft length (inches/mm) | Mounting dept (inches) | Weight (lbs) | Catalog number |
|-----------------------------|---------------------------|-----------------|----------------|
| 5.1/130 | 4.29-6.85 | 0.08 | BDST4 |
| 8.3/210 | 7.44-10.0 | 0.13 | BDST25 |
| 11.4/290 | 10.59-13.15 | 0.18 | BDST29 |

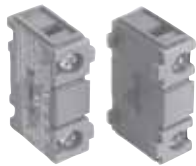
Direct mount handle - TEST-OFF-ON

| Description | Color | (lbs) | Catalog number |
|-------------------------------------------------------------------|---------|-------|----------------|
| Up to 3 padlocks in OFF-position. Includes shaft and mechanism | Black | 0.22 | CDHTB20 |
| | Red/Yel | 0.22 | CDHTY20 |

Accessories for 200A Non-fusible Disconnect Switches



CDTL200



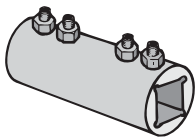
CDAUX10, CDAUX01K



CDS250G1S/3



CDS250G1L/3



BDZX167, BDZW95

Terminal Lug Kits

| For use on: | Wire Size | Wire Type | Description | Terminal lugs per kit | Weight (lbs) | Catalog number |
|-------------|--------------|-----------|------------------|-----------------------|--------------|----------------|
| CDNF200U03 | #4-300kcmil | | --- | 6 | 0.5 | CDTL200 |
| CDNF200U04 | #4-300kcmil | | --- | 3 | 0.25 | CDTL200/3P |
| | (6) 14-6 AWG | Cu/Al | Distribution lug | 3 | 0.25 | CDTL206 |

Auxiliary Contacts

| Description | For use on: | Weight (lbs) | Catalog number |
|-------------|----------------|--------------|----------------|
| 1 N.O. | CDNF200U03 and | 0.07 | CDAUX10 |
| 1 N.C. | CDNF200U04 | 0.07 | CDAUX01K |

Module for auxiliary contacts

| Description | Weight (lbs) | Catalog number |
|-----------------------------------------------|--------------|----------------|
| Screw mounting to the left side of the switch | 0.1 | CDAUXM28 |

Terminal shrouds

| For use on: | Description | Number of poles | Weight (lbs) | Catalog number |
|------------------------------|-------------|-----------------|--------------|----------------|
| CDNF200U03 and CDNF200U04 | Long type | 3 | 0.2 | CDTS250G1L/3 |
| | Short type | 3 | 0.13 | CDTS250G1S/3 |
| | Long type | 4 | 0.26 | CDTS250G1L/4 |
| | Short type | 4 | 0.18 | CDTS250G1S/4 |

Terminal poles

| Description | Weight (lbs) | AC thermal amp rating | AC rated voltage | Catalog number |
|-----------------------------------------------------------|--------------|-----------------------|------------------|----------------|
| Mounting separately on base, plate protected construction | 0.88 | 200 | 600 | CDD200P |

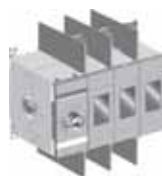
Shaft extension coupler

| Description | For use on: | Weight (lbs) | Catalog number |
|------------------------------------------------------------------------------|---------------------------|--------------|-------------------|
| Joins two shafts together for applications where extended length is required | 6mm shafts 12mm shafts | 0.26 | BDZX167 BDZX95 |

400A Non-fusible Disconnect Switches

For a complete assembly,
please select one of each:

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



CDNF400U03



BDS280



BDH114



CDTL400



CDNF400U03



BDH112-117



BDS_



BDS_45



CDTL400

Non-Fusible 3 pole and 4 pole 400A Switch

200 AMP, 600V

| UL general purpose amp rating | IEC AC21 Amp Rating | Maximum horsepower rating | | | | | Catalog number |
|-------------------------------|---------------------|---------------------------|------|------|------|------|----------------|
| | | Three phase | | | | | |
| | | 200V | 208V | 240V | 480V | 600V | |
| 3-pole | | | | | | | |
| 400 | 630 | 100 | 100 | 125 | 250 | 350 | CDNF400U03 |
| 4-pole | | | | | | | |
| 400 | 630 | 100 | 100 | 125 | 250 | 350 | CDNF400U04 |

Pistol handles - $\square .47 \times .47''$ ($\square 12 \times 12\text{mm}$)

| UL/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/Yel | 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/Yel | 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/Yel | 6.9/175 | O/I & Off/On | Yes | Yes | 0.41 | BDH117 |
| 1,3R,4,4X,12 | IP66 | Black | 5.7/145 | O/I & Off/On | Yes | Yes | 0.39 | CDHXB12 |
| 1,3R,4,4X,12 | IP66 | Red/Yel | 5.7/145 | O/I & Off/On | Yes | Yes | 0.39 | CDHXY12 |
| 1,3R,4,4X,12 | IP66 | Black | 6.9/175 | O/I & Off/On | Yes | Yes | 0.41 | CDHXB22 |
| 1,3R,4,4X,12 | IP66 | Red/Yel | 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 | BDHB |

Shafts - $\square .47 \times .47''$ ($\square 12 \times 12\text{mm}$)

| Shaft length (inches/mm) | Mounting dept (inches) | Weight (lbs) | Catalog number |
|--------------------------|------------------------|--------------|----------------|
| 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 |

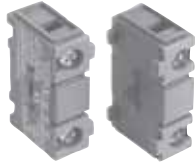
Twisted shafts - rotates handle 45° $\square .47 \times .47''$ ($\square 12 \times 12\text{mm}$)

| Shaft length (inches/mm) | Mounting dept (inches) | Weight (lbs) | Catalog number |
|--------------------------|------------------------|--------------|----------------|
| 11.0/280 | 10.2-14.5 | 0.77 | BDS28045 |
| 12.8/325 | 12.0-16.3 | 0.90 | BDS32545 |
| 18.3/465 | 17.5-21.5 | 1.32 | BDS46545 |

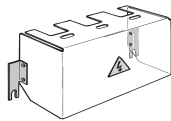
Direct mount handle - TEST-OFF-ON

| Description | Color | (lbs) | Catalog number |
|-------------------------------------------------------------------|---------|-------|----------------|
| Up to 3 padlocks in OFF-position. Includes shaft and mechanism | Black | 0.44 | CDHTB40 |
| | Red/Yel | 0.44 | CDHTY40 |

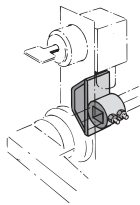
400A Non-fusible Disconnect Switches



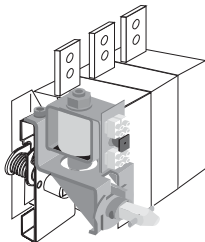
CDAUX10, CDAUX01k



CDS403



CDETL-ZW5_



BDZW95

Terminal Lug Kits

| For use on: | Wire Size | Wire Type | Description | Terminal lugs per kit | Weight (lbs) | Catalog number |
|-------------|--------------|-----------|------------------|-----------------------|--------------|----------------|
| CDNF400U03 | #2-600kcmil | | --- | 6 | 0.5 | CDTL400 |
| CDNF400U04 | #2-600kcmil | | --- | 3 | 0.5 | CDTL400/3P |
| | (6) 14-6 AWG | Cu/Al | Distribution lug | 3 | 0.5 | CDTL406 |

Auxiliary Contacts

Mounting on the left side of the switch: Max. 8 auxiliary contact blocks with the CDAUXM28

Mounting under the mechanism cover: Max. 4 auxiliary contact blocks

| Description | For use on: | Weight (lbs) | Catalog number |
|-------------|------------------------|--------------|----------------|
| 1 N.O. | CDNF400U03, CDNF400U04 | 0.07 | CDAUX10 |
| 1 N.C. | | 0.07 | CDAUX01K |

Module for auxiliary contacts

| Description | Weight (lbs) | Catalog number |
|-----------------------------------------------|--------------|----------------|
| Screw mounting to the left side of the switch | 0.1 | CDAUXM28 |

Terminal shrouds

| For use on: | Description | Number of poles | Weight (lbs) | Catalog number |
|-------------|-------------|-----------------|--------------|-----------------|
| CDNF400U03 | 3 pole | | | CDS403 |
| CDNF400U04 | | | | CONTACT FACTORY |

Locking accessories

| Description | For use on | Weight (lbs) | Catalog number |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------------|----------------|
| Cam attachment for Kirk Key, Castell, Lowe & Fletcher and Ronis interlock. Cam attachment for adapting to the interlock system. The interlock is not included. | 12mm shafts | 0.29 | CDETL-ZW5 |

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 |

Accessories for 600A – 800A Non-fusible Disconnect Switches

For a complete assembly, please select one of each:

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



BDNF600A

+



BDS280

+



BDH116

+



BDTL26



BDNF800A



BDH112-117



BDS280



BDS_45


600 – 800 Amp switches, 600V

| UL general purpose amp rating | IEC AC21 amp rating | Maximum horsepower rating | | | | | Catalog number |
|-------------------------------|---------------------|---------------------------|------|------|------|------|------------------------|
| | | 200V | 208V | 240V | 480V | 600V | |
| 2 pole | 600 | — | — | — | — | — | BDNF600A2 BDNF800A2 |
| | 800 | — | — | — | — | — | |
| 3 pole | 600 | 150 | 150 | 200 | 400 | 500 | BDNF600A BDNF800A |
| | 800 | 200 | 200 | 250 | 500 | 600 | |
| 4 pole | 600 | 150 | 150 | 200 | 400 | 500 | BDNF600A4 BDNF800A4 |
| | — | 1250 | 200 | 200 | 250 | 500 | |


Pistol handles — for use with shafts $\square .47 \times .47''$ ($\square 12 \times 12 \text{ mm}$)

| NEMA type | IEC type | Color | Length in/mm | Marking | Defeatable | Padlockable | Weight (lbs) | Catalog number |
|--------------|----------|-------|--------------|--------------|------------|-------------|--------------|----------------|
| 1,3R,12 | IP65 | Blk | 4.9/125 | O/I & Off/On | Yes | Yes | 0.39 | BDH112 |
| 1,3R,12 | IP65 | R/Y | 4.9/125 | O/I & Off/On | Yes | Yes | 0.39 | BDH113 |
| 1,3R,12 | IP65 | Blk | 5.7/145 | O/I & Off/On | Yes | Yes | 0.39 | BDH114 |
| 1,3R,12 | IP65 | R/Y | 5.7/145 | O/I & Off/On | Yes | Yes | 0.39 | BDH115 |
| 1,3R,12 | IP65 | Blk | 6.9/175 | O/I & Off/On | Yes | Yes | 0.41 | BDH116 |
| 1,3R,12 | IP65 | R/Y | 6.9/175 | O/I & Off/On | Yes | Yes | 0.41 | BDH117 |
| 1,3R,4,4X,12 | IP66 | Blk | 5.7/145 | O/I & Off/On | Yes | Yes | 0.39 | CDHXB12 |
| 1,3R,4,4X,12 | IP66 | R/Y | 5.7/145 | O/I & Off/On | Yes | Yes | 0.39 | CDHXY12 |
| 1,3R,4,4X,12 | IP66 | Blk | 6.9/175 | O/I & Off/On | Yes | Yes | 0.41 | CDHXB22 |
| 1,3R,4,4X,12 | IP66 | R/Y | 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 |

Shafts — for use with pistol handles $\square .47 \times .47''$ ($\square 12 \times 12 \text{ mm}$)

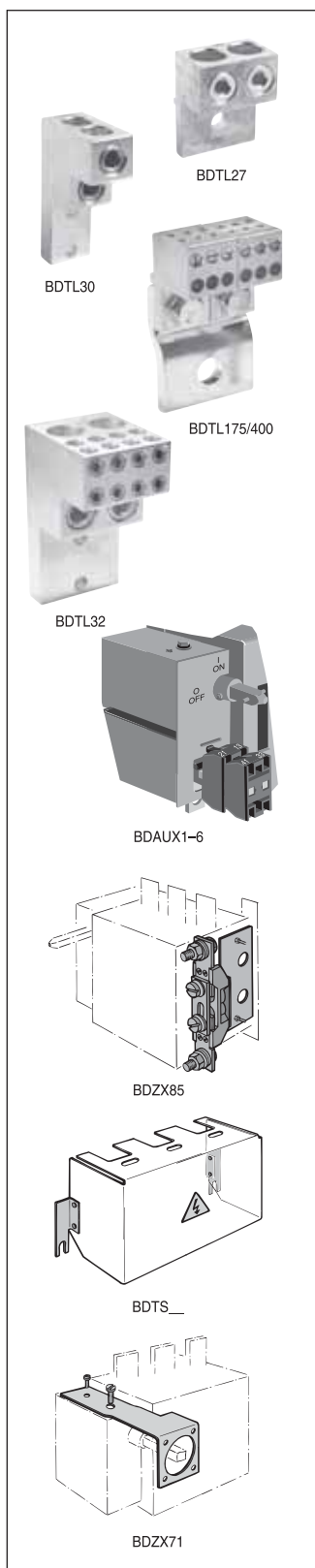
| Shaft length inches/mm |  Mounting depth ^① in inches | Weight (lbs) | Catalog number |
|------------------------|---------------------------------------------------------------------------------------------------------------------------|--------------|----------------|
| 11.0/280 | 10.2 – 14.5 | 0.77 | 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 |

Twisted shafts —rotates handle 45° $\square .47 \times .47''$ ($\square 12 \times 12 \text{ mm}$)

| Shaft length inches/mm |  Mounting depth ^① in inches | Weight (lbs) | Catalog number |
|------------------------|---------------------------------------------------------------------------------------------------------------------------|--------------|----------------|
| 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 |

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.

Accessories for 600A – 800A Non-fusible Disconnect Switches



Terminal lug kits

| For use on: | Wire size | Kit weight (lbs.) | Wire type | Terminal lugs per kit | Kit catalog number |
|-----------------------|---------------------------|-------------------|-----------|-----------------------|--------------------|
| BDNF600A | (2) #2 – 600 kcmil | 4.62 | Cu/Al | 6 | BDTL27 |
| BDNF800A | (2) #2 – 600 kcmil | 6.90 | Cu/Al | 6 | BDTL30 |
| BDNF800A ^① | (8) 2/0 + (2)#2 600 kcmil | 6.90 | Cu/Al | 3 | BDTL32 |
| BDNF600A ^① | (12) #14 – 6 | 1.10 | Cu/Al | 6 | BDTL175/400 |

Auxiliary contacts^②

| Description | For use on: | Weight (lbs) | AC thermal amp rating | AC rated voltage | Catalog number |
|-----------------|-----------------------|--------------|-----------------------|------------------|----------------|
| 1 N.O. + 1 N.C. | BDNF600 – BDNF800A | 0.20 | 10 | 600 | BDAUX1 |
| 2 N.O. + 2 N.C. | | 0.26 | 10 | 600 | BDAUX2 |
| 4 N.O. + 4 N.C. | | 0.40 | 10 | 600 | BDAUX3 |
| 2 N.O. | | 0.18 | 10 | 600 | BDAUX4 |
| 4 N.O. | | 0.25 | 10 | 600 | BDAUX5 |
| 8 N.O. | | 0.40 | 10 | 600 | BDAUX6 |

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 | BDNF600A | 1.04 | 400 | 600 | BDZX85 |

Terminal shrouds

| Description | For use on: | Weight (lbs) | | Catalog number |
|-------------------------------------------|-------------|--------------|--|----------------|
| Includes one shroud for line or load side | BDNF600A | 0.62 | | BDTS4 |
| | BDNF800A | 0.66 | | BDTS6A |
| | BDNF800A | 0.88 | | BDTS8A |

Handle support bracket

| Description | For use on: | Weight (lbs) | | Catalog number |
|----------------------------------------------------------------|-------------|--------------|--|----------------|
| Allows handle to be directly mounted to switch behind the door | BDNF600A | 0.51 | | BDZX73 |
| | BDNF800A | 0.88 | | BDZX71 |

^① A load side distribution lug eliminates the need to purchase, install and wire a separate distribution block.
^② UL File E57057

1200A – 3150A Non-fusible Disconnect Switches

For a complete assembly please select one of each:

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



BDNF1200



BDS280



BDH117



BDTL28



BDNF1600
BDNF2000
BDNF3150



BDH114



BDH115



BDH8



BDS325

1200 – 3150 Amp switches, 600V

| UL general purpose amp rating | IEC AC21 amp rating | Maximum horsepower rating | Catalog number |
|-------------------------------|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|
| 2 pole | | The US National Electric Code does not specify HP ratings for switches this large. Please select a switch based on 115% of application FLA. For example: a motor with an FLA of 800A would require a 1200A switch: 800A x 115% = 920A, the closest higher rated switch is 1200A. | BDNF12002 BDNF16002 BDNF20002 BDNF31502 |
| 1200 | 1600 | | |
| 1600 | 2500 | | |
| 2000 | 2500 | | |
| — | 3150 | | BDNF1200 BDNF1600 BDNF2000 BDNF3150 |
| 3 pole | | | |
| 1200 | 1600 | | |
| 1600 | 2500 | | |
| 2000 | 2500 | | BDNF12004 BDNF16004 BDNF20004 BDNF31504 |
| — | 3150 | | |
| 4 pole | | | |
| — | 1600 | | |
| — | 2500 | | |
| — | 2500 | | |
| — | 3150 | | |

Pistol handles — for use with shaft .47 x .47" (12 x 12mm)

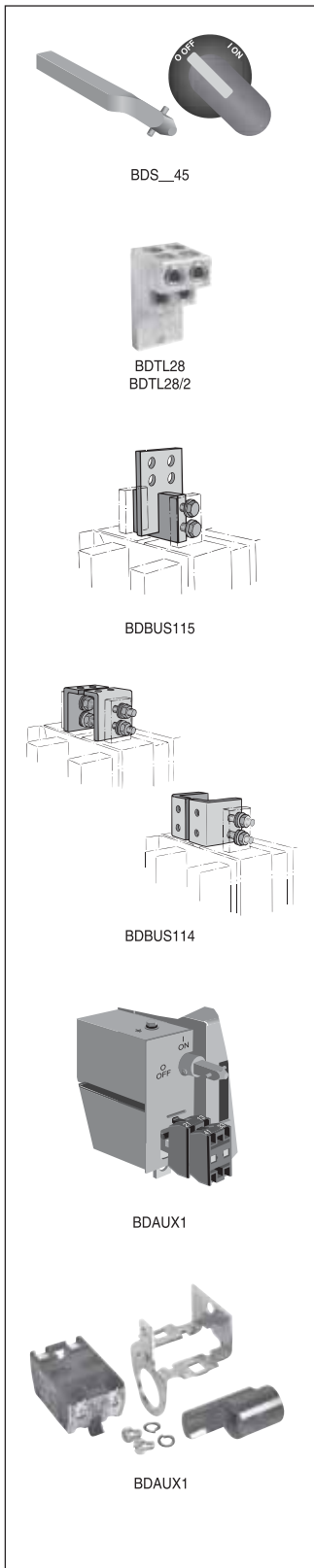
| NEMA type | IEC type | Color | Length mm | Marking | Defeatable | Padlockable | Weight (lbs) | Catalog number |
|-------------------------------------|----------|------------|-----------|--------------|------------|-------------|--------------|----------------|
| For use with BDNF1200 | | | | | | | | |
| 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 | IP66 | Black | 5.7/145 | O/I & Off/On | Yes | Yes | 0.39 | CDHXB12 |
| 1,3R,4,4X,12 | IP66 | Red/Yellow | 5.7/145 | O/I & Off/On | Yes | Yes | 0.39 | CDHXY12 |
| 1,3R,4,4X,12 | IP66 | 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 |
| For use with BDNF1600 – 3150 | | | | | | | | |
| 1,3R,4,4X,12 | IP65 | Metal | 8.7/220 | Off/On | — | Yes | 1.50 | BDH8 |

Shafts — for use with pistol handles .47 x .47" (12 x 12 mm)

| Shaft length inches/mm | Mounting depth [Ⓢ] in inches | Weight (lbs) | Catalog number |
|-------------------------------------|---------------------------------------|--------------|----------------|
| For use with BDNF1200 | | | |
| 11.0/280 | 11.6 – 15.3 | 0.77 | BDS280 |
| 12.8/325 | 13.7 – 17.1 | 0.90 | BDS325 |
| 15.6/397 | 16.2 – 19.9 | 1.10 | BDS395 |
| 18.3/465 | 18.9 – 22.6 | 1.32 | BDS465 |
| 21.1/536 | 21.7 – 25.4 | 1.54 | BDS535 |
| For use with BDNF1600 – 3150 | | | |
| 12.8/325 | 13.7 – 17.1 | 0.90 | BDS325 |
| 15.6/397 | 16.2 – 19.9 | 1.10 | BDS395 |
| 18.3/465 | 18.9 – 22.6 | 1.32 | BDS465 |
| 21.1/536 | 21.7 – 25.4 | 1.54 | BDS535 |

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

Accessories for 1200A – 3150A Non-fusible Disconnect Switches



Twisted shafts – Rotates handle 45° □ .47 x .47" (□12 x 12 mm)

| Shaft length inches/mm | Mounting depth ^① in inches | Weight (lbs) | Catalog number |
|-------------------------------------|------------------------------------------|-----------------|-------------------|
| For use with BDNF1200 | | | |
| 11.0/280 | 11.6 – 15.3 | 0.77 | BDS28045 |
| 12.8/325 | 13.7 – 17.1 | 0.90 | BDS32545 |
| 18.3/465 | 18.9 – 22.6 | 1.32 | BDS46545 |
| For use with BDNF1600 – 3150 | | | |
| 12.8/325 | 16.2 – 19.9 | 0.90 | BDS32545 |
| 18.3/465 | 18.9 – 22.6 | 1.32 | BDS46545 |

Terminal lug kits

| For use on: | Wire size | Kit weight (lbs.) | Wire type | Terminal lugs per kit | Kit catalog number |
|----------------------------------|---------------------------|----------------------|--------------|--------------------------|-----------------------|
| BDNF1200 & BDNF1600 | (4) #2 – 600kcmil | 10.44 | Cu/Al | 6 | BDTL28 |
| BDNF1200 & BDNF1600 ^② | (8) 2/0 + (2) #2 600kcmil | 10.44 | Cu/Al | 3 | BDTL32 |
| BDNF2000 & BDNF3150 | (8) #2 – 600kcmil | 20.88 | Cu/Al | 12 | BDTL28/2 |

BDTL32 Power distribution lugs eliminate the need to purchase a separate distribution block

Busbar connections

| Description | For use on: | Weight (lbs) | Catalog number |
|--------------------------------------------------------------------------|-------------|-----------------|-------------------|
| Vertical mounting ^③ Vertical, back or edgewise mounting | BDNF1600 – | 46.2 | BDBUS115 |
| | BDNF3150 | 31.0 | BDBUS114 |

Auxiliary contacts^④

| Description | For use on: | Weight (lbs) | AC thermal amp rating | AC rated voltage | Catalog number |
|-----------------|------------------------|-----------------|--------------------------|---------------------|-------------------|
| 1 N.O. + 1 N.C. | BDNF1200 – BDNF3150 | 0.20 | 10 | 600 | BDAUX1 |
| 2 N.O. + 2 N.C. | | 0.26 | 10 | 600 | BDAUX2 |
| 4 N.O. + 4 N.C. | | 0.40 | 10 | 600 | BDAUX3 |
| 2 N.O. | | 0.18 | 10 | 600 | BDAUX4 |
| 4 N.O. | | 0.25 | 10 | 600 | BDAUX5 |
| 8 N.O. | | 0.40 | 10 | 600 | BDAUX6 |

Terminal shrouds

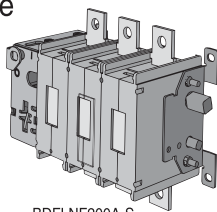
| Description | For use on: | Weight (lbs) | Catalog number |
|----------------------------------------------|-------------|-----------------|-------------------|
| Includes one shroud for line or load side | BDNF1200 | 1.20 | BDTS12 |

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 A load side distribution lug eliminates the need to purchase, install and wire a separate distribution block.
 ③ Provided as standard with BDNF1600, BDNF2000 and BDNF3150.

Side Operated Non-fusible Disconnect Switches 30A – 600A

For a complete assembly, please select one of each:

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



BDFLNF200A-S



BDS240



BDH110SH



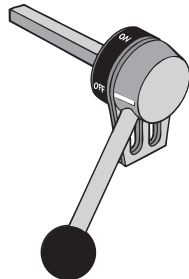
BDTL26



BDFLNF30-S



BDH107SH



BDZX74



CDS67P
BDS240
BDS325



BDTL24



BDTL25



BDTL27

Side operated switches — 3 pole

| UL general purpose amp rating | IEC AC21 amp rating | Maximum horsepower rating | | | | | Weight (lbs) | Catalog number |
|-------------------------------|---------------------|---------------------------|------|------|------|------|--------------|----------------|
| | | Three phase | | | | | | |
| | | 200V | 208V | 240V | 480V | 600V | | |
| 30 | 32 | 5 | 7.5 | 7.5 | 15 | 20 | 1.90 | BDFLNF30-S |
| 60 | 63 | 15 | 15 | 15 | 30 | 50 | 3.90 | BDFLNF60-S |
| 100 | 125 | 25 | 25 | 30 | 60 | 75 | 4.50 | BDFLNF100-S |
| 175 | 200 | 30 | 30 | 40 | 75 | 100 | 6.61 | BDFLNF175-S |
| 200 | 250 | 60 | 60 | 75 | 150 | 200 | 6.61 | BDFLNF200A-S |
| 400 | 630 | 100 | 100 | 125 | 250 | 350 | 13.66 | BDFLNF400-S |
| 600 | 800 | 150 | 150 | 200 | 400 | 500 | 13.66 | BDFLNF600A-S |

Handles

| UL type | Color | Length inches/mm | Marking | Defeatable | Padlockable | Weight (lbs) | Catalog number |
|------------------------------------------------|------------|------------------|--------------|------------|-------------|--------------|----------------|
| For use with BDFLNF30-S | | | | | | | |
| 1, 12, 3R | Black | 2.65/65 | O/1 & Off/On | Yes | Yes | 0.29 | BDH106SH |
| 1, 12, 3R | Red/Yellow | 2.65/65 | O/1 & Off/On | Yes | Yes | 0.29 | BDH107SH |
| For use with BDFLNF60-S — BDFLNF200A-S | | | | | | | |
| 1, 12, 3R | Black | 3.1/80 | O/1 & Off/On | Yes | Yes | 0.30 | BDH110SH |
| 1, 12, 3R | Red/Yellow | 3.1/80 | O/1 & Off/On | Yes | Yes | 0.30 | BDH111SH |
| For use with BDFLNF400-S — BDFLNF600A-S | | | | | | | |
| 1, 12, 3R | Black | 4.9/145 | O/1 & Off/On | Yes | Yes | 0.39 | BDH114SH |
| 1, 12, 3R | Red/Yellow | 4.9/145 | O/1 & Off/On | Yes | Yes | 0.39 | BDH115SH |
| 1, 12, 3R | metal | 4.9/145 | Off/On | Yes | Yes | 1.50 | BDZX74 |

Shafts

| For use with: | Length inches/mm | Description | Weight (lbs) | Catalog number |
|----------------------|------------------|------------------------|--------------|----------------|
| BDFLNF30-S | 6.7/170 | .20 x .20" (5 x 5mm) | 0.08 | CDS67P |
| BDFLNF60 – 100 | 8.3/210 | .24 x .24" (6 x 6mm) | 0.10 | BDS210 |
| BDFLNF175 – 200 | 9.5/240 | .31 x .31" (8 x 8mm) | 0.26 | BDS240 |
| BDFLNF400-S – 600A-S | 12.8/325 | .47 X .47" (12 X 12mm) | 0.90 | BDS325 |

Terminal lug kits

| For use on: | Wire size | Weight (lbs) | Wire type | Lugs per kit | Catalog number |
|--------------|--------------------|--------------|-----------|--------------|----------------|
| BDFLNF30-S | #14 – 4 | — | Cu | — | Integral |
| BDFLNF60-S | #14 – 4 | — | Cu | — | Integral |
| BDFLNF100-S | #14 – 2/0 | 0.43 | Cu/Al | 6 | BDTL24 |
| BDFLNF200A-S | #6 – 300 kcmil | 0.93 | Cu/Al | 6 | BDTL25 |
| BDFLNF400-S | #2 – 600 kcmil | 3.520 | Cu/Al | 6 | BDTL26 |
| BDFLNF600A-S | (2) #2 – 600 kcmil | 4.62 | Cu/Al | 6 | BDTL27 |

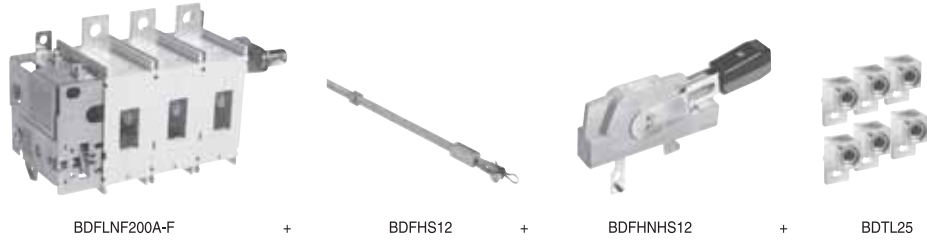
Side operated switches available through 800A as IEC rated.

Disconnect Switches

Flange Operated Non-fusible Disconnect Switches 30A – 200A

For a complete assembly, please select one of each:

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



BDFLNF200A-F + BDFHS12 + BDFHNHS12 + BDTL25

Flange operated switches – 3 pole

| UL general purpose amp rating | IEC AC21 amp rating | Maximum horsepower rating | | | | | Weight (lbs) | Catalog number |
|-------------------------------|---------------------|---------------------------|------|------|------|------|--------------|----------------|
| | | Three phase | | | | | | |
| | | 200V | 208V | 240V | 480V | 600V | | |
| 30 | 40 | 10 | 10 | 10 | 20 | 30 | 2.80 | BDFLNF30-F |
| 60 | 63 | 20 | 20 | 20 | 40 | 40 | 3.90 | BDFLNF60-F |
| 100 | 115 | 25 | 25 | 25 | 50 | 40 | 4.50 | BDFLNF100-F |
| 200 | 250 | 60 | 60 | 75 | 150 | 200 | 6.61 | BDFLNF200A-F |

Flange handles

| NEMA/UL type | Color | Length inches/mm | Marking | Defeatable | Padlockable | Weight (lbs) | Catalog number |
|--------------|-------|------------------|--------------|------------|-------------|--------------|----------------|
| 1, 3R, 12 | Metal | 6.9/175 | O/I & OFF/ON | Yes | Yes | 3.52 | BDFHNHS12 |
| 4, 4X | Metal | 6.9/175 | O/I & OFF/ON | Yes | Yes | 3.52 | BDFHNHS4 |

Shafts

| Shaft length inches | Weight (lbs) | Catalog number |
|---------------------|--------------|----------------|
| 12 | 0.39 | BDFHS12 |
| 17 | 0.55 | BDFHS17 |
| 22.5 | 0.73 | BDFHS22 |

Terminal lug kits

| For use on: | Wire size | Kit weight (lbs) | Wire type | Terminal lugs per kit | Catalog number |
|-----------------------------------------|-----------------------------------|------------------|-----------|-----------------------|--------------------|
| BDFLNF30-F BDFLNF60-F BDFLNF100-F | #14 – #4 #14 – #4 #14 – 2/0 | — | Cu | — | Standard BDTL24 |
| BDFLNF200A-F | #6 – 300 kcmil | 0.93 | Cu/Al | 6 | BDTL25 |

Door hardware – NEMA 12

| Description | Weight (lbs) | Catalog number |
|--------------------------------------------|--------------|----------------|
| Safety door latch, 2 point with 6" handle. | 1.92 | BBDHK |
| Roller for 3 point latch, add to BBDHK | .39 | BD3RL |

UL Listed
cULus Approved
IEC Rated
CE Marked

Cable Operated Non-fusible Disconnect Switches 30A – 200A

For a complete assembly, please select one each of the following:



Switch

+



Handle

+



Cable

+



Lug kit (as required)

+



Operating mechanism



CDNF30A3



OHF1C12



BFCL36
BFCL84



Lug kit

Non-fusible

| UL general purpose amp rating | Catalog Number |
|-------------------------------|----------------|
| 30 | CDNF30A3 |
| 60 | CDNF60A3 |
| 100 | CDNF100A3 |
| 125 | CDNF160 |
| 200 | CDNF200U03 |

Flange handles - UL 98; File #E101914

| For use with: | Environmental rating | Catalog number |
|------------------------------------|----------------------|----------------|
| CDNF30 - CDNF100, CDNF160, CDNF200 | NEMA 1, 3R, 12 | BDHFC12 |
| | NEMA 4, 4X | BDHFC4 |

Flexible cables

| For use with: | Cable length (inches) | Catalog number |
|------------------------------------|-----------------------|----------------|
| CDNF30 - CDNF100, CDNF160, CDNF200 | 36 | BFCL36 |
| | 48 | BFCL48 |
| | 60 | BFCL60 |
| | 72 | BFCL72 |
| | 84 | BFCL84 |

Operating mechanisms

| For use with: | Catalog number |
|---------------|----------------|
| CDNF30 - 100 | BMKCS1 |
| CDNF160 | BMKCS3 |
| CDNF200 | BMKCS4 |

Terminal lug kits

| For use with: | Wire size | Wire type | Description | Lugs per kit | Catalog number |
|---------------|-------------|-----------|-------------|--------------|----------------|
| CDNF200U03 | #4-300kcmil | Cu/Al | - | 6 | CDTL200 |
| | #4-300kcmil | Cu/Al | - | 3 | CDTL200/3P |
| | (6)#4-6AWG | Cu/Al | Dist. lug | 3 | CDTL206 |

Door hardware — NEMA 12

| Item | Catalog number |
|--------------------------------------------------------|----------------|
| Safety door latch, 2 point, door less than 40" high | BKDH2R |
| Safety door latch, 3 point, door greater than 40" high | BKDH3R |

UL & cULus Technical Data for Non-fusible Disconnect Switches

CDNF16 – CDFN160

UL & cULus

| Catalog number | 3 pole | CDNF16A3 | CDNF25A3 | CDNF32A3 | CDNF45A3 | CDNF63A3 | CDNF30A3 | CDNF60A3 | CDNF100A3 | CDNF160 | |
|-------------------------------------------------------------|--------------------------------------|----------------------------------------|----------------------------------------|--------------------------------------------|------------------------------------------|------------------------------------------|-------------------------------------------|------------------------------------------|------------------------------------------|------------------------------------------|------------------------------------------|
| Approvals ^① | 2 pole 3 pole 4 pole | N/A UL508 & IEC UL508 & IEC | N/A UL508 & IEC UL508 & IEC | N/A UL508 & IEC UL508 & IEC | N/A UL508 & IEC UL508 & IEC | N/A UL508 & IEC UL508 & IEC | N/A UL98 & IEC UL98 & IEC | N/A UL98 & IEC UL98 & IEC | UL98 & IEC UL98 & IEC UL98 & IEC | UL98 & IEC UL98 & IEC | |
| General purpose amp rating pf = 0.7 – 0.8 | -40° to 40°C A | 16 | 25 | 40 | 60 | 80 | 30 | 60 | 100 | 100 | |
| Max. operating voltage | V | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | |
| Max. horsepower rating/motor FLA current, pf = 0.4 – 0.5 | | | | | | | | | | | |
| Three phase | 200V – 208V 240V 480V 600V | HP/A HP/A HP/A HP/A | 3/10.6 5/15.2 10/14.0 10/11.0 | 7.5/24.2 7.5/22.0 15/21.0 20/22.0 | 10/30.8 10/28.0 20/27.0 25/27.0 | 15/46.2 15/42.0 30/40.0 30/32.0 | 20/60.0 20/54.0 40/52.0 40/41.0 | 10/30.8 10/28.0 20/27.0 30/32.0 | 20/60.0 20/54.0 40/52.0 40/41.0 | 25/75.0 30/80.0 50/65.0 50/52.0 | 30/88.0 30/80.0 60/77.0 75/77.0 |
| Single phase | 120V 240V | HP/A HP/A | 0.5/9.8 1.5/10.0 | 0.75/13.8 2/12.0 | 1/16.0 3/17.0 | 2/24.0 5/28.0 | 2/24.0 5/28.0 | 2/24.0 5/28.0 | 3/34.0 7.5/40.0 | 5/56.0 15/68.0 | 7.5/80 20/88.0 |
| Short circuit rating with fuse | | | | | | | | | | | |
| Fuse type | CC J T RK1 RK5 L H | KA KA KA KA KA KA KA | 10 10 10 10 5 — — | — 10 10 10 5 — — | — 10 10 10 5 — — | — 100 100 — — — 5 | — 100 100 — 10 — — 5 | — 50 50 — — — — | — 50 50 — — — — | — 50 50 — — — — | — 100 — — — — — |
| Fuse size | A | 30 60 | 30 60 | 30 60 | 100 150 | 100 150 | 60 — | 60 100 | 60 100 | 60 100 | 200 |
| Short circuit rating with MCCB | KA | — | — | — | — | — | — | — | — | 25 | |
| Endurances | | | | | | | | | | | |
| Min. Electrical endurance, pf = 0.75 – 0.80 | operation cycles | 6000 | 6000 | 6000 | 6000 | 6000 | 6000 | 6000 | 6000 | 6000 | |
| Min. Electrical endurance, pf = 0.40 – 0.50 | operation cycles | 1000 | 1000 | 1000 | 1000 | 1000 | ② | ② | ② | ② | |
| Mechanical endurance | operations | 20,000 | 20,000 | 20,000 | 20,000 | 20,000 | 20,000 | 20,000 | 20,000 | 16,000 | |
| Physical characteristics | | | | | | | | | | | |
| Weight, switches | 3 pole 4 pole | lb lb | 0.24 0.33 | 0.24 0.33 | 0.24 0.33 | 0.59 0.77 | 0.59 0.77 | 0.79 1.10 | 0.79 1.10 | 0.79 1.10 | 2.42 2.86 |
| Dimension, switches | 3 pole | H W D | in in in | 2.68 1.38 2.20 | 2.68 1.38 2.20 | 2.68 1.38 2.20 | 3.60 2.07 2.85 | 3.60 2.07 2.85 | 3.94 2.76 2.95 | 3.94 2.76 2.95 | 5.00 4.96 2.93 |
| Shaft size — square □ | | in mm | .24 x .24 6 x 6 | .24 x .24 6 x 6 | .24 x .24 6 x 6 | .24 x .24 6 x 6 | .24 x .24 6 x 6 | .24 x .24 6 x 6 | .24 x .24 6 x 6 | .24 x .24 6 x 6 | .24 x .24 6 x 6 |
| Switch operating torque for rotary 3 pole switches | | lb. in. | 8.8 | 8.8 | 8.8 | 10.5 | 10.5 | 17.5 | 17.5 | 17.5 | 52.5 |
| Terminal lug kits | | | Not required | Not required | Not required | Not required | Not required | Not required | Not required | Not required | |
| Wire range | AWG | #18 – 8 | #18 – 8 | #18 – 8 | #14 – 4 | #14 – 1 | #14 – 4 | #14 – 4 | #8 – 1/0 | #8 – 1/0 | |
| Torque: | | | | | | | | | | | |
| Wire tightening | lb. in. | 7 | 7 | 7 | 18 | 18 | 55 | 55 | 55 | 70 | |
| Lug mounting | lb. in. | Integral | Integral | Integral | Integral | Integral | Integral | Integral | Integral | Integral | |
| Auxiliary contacts | | CDAUX_ _ | CDAUX_ _ | CDAUX_ _ | CDAUX_ _ | CDAUX_ _ | CDAUX_ _ | CDAUX_ _ | CDAUX_ _ | CDEA_ _ _ _ | |
| NEMA ratings, AC | | A600 | A600 | A600 | A600 | A600 | A600 | A600 | A600 | A600 | |
| AC rated voltage | VAC | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | |
| AC thermal rated current | A | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | |
| AC maximum volt-ampere making | VA | 7200 | 7200 | 7200 | 7200 | 7200 | 7200 | 7200 | 7200 | 7200 | |
| AC maximum volt-ampere breaking | VA | 720 | 720 | 720 | 720 | 720 | 720 | 720 | 720 | 720 | |
| NEMA ratings, DC | | R300 | R300 | R300 | R300 | R300 | R300 | R300 | R300 | P600 | |
| DC rated voltage | VDC | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 600 | |
| DC thermal rated current | A | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 5 | |
| DC maximum make-break | VA | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 28 | 138 | |
| Torque: | | | | | | | | | | | |
| Wire tightening | lb. in. | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| Wire range | AWG | #18 – 14 | #18 – 14 | #18 – 14 | #18 – 14 | #18 – 14 | #18 – 14 | #18 – 14 | #18 – 14 | #22 – 14 | |

① UL Listed switches are also cULus Approved.

② UL 98 overload test, 50 operations, pf 0.40 – 0.50 at 2x FLA.

UL & cULus Technical Data for Non-fusible Disconnect Switches

CDNF200U03 – BDNF3150

UL & cULus

| Catalog number | 3 pole | CDNF200U03 | CDNF400U03 | BDNF600A | BDNF800A | BDNF1200 | BDNF1600 | BDNF2000 | BDNF3150 ④ | |
|------------------------------------------------------------------|---------------------------------------------------------------|---------------------------------|------------------------------------------------|--------------------------------------------------|--------------------------------------------------|------------------------------------------------|---------------------------------|---------------------------------|---------------------------------|-------------------------|
| Approvals ^① | 2 pole UL98 & IEC 3 pole UL98 & IEC 4 pole IEC | UL98 & IEC UL98 & IEC IEC | UL98 & IEC UL98 & IEC UL98 & IEC | UL98 & IEC UL98 & IEC UL98 & IEC | UL98 & IEC UL98 & IEC UL98 & IEC | UL98 & IEC UL98 & IEC IEC | UL98 & IEC UL98 & IEC IEC | UL98 & IEC UL98 & IEC IEC | IEC UL98 & IEC IEC IEC | |
| General purpose amp rating pf = 0.7 – 0.8 | -40° to 40°C A | 200 | 400 | 600 | 800 | 1200 | 1600 | 2000 | 3150 | |
| Max. operating voltage | V | 600 | 600 | 600 | 600 | 600 | 600 | 480 | — | |
| Max. horsepower rating/Max. motor FLA current, pf = 0.4 – 0.5 | | | | | | | | | | |
| Three phase | 200 – 208V 240V 480V 600V | HP/A HP/A HP/A HP/A | 60/160.0 75/192.0 150/180.0 200/192.0 | 100/273.0 125/312.0 250/302.0 350/336.0 | 150/396.0 200/480.0 400/477.0 500/472.0 | 200/528.0 250/602.0 500/590.0 600/576 | — — — — | — — — — | — — — — | |
| Single phase | 120V 240V | HP/A HP/A | — — | — — | — — | — — | — — | — — | — — | |
| Short circuit rating with fuse | | | | | | | | | | |
| Fuse type CC | kA | — | — | — | — | — | — | — | — | |
| Fuse type J | kA | 100 | 100 | — | — | — | — | — | — | |
| Fuse type T | kA | — | — | — | — | — | — | — | — | |
| Fuse type RK1 | kA | — | — | — | — | — | — | — | — | |
| Fuse type RK5 | kA | — | — | — | 100 | — | — | — | — | |
| Fuse type L | kA | — | — | — | — | — | 100 | 100 | 100 | |
| Fuse type H | kA | — | — | — | — | — | — | — | — | |
| Fuse size | A | 350 | 600 | 600 | 1200 | 1200 | 2000 | 2000 | — | |
| Short circuit rating with MCCB | kA | 15 | 30 | 50 | 50 | 50 | 65 | 65 | — | |
| Endurances | | | | | | | | | | |
| Min. Electrical endurance, pf = 0.75 – 0.80 | operation cycles | 6000 | 1000 | 1000 | 500 | 500 | 500 | 500 | 400 | |
| Min. Electrical endurance, pf = 0.40 – 0.50 | operation cycles | ② | ② | ② | ② | ② | ② | ② | ② | |
| endurance | operations | 20,000 | 20,000 | 10,000 | 10,000 | 10,000 | 6000 | 6000 | 6000 | |
| Physical characteristics | | | | | | | | | | |
| Weight, switches | 3 pole 4 pole | lb lb | 2.9 3.5 | 5.7 6.8 | 13.66 16.74 | 35.9 45.15 | 38.55 49.56 | 127.7 149.7 | 127.7 149.7 | 127.7 149.7 |
| Dimension, switches | 3 pole | H in W in D in | 6.69 6.67 3.30 | 8.66 8.70 4.15 | 11.77 11.93 5.12 | 19.09 14.29 4.92 | 19.09 14.29 4.92 | 25.04 18.43 10.67 | 25.04 18.43 10.67 | 25.04 18.43 10.67 |
| Shaft size — square | □ | in mm | .24 x .24 6 x 6 | .47 x .47 12 x 12 | .47 x .47 12 x 12 | .47 x .47 12 x 12 | .47 x .47 12 x 12 | .47 x .47 12 x 12 | .47 x .47 12 x 12 | .47 x .47 12 x 12 |
| Switch operating torque for rotary 3 pole switches | | lb. in. | 62 | 142 | 184 | 184 | 184 | 438 | 438 | 438 |
| Terminal lug kits | | | | | | | | | | |
| Wire range | AWG | #6-300kcmil ^③ | #2-600kcmil | (2)#2-600kcmil | (2)#2-600kcmil | (4)#2-600kcmil | (4)#2-600kcmil | (8)#2-600kcmil | (8)#2-600kcmil | |
| Torque: | | | | | | | | | | |
| Wire tightening | lb. in. | 275 | 375 | 375 | 500 | 375 | 375 | 375 | 375 | |
| Lug mounting | lb. in. | 150 | 240 | 500 | 230 | 230 | 230 | 230 | 230 | |
| Auxiliary contacts | | CDAUX_ _ | CDAUX_ _ | BDAUX_ _ | BDAUX_ _ | BDAUX_ _ | BDAUX_ _ | BDAUX_ _ | BDAUX_ _ | |
| NEMA ratings, AC | | A600 | A600 | A600 | A600 | A600 | A600 | A600 | A600 | |
| AC rated voltage | VAC | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | |
| AC thermal rated current | A | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | |
| AC maximum volt-ampere making | VA | 7200 | 7200 | 7200 | 7200 | 7200 | 7200 | 7200 | 7200 | |
| AC maximum volt-ampere breaking | VA | 720 | 720 | 720 | 720 | 720 | 720 | 720 | 720 | |
| NEMA ratings, DC | | P600 | P600 | P600 | P600 | P600 | P600 | P600 | P600 | |
| DC rated voltage | VDC | 600 | 600 | 600 | 600 | 600 | 600 | 600 | 600 | |
| DC thermal rated current | A | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | |
| DC maximum make-break | VA | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | |
| Torque: | | | | | | | | | | |
| Wire tightening | lb. in | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | |
| Wire range | AWG | #22 – #14 | #22 – #14 | #22 – #14 | #22 – #14 | #22 – #14 | #22 – #14 | #22 – #14 | #22 – #14 | |

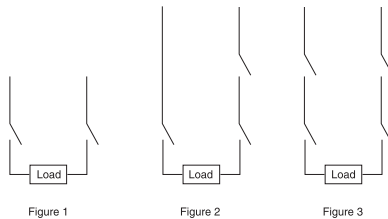
① UL Listed switches are also cULus Approved.
 ② UL98 overload test, 50 operations, pf 0.40 – 0.50 at 2x FLA.
 ③ Multi-tap lug available.
 ④ IEC rated only.

IEC Technical Data for Non-fusible Disconnect Switches

CDNF16 – CDFN160

IEC

| Catalog number | 3 pole | CDNF16 | CDNF25 | CDNF32 | CDNF45 | CDNF63 | CDNF30 | CDNF60 | CDNF100 | CDNF160 | |
|--------------------------------------------------------------------|-----------------------------------------------------|--------|--------|--------|--------|--------|--------|--------|---------|---------|------------------|
| Rated insulation and operation voltage, AC20 and DC20 ^① | 40°C V | 750 | 750 | 750 | 750 | 750 | 750 | 750 | 750 | 750 | |
| Rated impulse withstand voltage | kV | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 12 | |
| Rated thermal current, I _n | | | | | | | | | | | |
| AC 20/DC 20 | open ^② 40°C enclosed 60°C enclosed | A | 25 | 32 | 40 | 63 | 80 | 40 | 63 | 115 | 200 |
| | | A | 25 | 32 | 40 | 63 | 80 | 40 | 63 | 115 | 160 |
| | | A | 25 | 32 | 40 | 63 | 80 | 40 | 63 | 115 | 160 |
| Rated operational currents | | | | | | | | | | | |
| AC 21A | 500V 690V 1000V ^① | A | 16 | 25 | 32 | 63 | 80 | 40 | 63 | 100 | 160 ^③ |
| | | A | 16 | 25 | 32 | 63 | 80 | 40 | 63 | 100 | 160 ^③ |
| | | A | — | — | — | — | — | — | — | — | — |
| AC 22A | 500V 690V 1000V ^① | A | 16 | 25 | 32 | 63 | 80 | 40 | 63 | 100 | 160 ^③ |
| | | A | 16 | 25 | 32 | 63 | 80 | 40 | 63 | 100 | 160 ^③ |
| | | A | — | — | — | — | — | — | — | — | — |
| AC 23A | 415V 500V 690V 1000V ^① | A | 16 | 20 | 23 | 45 | 75 | 40 | 63 | 80 | 135 |
| | | A | 16 | 20 | 23 | 45 | 58 | 40 | 63 | 60 | 125 |
| | | A | 10 | 11 | 12 | 20 | 20 | 40 | 40 | 40 | 80 |
| | | A | — | — | — | — | — | — | — | — | — |
| Rated operational currents/poles in series | | | | | | | | | | | |
| DC21A | 48V 110V 220V 440V 750V | A | 16/1 | 25/1 | 32/1 | 45/1 | 63/1 | 40/1 | 63/1 | 100/1 | 160/1 |
| | | A | 16/2 | 25/2 | 32/2 | 45/2 | 63/2 | 40/2 | 63/2 | 100/2 | 160/1 |
| | | A | 16/3 | 25/3 | 32/3 | 45/4 | 63/4 | 40/4 | 63/4 | 100/4 | 160/2 |
| | | A | 16/4 | 25/6 | 32/6 | ④ | ④ | ④ | ④ | ④ | 160/3 |
| | | A | 16/8 | 25/8 | 32/8 | ④ | ④ | ④ | ④ | ④ | 160/4 |
| DC22A | 48V 110V 220V 440V 750V | A | 16/1 | 25/1 | 32/1 | 45/1 | 63/1 | 40/1 | 63/1 | 100/1 | 160/1 |
| | | A | 16/2 | 25/2 | 32/2 | 45/2 | 63/2 | 40/2 | 63/2 | 100/2 | 160/1 |
| | | A | 16/3 | 25/3 | 32/4 | 45/4 | 63/4 | 40/4 | 63/4 | 63/4 | 160/2 |
| | | A | 16/6 | 25/8 | ④ | ④ | ④ | ④ | ④ | ④ | 160/3 |
| | | A | 16/8 | 25/8 | ④ | ④ | ④ | ④ | ④ | ④ | ④ |
| DC23A | 48V 110V 220V 440V 750V | A | 16/1 | 25/1 | 32/1 | 45/1 | 63/1 | 40/1 | 63/1 | 100/1 | 160/1 |
| | | A | 16/2 | 25/2 | 32/2 | 45/2 | 63/2 | 40/2 | 63/2 | 100/2 | 160/1 |
| | | A | 16/4 | 25/4 | 32/4 | 45/4 | 63/4 | 40/4 | 63/4 | 63/4 | 160/2 |
| | | A | 10/4 | ④ | ④ | ④ | ④ | ④ | ④ | ④ | 160/3 |
| | | A | 16/8 | ④ | ④ | ④ | ④ | ④ | ④ | ④ | ④ |
| Rated operational power | | | | | | | | | | | |
| AC23A | 230V 400/415V 500V 690V | kW | 3 | 4 | 5.5 | 11 | 22 | 7.5 | 11 | 22 | 45 |
| | | kW | 7.5 | 9 | 11 | 22 | 37 | 15 | 18.5 | 37 | 75 |
| | | kW | 7.5 | 9 | 11 | 22 | 37 | 15 | 18.5 | 37 | 75 |
| | | kW | 7.5 | 9 | 11 | 15 | 18.5 | 15 | 15 | 37 | 75 |
| Short-circuit current with back-up fuses of size ^④ | kA | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | |
| | A | 32 | 40 | 63 | 80 | 100 | 100 | 100 | 200 | 200 | |



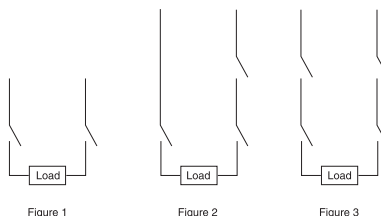
① 1000V, IEC 408.
 ② The ambient air temperature does not exceed +40°C and its average over a period of 24 hours does not exceed +35°C according to IEC 947.
 ③ IEC 947-3, utilization category B, infrequent operation.
 ④ Not available at time of printing, please consult factory.

IEC Technical Data for Non-fusible Disconnect Switches

CDNF200U03 – BDNF3150

IEC

| Catalog number | 3 pole | CDNF200U03 | CDNF400U03 | BDNF600A | BDNF800A | BDNF1200 | BDNF1600 | BDNF2000 | BDNF3150 |
|----------------------------------------------------------------------|----------------------|------------|------------|----------|----------|----------|-------------------|-------------------|-------------------|
| Rated insulation and operational voltage, AC20 and DC20 ^① | 40°C 1000 V | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | |
| Rated impulse withstand voltage | kV | 12 | 12 | 12 | 8 | 8 | 8 | 8 | 8 |
| Rated thermal current, I _{th} | | | | | | | | | |
| AC 20/DC 20 | open ^② A | 250 | 400 | 800 | 1250 | 1600 | 2500 | 2500 | 3150 |
| | 40°C enclosed A | 250 | 400 | 720 | 1250 | 1600 | 2300 | 2300 | 2600 |
| | 60°C enclosed A | — | — | 720 | 1250 | 1600 | 2300 | 2300 | 2600 |
| Rated operational currents | | | | | | | | | |
| AC 21A | 500V A | 250 | 400 | 800 | 1250 | 1600 | 2500 ^③ | 2500 ^③ | 3150 ^③ |
| | 690V A | 250 | 400 | 800 | 1250 | 1600 | 2500 ^③ | 2500 ^③ | 3150 ^③ |
| | 1000V ^① A | — | — | 630 | — | — | — | — | — |
| AC 22A | 500V A | 250 | 400 | 800 | 1250 | 1600 | 1600 ^③ | 1600 ^③ | 1600 ^③ |
| | 690V A | 250 | 400 | 800 | — | — | — | — | — |
| | 1000V ^① A | — | — | 400 | — | — | — | — | — |
| AC 23A | 415V A | 250 | 400 | 720 | 800 | 800 | 800 ^③ | 800 ^③ | 800 ^③ |
| | 500V A | 250 | 400 | 600 | 800 | 800 | 800 ^③ | 800 ^③ | 800 ^③ |
| | 690V A | 250 | 400 | 350 | — | — | — | — | — |
| | 1000V ^① A | — | — | 200 | — | — | — | — | — |
| Rated operational currents/poles in series | | | | | | | | | |
| DC21A | 48V A | 250/1 | 630/2 | 800/2 | 1250/2 | 1600/2 | 2500/2 | 2500/2 | 3150/2 |
| | 110V A | 250/2 | 630/2 | 800/2 | 1250/2 | 1600/2 | 2500/2 | 2500/2 | 3150/2 |
| | 220V A | 250/2 | 630/2 | 800/2 | 1250/3 | 1600/2 | 2500/2 | 2500/2 | 3150/2 |
| | 440V A | 250/3 | 630/3 | 800/3 | — | 1600/3 | 2500/3 | 2500/3 | 3150/2 |
| | 750V A | 250/4 | — | — | — | — | — | — | — |
| DC22A | 48V A | 250/1 | 630/2 | 800/2 | 1250/2 | 1600/2 | 2500/2 | 2500/2 | 3150/2 |
| | 110V A | 250/2 | 630/2 | 800/2 | 1250/2 | 1600/2 | 2500/2 | 2500/2 | 3150/2 |
| | 220V A | 250/2 | 630/2 | 800/2 | 1250/2 | 1600/2 | 2500/2 | 2500/2 | 3150/2 |
| | 440V A | 250/3 | 630/3 | 800/3 | — | — | — | — | — |
| | 750V A | 250/4 | — | — | — | — | — | — | — |
| DC23A | 48V A | 250/1 | 630/2 | — | — | — | — | — | — |
| | 110V A | 250/2 | 630/2 | — | — | — | — | — | — |
| | 220V A | 250/2 | 630/2 | — | — | — | — | — | — |
| | 440V A | 250/3 | — | — | — | — | — | — | — |
| | 750V A | 250/4 | — | — | — | — | — | — | — |
| Rated operational power | | | | | | | | | |
| AC23A | 230V kW | 75 | 110 | 200 | 250 | 250 | 250 | 250 | 250 |
| | 400/415V kW | 132/140 | 220/230 | 355 | 400 | 400 | 400 | 400 | 400 |
| | 500V kW | 170 | 280 | 400 | 450 | 450 | 450 | 450 | 450 |
| | 690V kW | 240 | 355 | 355 | — | — | — | — | — |
| Short-circuit current | kA | 100 | 100 | 80 | 50 | 50 | 50 | 50 | 50 |
| with back-up fuses of size ^① | A | 400 | 800 | 800 | 1000 | 1250 | 1250 | 1250 | 1250 |



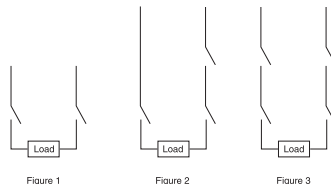
① 1000V, IEC 408.
 ② The ambient air temperature does not exceed +40°C and its average over a period of 24 hours does not exceed +35°C according to IEC 947.
 ③ IEC 947-3, utilization category B, infrequent operation.

IEC Technical Data for Non-fusible Disconnect Switches

CDNF16 – CDFN160

IEC

| Catalog number | 3 pole | CDNF16 | CDNF25 | CDNF32 | CDNF45 | CDNF63 | CDNF30 | CDNF60 | CDNF100 | CDNF160 |
|------------------------------------------------------------------------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------|
| Rated voltage, U ^e | V/V | 415 | 415 | 415 | 415 | 415 | 415 | 415 | 415 | 415/690 |
| Rated conditional short-circuit current | kA | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 80/50 |
| Max. allowed fuse size, type OFAA | A | 16 | 32 | 40 | 63 | 80 | 100 | 100 | 100 | 160/250 |
| Max. allowed cut-off current, peak value | kA | 4 | 4.3 | 4.6 | 8.3 | 11 | 9.2 | 9.2 | 9.2 | 21.0/21.6 |
| Rated short-circuit making capacity, prospective peak value, I ^{cm} | kA | 0.7 | 0.7 | 1.4 | 1.4 | 3.6 | 3.6 | 3.6 | 12 | |
| Rated short time withstand current, RMS I ^{cw} | kA | — | — | — | — | — | — | — | — | 7 |
| | 0.2s | | | | | | | | | |
| RMS I ^{cw} | kA | 0.5 | 0.5 | 0.5 | 1 | 1 | 2.5 | 2.5 | 2.5 | 4 |
| | 1.0s | | | | | | | | | |
| AC breaking capacity | | | | | | | | | | |
| pf = 0.35 | | | | | | | | | | |
| 415V | A | 128 | 160 | 184 | 240 | 304 | 320 | 504 | 640 | 1080 |
| 500V | A | 128 | 160 | 184 | 240 | 256 | 320 | 504 | 504 | 1000 |
| 690V | A | 80 | 88 | 96 | 160 | 160 | 320 | 320 | 320 | 640 |
| 1000V ^① | A | — | — | — | — | — | — | — | — | — |
| DC breaking capacity/poles in series | | | | | | | | | | |
| L/R = 15ms, 3 pole in series | | | | | | | | | | |
| 48V | A | 64/1 | 100/1 | 128/1 | 180/1 | 252/1 | 160/1 | 252/1 | 400/1 | 640/1 |
| 110V | A | 64/2 | 100/2 | 128/2 | 180/2 | 180/2 | 160/2 | 252/2 | 400/2 | 640/1 |
| 220V | A | 64/3 | 100/4 | 128/4 | 180/4 | 180/4 | 160/4 | 252/4 | 252/4 | 640/2 |
| 440V | A | ② | ② | ② | ② | ② | ② | ② | — | 640/3 |
| 750V | A | ② | ② | ② | ② | ② | ② | ② | — | — |
| Capacitor ratings | 400/415V | kVar | ② | ② | ② | ② | ② | ② | ② | ② |
| Rated capacitor duty | kA | ② | ② | ② | ② | ② | ② | ② | ② | ② |
| Physical characteristics | | | | | | | | | | |
| Electrical endurance at rated operational current, pf = 0.65 | operation cycles | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 3000 | 1000 |
| Mechanical endurance | operations | 20,000 | 20,000 | 20,000 | 20,000 | 20,000 | 20,000 | 20,000 | 20,000 | 16,000 |
| Weight | 3 pole | kg | 0.11 | 0.11 | 0.11 | 0.27 | 0.27 | 0.36 | 0.36 | 1.1 |
| | 4 pole | kg | 0.15 | 0.15 | 0.15 | 0.35 | 0.35 | 0.5 | 0.5 | 1.3 |
| Dimension 3 pole | H mm | 68 | 68 | 68 | 91.5 | 91.5 | 100 | 100 | 100 | 127 |
| | W mm | 35 | 35 | 35 | 52.5 | 52.5 | 70 | 70 | 70 | 126 |
| | D mm | 56 | 56 | 56 | 72.5 | 72.5 | 75 | 75 | 75 | 74.5 |
| Power loss per pole | W | 0.3 | 0.6 | 1 | 1.4 | 2.8 | 1 | 1.6 | 4 | 6.5 |
| Shaft size — square | mm | 6 x 6 | 6 x 6 | 6 x 6 | 6 x 6 | 6 x 6 | 6 x 6 | 6 x 6 | 6 x 6 | 6 x 6 |
| Switch operating torque for rotary 3 pole switches | Nm | 1 | 1 | 1 | 1.2 | 1.2 | 2 | 2 | 2 | 6 |
| Suitable conductor cross section Cu | mm ² | 0.75 – 10 | 0.75 – 10 | 0.75 – 10 | 1.5 – 35 | 1.5 – 35 | 1.5 – 25 | 1.5 – 25 | 1.5 – 25 | 10 – 70 |
| Bolt size | | — | — | — | — | — | — | — | — | — |
| Auxiliary contacts | | CDAUX_ _ | CDAUX_ _ | CDAUX_ _ | CDAUX_ _ | CDAUX_ _ | CDAUX_ _ | CDAUX_ _ | CDAUX_ _ | CDAUX_ _ |
| Ratings according to IEC 9-47-5-1 | | | | | | | | | | |
| Rated voltage, U _i | VAC | 690 | 690 | 690 | 690 | 690 | 690 | 690 | 690 | 690 |
| Thermal current, I _m | A | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 10 |
| AC12/DC12 I _n , A U _n = | | | | | | | | | | |
| 120V | A | — | — | — | — | — | — | — | — | 8/— |
| 125V | A | — | — | — | — | — | — | — | — | —/1.1 |
| 240V | A | 6 ^③ | 6 ^③ | 6 ^③ | 6 ^③ | 6 ^③ | 6 ^③ | 6 ^③ | 6 ^③ | 6/— |
| 250V | A | — | — | — | — | — | — | — | — | —/0.55 |
| 400V | A | 4 ^③ | 4 ^③ | 4 ^③ | 4 ^③ | 4 ^③ | 4 ^③ | 4 ^③ | 4 ^③ | 4/— |
| 415V | A | — | — | — | — | — | — | — | — | 4/— |
| 440V | A | — | — | — | — | — | — | — | — | —/0.31 |
| 480V | A | — | — | — | — | — | — | — | — | 3/— |
| 500V | A | — | — | — | — | — | — | — | — | 3/0.27 |
| 600V | A | — | — | — | — | — | — | — | — | —/0.2 |
| 690V | A | 2 ^③ | 2 ^③ | 2 ^③ | 2 ^③ | 2 ^③ | 2 ^③ | 2 ^③ | 2 ^③ | 2/— |



① 1000V, IEC 408.
② Not available at time of printing, please consult factory.
③ AC15, according to IEC947-5-1.

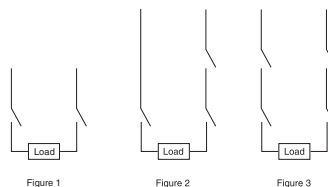
IEC Technical Data for Non-fusible Disconnect Switches

CDNF200U03 – BDNF3150

IEC

| Catalog number | 3 pole | CDNF200U03 | CDNF400U03 | BDNF600A | BDNF800A | BDNF1200 | BDNF1600 | BDNF2000 | BDNF3150 |
|------------------------------------------------------------------------------|------------------|------------|------------|------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| Rated voltage, U _e | V/V | 500/690 | 500/690 | 500/690 | 690 | 690 | 690 | 690 | 690 |
| Rated conditional short-circuit current | kA | 100/80 | 100/80 | 100/50 | 45 | 45 | 45 | 50 | 50 |
| Max. allowed fuse size, type OFAA | A | 350/355 | 500/500 | 800 ^③ | — | — | — | — | — |
| Max. allowed cut-off current, peak value | kA | 40.5/40.5 | 615/59 | 62 | — | — | — | — | — |
| Rated short-circuit making capacity, prospective peak value, I _{cm} | kA | 30 | 65 | 105 | 105 | 115 | 115 | 115 | — |
| Rated short time withstand current, RMS I _{low} | 0.2s kA | 15 | 28 | 38 | 100 | 100 | 110 | 110 | 110 |
| | 1.0s kA | 8 | 15 | 17 | 50 ^⑤ | 50 ^⑤ | 50 ^⑤ | 50 ^⑤ | 50 ^⑤ |
| AC breaking capacity | | | | | | | | | |
| pf = 0.35 | 415V A | 2000 | 3200 | 5780 | 6400 | 6400 | 6400 | 6400 | 6400 |
| | 500V A | 2000 | 3200 | 4800 | 6400 | 6400 | 6400 | 6400 | 6400 |
| | 690V A | 2000 | 3200 | 2800 | 2500 ^⑥ | 2500 ^⑥ | 4800 ^⑥ | 4800 ^⑦ | 4800 ^⑦ |
| DC breaking capacity/poles in series | | | | | | | | | |
| L/R = 15ms, 3 pole in series | | | | | | | | | |
| 48V | A | 1000/2 | — | — | — | — | — | — | — |
| 110V | A | 1000/2 | — | — | — | — | — | — | — |
| 220V | A | 1000/2 | 1600/2 | 2000/2 | 1900/2 ^④ | 2600/2 ^④ | 2600/2 ^④ | 2600/2 ^④ | 2600/2 ^④ |
| 440V | A | 1000/3 | 1600 | 2000 | — | — | — | — | — |
| 750V | A | 1000/4 | — | — | — | — | — | — | — |
| Capacitor ratings | 400/415V kVar | — | — | 350 | ② | ② | ② | ② | ② |
| Rated capacitor duty | kA | — | — | 500 | ② | ② | ② | ② | ② |
| Physical characteristics | | | | | | | | | |
| Electrical endurance at rated operational current, pf = 0.65 | operation cycles | 1000 | 1000 | 500 | 500 | 500 | 100 ^⑧ | 100 ^⑧ | 100 ^⑧ |
| Mechanical endurance | operations | 20,000 | 16,000 | 10,000 | 10,000 | 10,000 | 6000 | 6000 | 6000 |
| Weight | 3 pole kg | 1.2 | 2.2 | 6.2 | 16.3 | 17.5 | 37 | 37 | 37 |
| | 4 pole kg | 1.6 | 2.6 | 7.6 | 20.5 | 22.5 | 47 | 47 | 47 |
| Dimension | 3 pole H mm | 212 | 162 | 216 | 485 | 485 | 636 | 636 | 636 |
| | W mm | 219 | 260 | 303 | 363 | 363 | 468 | 468 | 468 |
| | D mm | 92.5 | 130 | 130 | 125 | 125 | 271 | 271 | 271 |
| Power loss per one pole | W | 6.5 | 10 | 40 | 40 | 67 | 90 | 90 | 140 |
| Shaft size — square □ | mm | 6 x 6 | 12 x 12 | 12 x 12 | 12 x 12 | 12 x 12 | 12 x 12 | 12 x 12 | 12 x 12 |
| Switch operating torque for rotary 3 pole switches | Nm | 7 | 16 | 21 | 21 | 21 | 50 | 50 | 50 |
| Suitable conductor cross section Cu | mm ² | — | — | — | — | — | — | — | — |
| Bolt size | | 8 x 25 | 10 x 30 | 12 x 40 | 12 x 60 | 12 x 60 | 12 x 60 | 12 x 60 | 12 x 60 |
| Auxiliary contacts | | CDAUX_ _ | CDAUX_ _ | BDAUX_ _ | BDAUX_ _ | BDAUX_ _ | BDAUX_ _ | BDAUX_ _ | BDAUX_ _ |
| Ratings according to IEC 947-5-1 | | | | | | | | | |
| Rated voltage, U _i | VAC | 690 | 690 | 690 | 690 | 690 | 690 | 690 | 690 |
| Thermal rated current, I _{th} | A | 16 | 16 | 10 | 10 | 10 | 10 | 10 | 10 |
| AC12/DC12 I _e , A U _e = | | | | | | | | | |
| 120V | A | — | — | — | 8/— | 8/— | 8/— | 8/— | 8/— |
| 125V | A | — | — | — | —/1.1 | —/1.1 | —/1.1 | —/1.1 | —/1.1 |
| 240V | A | 6/— | 6/— | 6/— | 6/— | 6/— | 6/— | 6/— | 6/— |
| 250V | A | — | — | —/0.55 | —/0.55 | —/0.55 | —/0.55 | —/0.55 | —/0.55 |
| 400V | A | 4/— | 4/— | 4/— | 4/— | 4/— | 4/— | 4/— | 4/— |
| 415V | A | — | — | 4/— | 4/— | 4/— | 4/— | 4/— | 4/— |
| 440V | A | — | — | —/0.31 | —/0.31 | —/0.31 | —/0.31 | —/0.31 | —/0.31 |
| 480V | A | — | — | 3/— | 3/— | 3/— | 3/— | 3/— | 3/— |
| 500V | A | — | — | 3/0.27 | 3/0.27 | 3/0.27 | 3/0.27 | 3/0.27 | 3/0.27 |
| 600V | A | — | — | —/0.2 | —/0.2 | —/0.2 | —/0.2 | —/0.2 | —/0.2 |
| 690V | A | 2/— | 2/— | 2/— | 2/— | 2/— | 2/— | 2/— | 2/— |

- ② Not available at time of printing, please consult factory.
- ③ Size 4.
- ④ Maximum distance between busbar support and switch terminal 70mm.
- ⑤ pf 0.95.
- ⑥ pf 0.65.
- ⑦ IEC 947-3, utilization category B, infrequent operation.



30A – 800A Enclosed Fusible Disconnect Switches



EFJ30X-3PB6

3 Pole[®], 600V, 30A - 3150A

NEMA / UL Enclosure type

| UL general purpose amp rating | Fuse type | NEMA / UL Enclosure type | | | | | |
|-------------------------------|----------------|--------------------------|----------------------|---------------------|--------------------------------|------------------------------|----------------------|
| | | 1 Catalog number | 3R Catalog number | 4 Catalog number | 4X Stainless Catalog number | 4X Plastic Catalog number | 12 Catalog number |
| 30 | J | EFJ301-3PB6 | EFJ303-3PB6 | EFJ304-3PB6 | EFJ30X-3PB6 | EFJ30P-3PB6 | EFJ302-3PB6 |
| 30 | CC | EFC301-3PB6 | EFC303-3PB6 | EFC304-3PB6 | EFC30X-3PB6 | EFC30P-3PB6 | EFC302-3PB6 |
| 60 | J | EFC601-3PB6 | EFC303-3PB6 | EFC604-3PB8 | EFC60X-3PB8 | EFJ60P-3PB8 | EFJ602-3PB6 |
| 100 | J | EFJ1001-3PB8 | EFJ1003-3PB8 | EFJ1004-3PB8 | EFJ100X-3PB8 | EFJ100P-3PB8 | EFJ1002-3PB8 |
| 200 | J [®] | EFJ2001-3PB8C | EFJ2003-3PB8C | EFJ2004-3PB8C | EFJ200X-3PB8C | EFJ200P-3PB8C | EFJ2002-3PB8C |
| 400 | J [®] | EFJ4001-3PB4 | EFJ4003-3PB4 | EFJ4004-3PB4 | EFJ400X-3PB4 | EFJ400P-3PB4 | EFJ4002-3PB4 |
| 600 | J [®] | EFJ6001-3PB4 | EFJ6003-3PB4 | EFJ6004-3PB4 | EFJ600X-3PB4 | EFJ600P-3PB4 | EFJ6002-3PB4 |
| 800 | L | EFJ8001-3PB4 | EFJ8003-3PB4 | EFJ8004-3PB4 | EFJ800X-3PB4 | EFJ800P-3PB4 | EFJ8002-3PB4 |

Switch ratings

| UL general purpose amp rating | Maximum horsepower rating | | | | | | | | Wire size for terminal lugs | For wire type | Approval ^① |
|-------------------------------|---------------------------|------|------|-------------|------|------|------|------|-----------------------------|---------------|-----------------------|
| | Single phase | | | Three phase | | | | | | | |
| | 120V | 200V | 240V | 200V | 208V | 240V | 480V | 600V | | | |
| 30 | 2 | 3 | 5 | 5 | 7.5 | 7.5 | 15 | 20 | #18 – 8 | Cu | cULus, UL |
| 60 | 3 | 7.5 | 10 | 15 | 15 | 15 | 30 | 50 | #14 – 4 | Cu | cULus, UL |
| 100 | 5 | 10 | 15 | 25 | 25 | 30 | 60 | 75 | #14 – 2/0 | Cu/Al | cULus, UL |
| 200 | — | — | — | 50 | 50 | 60 | 125 | 150 | #4 – 300 kcmil | Cu/Al | cULus, UL |
| 400 | — | — | — | 100 | 125 | 125 | 250 | 350 | #2 – 600 kcmil | Cu/Al | cULus, UL |
| 600 | — | — | — | 150 | 150 | 200 | 400 | 500 | (2) #2 – 600 kcmil | Cu/Al | cULus, UL |
| 800 | — | — | — | 200 | 200 | 250 | 500 | 600 | (2) #2 – 600 kcmil | Cu/Al | cULus, UL |

① Fusible switches are UL Listed to the UL98 standard.

② 600V T type fuse clips may be substituted at no charge. Please change the second character of the catalog number from "J" to "T."

30A – 800A Enclosed Fusible Disconnect Switches

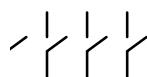
30A – 800A

| UL general purpose amp rating | Type of Switch | NEMA / UL Enclosure type | | | | | |
|-------------------------------|---------------------|--------------------------|----------------|----------------|----------------|----------------|----------------|
| | | 1 | 3R | 4 | 4X Stainless | 4X Plasti | 12 |
| | | Catalog number | Catalog number | Catalog number | Catalog number | Catalog number | Catalog number |
| 30 (J fuses) | 4 Pole ^① | EFJ301-4PB6 | EFJ303-4PB6 | EFJ304-4PB6 | EFJ30X-4PB6 | EFJ30P-4PB6 | EFJ302-4PB6 |
| | 6 Pole | EFJ301-6PB6 | EFJ303-6PB6 | EFJ304-6PB6 | EFJ30X-6PB | EFJ30P-6PB6 | EFJ302-6PB6 |
| 30 (CC fuses) | 4 Pole ^① | EFC301-4PB6 | EFC303-4PB6 | EFC304-4PB6 | EFC30X-4PB6 | EFC30P-4PB6 | EFC302-4PB6 |
| | 6 Pole | EFC301-6PB6 | EFC303-6PB6 | EFC304-6PB6 | EFC30X-6PB6 | EFC30P-6PB6 | EFC302-6PB6 |
| 60 | 4 Pole ^① | EFJ601-4PB6 | EFJ603-4PB6 | EFJ604-4PB6 | EFJ60X-4PB6 | EFJ60P-4PB6 | EFJ602-4PB6 |
| | 6 Pole | EFJ601-6PB4 | EFJ603-6PB4 | EFJ604-6PB4 | EFJ60X-6PB4 | EFJ60P-6PB4 | EFJ602-6PB4 |
| 100 | 2 Pole ^① | EFJ1001-2PB8 | EFJ1003-2PB8 | EFJ1004-2PB8 | EFJ100X-2PB8 | EFJ100P-2PB8 | EFJ1002-2PB8 |
| | 4 Pole ^① | EFJ1001-4PB8 | EFJ1003-4PB8 | EFJ1004-4PB8 | EFJ100X-4PB8 | EFJ100P-4PB8 | EFJ1002-4PB8 |
| | 6 Pole | EFJ1001-6PB4 | EFJ1003-6PB4 | EFJ1004-6PB4 | EFJ100X-6PB4 | EFJ100P-6PB4 | EFJ1002-6PB4 |
| 200 | 4 Pole ^① | EFJ2001-4PB8C | EFJ2003-4PB8C | EFJ2004-4PB8C | EFJ200X-4PB8C | EFJ200P-4PB8C | EFJ2002-4PB8C |
| | 6 Pole | — | — | — | — | — | — |
| 400 | 2 Pole ^① | EFJ4001-2PB4 | EFJ4003-2PB4 | EFJ4004-2PB4 | EFJ400X-2PB4 | EFJ400P-2PB4 | EFJ4002-2PB4 |
| | 4 Pole ^① | EFJ4001-4PB4 | EFJ4003-4PB4 | EFJ4004-4PB4 | EFJ400X-4PB4 | EFJ400P-4PB4 | EFJ4002-4PB4 |
| | 6 Pole | EFJ4001-6P8 | EFJ4003-6P8 | EFJ4004-6P8 | EFJ400X-6P8 | EFJ400P-6P8 | EFJ4002-6P8 |
| 600 | 2 Pole ^① | EFJ6001-2PB4 | EFJ6003-2PB4 | EFJ6004-2PB4 | EFJ600X-2PB4 | EFJ600P-2PB4 | EFJ6002-2PB4 |
| | 4 Pole ^① | EFJ6001-4PB4 | EFJ6003-4PB4 | EFJ6004-4PB4 | EFJ600X-4PB4 | EFJ600P-4PB4 | EFJ6002-4PB4 |
| | 6 Pole | EFJ6001-6P8 | EFJ6003-6P8 | EFJ6004-6P8 | EFJ600X-6P8 | EFJ600P-6P8 | EFJ6002-6P8 |
| 800 | 2 Pole ^① | EFL8001-2PB4 | EFL8003-2PB4 | EFL8004-2PB4 | EFL800X-2PB4 | EFL800P-2PB4 | EFL8002-2PB4 |
| | 4 Pole ^① | EFL8001-4PB4 | EFL8003-4PB4 | EFL8004-4PB4 | EFL800X-4PB4 | EFL800P-4PB4 | EFL8002-4PB4 |
| | 6 Pole | EFL8001-6P8 | EFL8003-6P8 | EFL8004-6P8 | EFL800X-6P8 | EFL800P-6P8 | EFL8002-6P8 |

2 Pole



4 Pole



6 Pole



Handle ratings

| Amperage range | Style type | NEMA | Color | Marking | Defeatable | Padlockable | Catalog number suffix | Catalog number |
|------------------------------------|------------|--------------|---------|--------------|------------|-------------|-----------------------|----------------|
| 30 | Selector | 1,3R,12 | Black | 0/I & OFF/ON | Yes | Yes | BJ | CDH5S |
| | Selector | 1,3R,12 | Red/Yel | 0/I & OFF/ON | Yes | Yes | YJ | CDH6S |
| | Pistol | 1,3R,12 | Black | 0/I & OFF/ON | Yes | Yes | B6 | BDH106 |
| | Pistol | 1,3R,12 | Red/Yel | 0/I & OFF/ON | Yes | Yes | Y6 | BDH107 |
| | Pistol | 1,3R,4,4X,12 | Black | 0/I & OFF/ON | Yes | Yes | B6 | CDHXB65 |
| | Pistol | 1,3R,4,4X,12 | Red/Yel | 0/I & OFF/ON | Yes | Yes | Y6 | CDHXY65 |
| 60 – 100 and 200A 3 & 4 Pole | Pistol | 1,3R,12 | Black | 0/I & OFF/ON | Yes | Yes | B6 | BDH58 |
| | Pistol | 1,3R,12 | Red/Yel | 0/I & OFF/ON | Yes | Yes | Y6 | BDH59 |
| | Pistol | 1,3R,12 | Black | 0/I & OFF/ON | Yes | Yes | B8 | BDH60 |
| | Pistol | 1,3R,12 | Red/Yel | 0/I & OFF/ON | Yes | Yes | Y8 | BDH61 |
| | Pistol | 1,3R,4,4X,12 | Black | 0/I & OFF/ON | Yes | Yes | B8 | CDHXB86 |
| | Pistol | 1,3R,4,4X,12 | Red/Yel | 0/I & OFF/ON | Yes | Yes | Y8 | CDHXY86 |
| 400A – 800A | Pistol | 1,3R,12 | Black | 0/I & OFF/ON | Yes | Yes | B4 | BDH114 |
| | Pistol | 1,3R,12 | Red/Yel | 0/I & OFF/ON | Yes | Yes | Y4 | BDH115 |
| | Pistol | 1,3R,12 | Black | 0/I & OFF/ON | Yes | Yes | B7 | BDH116 |
| | Pistol | 1,3R,12 | Red/Yel | 0/I & OFF/ON | Yes | Yes | Y7 | BDH117 |
| | Pistol | 1,3R,4,4X,12 | Black | 0/I & OFF/ON | Yes | Yes | B4 | CDHXB12 |
| | Pistol | 1,3R,4,4X,12 | Red/Yel | 0/I & OFF/ON | Yes | Yes | Y4 | CDHXY12 |
| | Pistol | 1,3R,4,4X,12 | Black | 0/I & OFF/ON | Yes | Yes | B7 | CDHXB22 |
| | Pistol | 1,3R,4,4X,12 | Red/Yel | 0/I & OFF/ON | Yes | Yes | Y7 | CDHXY22 |
| | Pistol | 1,3R,4,4X,12 | Metal | 0/I & OFF/ON | No | Yes | 8 | BDH8 |

Disconnect Switches

① Fusible switches are UL Listed to the UL98 standard.

② 600V T type fuse clips may be substituted at no charge. Please change the second character of the catalog number from "J" to "T."

Approximate Dimensions for Enclosed Fusible Disconnect Switches

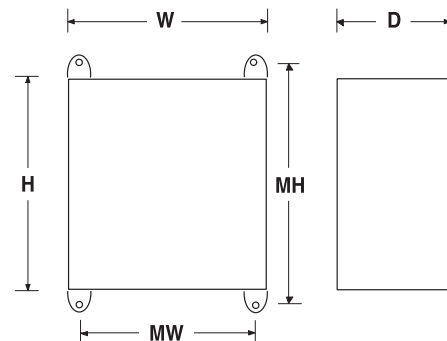
16A – 3150A NF; 30A – 800A F

2, 3 & 4^② Pole Fusible switches

| Frame Size | Enclosure type | H Height | W Width | D Depth | MH Mtg Height | MW Mtg Width | Weight |
|------------|----------------|----------|---------|---------|---------------|--------------|--------|
| CFD30_ | 1 | 10.00 | 8.00 | 5.00 | 7.00 | 7.00 | 12.0 |
| | 3R | 10.00 | 8.00 | 5.00 | 10.75 | 6.00 | 12.0 |
| | 4 | 10.00 | 8.00 | 6.00 | 10.75 | 6.00 | 12.0 |
| | 4X SS | 10.00 | 8.00 | 5.00 | 10.75 | 6.00 | 12.0 |
| | 4X Plastic | 10.00 | 8.00 | 5.90 | 10.75 | 6.00 | 8.0 |
| 12 | 10.00 | 8.00 | 5.00 | 10.75 | 6.00 | 12.0 | |
| CFD60_ | 1 | 10.00 | 8.00 | 6.00 | 7.00 | 7.00 | 13.0 |
| | 3R | 10.00 | 8.00 | 6.00 | 10.75 | 6.00 | 13.0 |
| | 4 | 10.00 | 8.00 | 6.00 | 10.75 | 6.00 | 13.0 |
| | 4X SS | 10.00 | 8.00 | 6.00 | 10.75 | 6.00 | 13.0 |
| | 4X Plastic | 10.00 | 8.00 | 5.90 | 10.75 | 6.00 | 9.0 |
| 12 | 10.00 | 8.00 | 6.00 | 10.75 | 6.00 | 13.0 | |
| CFD100_ | 1 | 14.00 | 12.00 | 8.00 | 11.00 | 9.00 | 22.00 |
| | 3R | 14.00 | 12.00 | 8.00 | 14.75 | 10.00 | 22.00 |
| | 4 | 14.00 | 12.00 | 8.00 | 14.75 | 10.00 | 22.00 |
| | 4X SS | 14.00 | 12.00 | 8.00 | 14.75 | 10.00 | 22.00 |
| | 4X Plastic | 14.00 | 12.00 | 8.00 | 14.75 | 10.00 | 16.00 |
| 12 | 14.00 | 12.00 | 8.00 | 14.75 | 10.00 | 22.00 | |
| CFD200_ | 1 | 24.00 | 16.00 | 8.00 | 25.50 | 18.50 | 75.00 |
| | 3R | 24.00 | 16.00 | 8.00 | 25.50 | 18.50 | 75.00 |
| | 4 | 24.00 | 16.00 | 8.00 | 25.50 | 18.50 | 75.00 |
| | 4X SS | 24.00 | 16.00 | 8.00 | 25.50 | 18.50 | 75.00 |
| | 4X Plastic | ① | ① | ① | ① | ① | ① |
| 12 | 24.00 | 16.00 | 10.00 | 25.50 | 18.00 | 75.00 | |
| FD400_ | 1 | 44.00 | 22.00 | 11.00 | 45.50 | 20.50 | 150.00 |
| | 3R | 44.00 | 22.00 | 11.00 | 49.50 | 20.50 | 150.00 |
| | 4 | 48.00 | 24.00 | 12.00 | 49.50 | 22.50 | 150.00 |
| | 4X SS | 48.00 | 24.00 | 12.00 | 49.50 | 22.50 | 150.00 |
| | 4X Plastic | ① | ① | ① | ① | ① | ① |
| 12 | 44.00 | 22.00 | 11.00 | 45.50 | 20.50 | 150.00 | |
| FD600_ | 1 | 44.00 | 22.00 | 11.00 | 45.50 | 20.50 | 150.00 |
| | 3R | 44.00 | 22.00 | 11.00 | 49.50 | 20.50 | 150.00 |
| | 4 | 48.00 | 24.00 | 12.00 | 49.50 | 22.50 | 150.00 |
| | 4X SS | 48.00 | 24.00 | 12.00 | 49.50 | 22.50 | 150.00 |
| | 4X Plastic | ① | ① | ① | ① | ① | ① |
| 12 | 44.00 | 22.00 | 11.00 | 45.50 | 20.50 | 150.00 | |
| FD800_ | 1 | 48.00 | 24.00 | 12.00 | 49.50 | 22.50 | 170.00 |
| | 3R | 48.00 | 24.00 | 12.00 | 49.50 | 22.50 | 170.00 |
| | 4 | 48.00 | 24.00 | 12.00 | 49.50 | 22.50 | 170.00 |
| | 4X SS | 48.00 | 24.00 | 12.00 | 49.50 | 22.50 | 170.00 |
| | 4X Plastic | ① | ① | ① | ① | ① | ① |
| 12 | 48.00 | 24.00 | 12.00 | 49.50 | 22.50 | 170.00 | |

6 Pole Fusible switches

| Frame Size | Enclosure type | H Height | W Width | D Depth | MH Mtg Height | MW Mtg Width | Weight |
|------------|----------------|----------|---------|---------|---------------|--------------|--------|
| CFD30_ | 1 | 14.00 | 12.00 | 8.00 | 11.00 | 9.00 | 22.00 |
| | 3R | 14.00 | 12.00 | 8.00 | 14.75 | 10.00 | 22.00 |
| | 4 | 14.00 | 12.00 | 8.00 | 14.75 | 10.00 | 22.00 |
| | 4X SS | 14.00 | 12.00 | 8.00 | 14.75 | 10.00 | 22.00 |
| | 4X Plastic | 14.00 | 12.00 | 8.00 | 14.75 | 10.00 | 16.00 |
| 12 | 14.00 | 12.00 | 8.00 | 14.75 | 10.00 | 22.00 | |
| CFD60_ | 1 | 20.00 | 20.00 | 8.00 | 21.50 | 18.50 | 60.00 |
| | 3R | 20.00 | 20.00 | 8.00 | 21.50 | 18.50 | 60.00 |
| | 4 | 20.00 | 20.00 | 8.00 | 21.50 | 18.50 | 60.00 |
| | 4X SS | 20.00 | 20.00 | 8.00 | 21.50 | 18.50 | 60.00 |
| | 4X Plastic | 24.00 | 16.00 | 10.00 | — | — | 60.00 |
| 12 | 20.00 | 20.00 | 8.00 | 21.50 | 18.50 | 60.00 | |
| CFD100_ | 1 | 20.00 | 20.00 | 8.00 | 21.50 | 18.50 | 60.00 |
| | 3R | 20.00 | 20.00 | 8.00 | 21.50 | 18.50 | 60.00 |
| | 4 | 20.00 | 20.00 | 8.00 | 21.50 | 18.50 | 60.00 |
| | 4X SS | 20.00 | 20.00 | 8.00 | 21.50 | 18.50 | 60.00 |
| | 4X Plastic | 24.00 | 16.00 | 10.00 | 21.50 | 18.50 | 60.00 |
| 12 | 20.00 | 20.00 | 8.00 | 21.50 | 18.50 | 60.00 | |
| CFD200_ | 1 | 36.00 | 30.00 | 12.00 | 37.50 | 28.50 | 100.0 |
| | 3R | 36.00 | 30.00 | 12.00 | 37.50 | 28.50 | 100.0 |
| | 4 | 36.00 | 30.00 | 12.00 | 37.50 | 28.50 | 100.0 |
| | 4X SS | 36.00 | 30.00 | 12.00 | 37.50 | 28.50 | 100.0 |
| | 4X Plastic | ① | ① | ① | ① | ① | ① |
| 12 | 36.00 | 30.00 | 12.00 | 37.50 | 28.50 | 100.0 | |
| FD400_ | 1 | 48.00 | 36.00 | 16.00 | 49.50 | 34.50 | 220.00 |
| | 3R | 48.00 | 36.00 | 16.00 | 49.50 | 34.50 | 220.00 |
| | 4 | 48.00 | 36.00 | 16.00 | 49.50 | 34.50 | 220.00 |
| | 4X SS | 48.00 | 36.00 | 16.00 | 49.50 | 34.50 | 220.00 |
| | 4X Plastic | ① | ① | ① | ① | ① | ① |
| 12 | 48.00 | 36.00 | 16.00 | 49.50 | 34.50 | 220.00 | |
| FD600_ | 1 | 48.00 | 36.00 | 16.00 | 49.50 | 34.50 | 230.00 |
| | 3R | 48.00 | 36.00 | 16.00 | 49.50 | 34.50 | 230.00 |
| | 4 | 48.00 | 36.00 | 16.00 | 49.50 | 34.50 | 230.00 |
| | 4X SS | 48.00 | 36.00 | 16.00 | 49.50 | 34.50 | 230.00 |
| | 4X Plastic | ① | ① | ① | ① | ① | ① |
| 12 | 48.00 | 36.00 | 16.00 | 49.50 | 34.50 | 230.00 | |
| FD800_ | 1 | 48.00 | 36.00 | 16.00 | 49.50 | 34.50 | 230.00 |
| | 3R | 48.00 | 36.00 | 16.00 | 49.50 | 34.50 | 230.00 |
| | 4 | 48.00 | 36.00 | 16.00 | 49.50 | 34.50 | 230.00 |
| | 4X SS | 48.00 | 36.00 | 16.00 | 49.50 | 34.50 | 230.00 |
| | 4X Plastic | ① | ① | ① | ① | ① | ① |
| 12 | 48.00 | 36.00 | 16.00 | 49.50 | 34.50 | 230.00 | |



① Please consult factory.

② Some 4-pole switches require larger enclosures. Please consult factory

16A – 3150A Enclosed Non-fusible Disconnect Switches



3 Pole, 600V, 16A – 100A — Selector handle

| UL general purpose amp rating | NEMA Enclosure type | | | |
|-------------------------------|---------------------|----------------|------------------------------------------------------------------|-----------------------------------------------------------------------------|
| | 1 | 3R | 4 ^① Selector handles are only NEMA rated 1, 3R, 12 | 4X Stainless ^① Selector handles are only NEMA rated 1, 3R, 12 |
| | Catalog number | Catalog number | Catalog number | Catalog number |
| 16 | ENF161-3PBJ | ENF163-3PBJ | ENF164-3PBJ | ENF16X-3PBJ |
| 25 | ENF251-3PBJ | ENF253-3PBJ | ENF254-3PBJ | ENF25X-3PBJ |
| 40 | ENF321-3PBJ | ENF323-3PBJ | ENF324-3PBJ | ENF32X-3PBJ |
| 60 | ENF451-3PBJ | ENF453-3PBJ | ENF454-3PBJ | ENF45X-3PBJ |
| 80 | ENF631-3PBJ | ENF633-3PBJ | ENF634-3PBJ | ENF63X-3PBJ |

3 Pole, 600V, 16A – 3150A — Pistol handle

| UL general purpose amp rating | NEMA Enclosure type | | | | |
|-------------------------------|---------------------|----------------|----------------|----------------|---------------|
| | 1 | 3R | 4 | 4X Stainless | |
| | Catalog number | Catalog number | Catalog number | Catalog number | |
| UL 508 | 16 | ENF161-3PB6 | ENF163-3PB6 | ENF164-3PB6 | ENF16X-3PB6 |
| | 25 | ENF251-3PB6 | ENF253-3PB6 | ENF254-3PB6 | ENF25X-3PB6 |
| | 40 | ENF321-3PB6 | ENF323-3PB6 | ENF324-3PB6 | ENF32X-3PB6 |
| | 60 | ENF451-3PB6 | ENF453-3PB6 | ENF454-3PB6 | ENF45X-3PB6 |
| | 80 | ENF631-3PB6 | ENF633-3PB6 | ENF634-3PB6 | ENF63X-3PB6 |
| UL 98 | 30 | ENF301-3PB6 | ENF303-3PB6 | ENF304-3PB6 | ENF30X-3PB6 |
| | 60 | ENF601-3PB6 | ENF603-3PB6 | ENF604-3PB6 | ENF60X-3PB6 |
| | 100 | ENF1001-3PB6 | ENF1003-3PB6 | ENF1004-3PB6 | ENF100X-3PB6 |
| | 125 | ENF1251-3PB6 | ENF1253-3PB6 | ENF1254-3PB6 | ENF125X-3PB6 |
| | 200 | ENF2001-3PB8B | ENF2003-3PB8B | ENF2004-3PB8B | ENF200X-3PB8B |
| | 400 | ENF4001-3PB4B | ENF4003-3PB4B | ENF4004-3PB4B | ENF400X-3PB4B |
| | 600 | ENF6001-3PB4 | ENF6003-3PB4 | ENF6004-3PB4 | ENF600X-3PB4 |
| | 800 | ENF8001-3PB4 | ENF8003-3PB4 | ENF8004-3PB4 | ENF800X-3PB4 |
| | 1200 | ENF12001-3PB4 | ENF12003-3PB4 | ENF12004-3PB4 | ENF1200X-3PB4 |
| | 1600 | ENF16001-3P8 | ENF16003-3P8 | ENF16004-3P8 | ENF1600X-3P8 |
| 2000 | ENF20001-3P8 | ENF20003-3P8 | ENF20004-3P8 | ENF2000X-3P8 | |
| 3150 ^② | ENF31501-3P8 | ENF31503-3P8 | ENF31504-3P8 | ENF3150X-3P8 | |

Disconnect Switches

① Enclosures are rated as listed, selector handles are only NEMA rated 1, 3R, 12. The overall NEMA rating of an enclosed switch with a selector handle is 1, 3R, 12.
 ② IEC rated only.

16A – 3150A Enclosed Non-fusible Disconnect Switches



3 Pole, 600V, 16A – 100A — Selector handle

| UL general purpose amp rating | NEMA Enclosure type | | IEC Enclosure type |
|----------------------------------|------------------------------------------------------------------------------------|-------------------|---------------------|
| | 4X Plastic^① Selector handles are only NEMA rated 1, 3R, 12 | 12 | IP65 Plastic |
| | Catalog number | Catalog number | Catalog number |
| 16 | ENF16P-3PBJ | ENF162-3PBJ | ENF16E-3PBJ A or B |
| 25 | ENF25P-3PBJ | ENF252-3PBJ | ENF25E-3PBJ |
| 40 | ENF32P-3PBJ | ENF322-3PBJ | ENF32E-3PBJ |
| 60 | ENF45P-3PBJ | ENF452-3PBJ | ENF45E-3PBJ |
| 80 | ENF63P-3PBJ | ENF632-3PBJ | ENF63E-3PBJ |

3 Pole, 600V, 16A – 3150A — Pistol handle

| UL general purpose amp rating | NEMA Enclosure type | | IEC Enclosure type |
|----------------------------------|---------------------|-------------------|---------------------|
| | 4X Plastic | 12 | IP65 Plastic |
| | Catalog number | Catalog number | Catalog number |
| 16 | ENF16P-3PB6 | ENF162-3PB6 | ENF16E-3PB4 |
| 25 | ENF25P-3PB6 | ENF252-3PB6 | ENF25E-3PB4 |
| 40 | ENF32P-3PB6 | ENF322-3PB6 | ENF32E-3PB4 |
| 60 | ENF45P-3PB6 | ENF452-3PB6 | ENF45E-3PB4 |
| 80 | ENF63P-3PB6 | ENF632-3PB6 | ENF63E-3PB4 |
| 30 | ENF30P-3PB6 | ENF302-3PB6 | ENF30E-3PB6 |
| 60 | ENF60P-3PB6 | ENF602-3PB6 | ENF60E-3PB6 |
| 100 | ENF100P-3PB6 | ENF1002-3PB6 | ENF100E-3PB6 |
| 125 | ENF125P-3PB6 | ENF1252-3PB6 | ENF125E-3PB6 |
| 200 | ENF200P-3PB8B | ENF2002-3PB8B | — |
| 400 | ENF400P-3PB4B | ENF4002-3PB4B | — |
| 600 | ENF600P-3PB4 | ENF6002-3PB4 | — |
| 800 | ENF800P-3PB4 | ENF8002-3PB4 | — |
| 1200 | ENF1200P-3PB4 | ENF12002-3PB4 | — |
| 1600 | ENF1600P-3P8 | ENF16002-3P8 | — |
| 2000 | ENF2000P-3P8 | ENF20002-3P8 | — |
| 3150 ^② | ENF3150P-3P8 | ENF31502-3P8 | — |

NOTE: All enclosed switches are provided with a black handle; however, most handles can be substituted with a red and yellow handle if desired. Please substitute the handle suffix code (2nd and 3rd from last characters) with the red/yellow handle catalog number suffix from page 3.12. There is no additional price adder for changing to a red/yellow handle of equal ratings and style.

EXAMPLE: A red/yellow selector handle for an NF161-3PBJA can be substituted for the black selector handle by using the "YJ" suffix instead of the "BJ" suffix, new catalog #NF161-3PYJA.

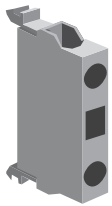
^① Enclosures are rated as listed, selector handles are only NEMA rated 1, 3R, 12. The overall NEMA rating of an enclosed switch with a selector handle is 1, 3R, 12.
^② IEC rated only.

Accessories for Enclosed Non-fusible Disconnect Switches

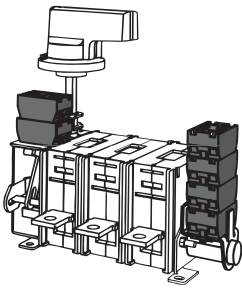
Other Configurations



CDAUX__



CDAUXCA__



BDAUX__



3 Position selector switch



Pilot light

Auxiliary contacts

| For use on: | Contact configuration | Catalog number | Installation suffix |
|-------------|-----------------------|----------------|---------------------|
| 16A – 100A | 1 N.O. | CDAUX10 | add "10" suffix |
| | 1 N.C. | CDAUX01 | add "01" suffix |
| 125A | 1 N.O. | CDAUXCA10 | add "10" suffix |
| | 1 N.C. | CDAUXCA01 | add "01" suffix |
| 200A-400A | 1 N.O. | CDAUX10 | add "10" suffix |
| | 1 N.C. | CDAUX01K | add "01" suffix |
| 600A –800A | 1 N.O. & 1 N.C. | BDAUX1 | add "11" suffix |
| | 2 N.O. & 2 N.C. | BDAUX2 | add "22" suffix |

Accessories

| For use on: | Contact configuration | Installation suffix |
|---------------|----------------------------------|---------------------|
| 16, 25, 40A | Neutral or isolated ground block | N or G |
| 40A – 60A | Neutral or isolated ground block | N or G |
| 80A – 100A | Neutral or isolated ground block | N or G |
| 125A | Neutral or isolated ground block | N or G |
| 200A – 1200A | Neutral block | N |
| 1600A – 3150A | Neutral block | N |
| 16A – 30A | Switched neutral block | S |
| 40A – 60A | Switched neutral block | S |
| 80A – 100A | Switched neutral block | S |
| 125A | Switched neutral block | S |
| 80A – 1200A | Service entrance, 3 wire | U |
| 80A – 1200A | Service entrance, 4 wire | V |
| 16A – 3150A | Start/stop pushbuttons | A |
| | 2 position selector switch | C |
| | 3 position selector switch | D |
| | Pilot light "red/run" | E |
| | Ammeter 1 phase | AM |
| | Voltmeter | VM |

Ground lugs

All enclosed switches are provided with a standard integral ground lug.

| Switch size | Ground lug Wire size |
|---------------|----------------------|
| 16A – 100A | (2) #14 |
| 200A – 400A | #6 – 250 mcm |
| 600A – 1200A | #2 – 600 mcm |
| 2000A – 3150A | (2) #2 – 600 mcm |

Technical Data for Enclosed Non-fusible Disconnect Switches

Switch ratings, 16 – 3150 Amps, 600V

| UL General purpose amp rating | Maximum horsepower rating | | | | | | | | Wire size for terminal lugs | For wire type | Approval |
|----------------------------------------|---------------------------|------|------|-------------|------|------|------|--------------------|-----------------------------|------------------------|------------------------|
| | Single phase | | | Three phase | | | | | | | |
| | 120V | 200V | 240V | 200V – 208V | 240V | 480V | 600V | | | | |
| UL 508 | 16 | 1/2 | 1.5 | 1.5 | 3 | 5 | 10 | 10 | #18 – 8 | Cu | cULus, UL ^① |
| | 25 | 3/4 | 2 | 2 | 7.5 | 7.5 | 15 | 20 | #18 – 8 | Cu | cULus, UL ^① |
| | 40 | 1 | 3 | 3 | 10 | 10 | 20 | 25 | #18 – 8 | Cu | cULus, UL ^① |
| | 60 | 2 | 5 | 5 | 15 | 15 | 30 | 30 | #14 – 1 | Cu | cULus, UL ^① |
| | 80 | 2 | 5 | 5 | 20 | 20 | 40 | 50 | #14 – 1 | Cu | cULus, UL ^① |
| UL 98 | 30 | 2 | 5 | 5 | 10 | 10 | 20 | 30 | #14 – 4 | Cu | cULus, UL ^② |
| | 60 | 3 | 7.5 | 7.5 | 20 | 20 | 40 | 40 | #14 – 4 | Cu | cULus, UL ^② |
| | 100 | 5 | 15 | 15 | 25 | 25 | 50 | 40 | #8 – 1/0 | Cu | cULus, UL ^② |
| | 125 | 7.5 | 20 | 20 | 30 | 30 | 60 | 75 | #8 – 1/0 | Cu | cULus, UL ^② |
| | 200 | — | — | — | 60 | 75 | 150 | 200 | #6 – 300 kcmil | Cu | cULus, UL ^② |
| | 400 | — | — | — | 100 | 125 | 250 | 350 | #2 – 600 kcmil | Cu | cULus, UL ^② |
| | 600 | — | — | — | 150 | 200 | 400 | 500 | (2) #2 – 600 kcmil | Cu | cULus, UL ^② |
| | 800 | — | — | — | 200 | 250 | 500 | 600 | (2) #2 – 600 kcmil | Cu/Al | cULus, UL ^② |
| | 1200 | — | — | — | — | — | — | — | (4) #2 – 600 kcmil | Cu/Al | cULus, UL ^② |
| | 1600 | — | — | — | — | — | — | — | (4) #2 – 600 kcmil | Cu/Al | cULus, UL ^② |
| 2000 | — | — | — | — | — | — | — | (8) #2 – 600 kcmil | Cu/Al | cULus, UL ^② | |
| 3150 ^③ | — | — | — | — | — | — | — | (8) #2 – 600 kcmil | Cu/Al | IEC | |

Handle ratings, 16 – 3150 Amps, 600V

| Amperage range | Style type | NEMA | Color | Marking | Defeatable | Padlockable | Catalog number suffix | Catalog number |
|----------------|------------|--------------|---------|--------------|------------|-------------|-----------------------|----------------|
| 16 – 100 | Selector | 1,3R,12 | Black | 0/I & OFF/ON | Yes | Yes | BJ | CDH5S |
| | Selector | 1,3R,12 | Red/Yel | 0/I & OFF/ON | Yes | Yes | YJ | CDH6S |
| | Pistol | 1,3R,12 | Black | 0/I & OFF/ON | Yes | Yes | B6 | BDH106 |
| | Pistol | 1,3R,12 | Red/Yel | 0/I & OFF/ON | Yes | Yes | Y6 | BDH107 |
| | Pistol | 1,3R,4,4X,12 | Black | 0/I & OFF/ON | Yes | Yes | B6 | CDHXB65 |
| | Pistol | 1,3R,4,4X,12 | Red/Yel | 0/I & OFF/ON | Yes | Yes | Y6 | CDHXY65 |
| 125 | Pistol | 1,3R,12 | Black | 0/I & OFF/ON | Yes | Yes | B6 | BDH120 |
| | Pistol | 1,3R,12 | Red/Yel | 0/I & OFF/ON | Yes | Yes | Y6 | BDH121 |
| | Pistol | 1,3R,4,4X,12 | Black | 0/I & OFF/ON | Yes | Yes | B8 | CDHXB86 |
| | Pistol | 1,3R,4,4X,12 | Red/Yel | 0/I & OFF/ON | Yes | Yes | Y8 | CDHXY86 |
| 200 | Pistol | 1,3R,12 | Black | 0/I & OFF/ON | Yes | Yes | B8 | BDH60 |
| | Pistol | 1,3R,12 | Red/Yel | 0/I & OFF/ON | Yes | Yes | Y8 | BDH61 |
| | Pistol | 1,3R,4,4X,12 | Black | 0/I & OFF/ON | Yes | Yes | B8 | CDHXB86 |
| | Pistol | 1,3R,4,4X,12 | Red/Yel | 0/I & OFF/ON | Yes | Yes | Y8 | CDHXY86 |
| 400 – 3150 | Pistol | 1,3R,12 | Black | 0/I & OFF/ON | Yes | Yes | B4 | BDH114 |
| | Pistol | 1,3R,12 | Red/Yel | 0/I & OFF/ON | Yes | Yes | Y4 | BDH115 |
| | Pistol | 1,3R,12 | Black | 0/I & OFF/ON | Yes | Yes | B7 | BDH116 |
| | Pistol | 1,3R,12 | Red/Yel | 0/I & OFF/ON | Yes | Yes | Y7 | BDH117 |
| | Pistol | 1,3R,4,4X,12 | Black | 0/I & OFF/ON | Yes | Yes | B4 | CDHXB12 |
| | Pistol | 1,3R,4,4X,12 | Red/Yel | 0/I & OFF/ON | Yes | Yes | Y4 | CDHXY12 |
| | Pistol | 1,3R,4,4X,12 | Black | 0/I & OFF/ON | Yes | Yes | B7 | CDHXB22 |
| | Pistol | 1,3R,4,4X,12 | Red/Yel | 0/I & OFF/ON | Yes | Yes | Y7 | CDHXY22 |
| | Pistol | 1,3R,4,4X,12 | Metal | 0/I & OFF/ON | No | Yes | 8 | BDH8 |

① UL Listed (UL508).

② UL Listed (UL98).

③ IEC rated only.

Approximate Dimensions for Enclosed Non-fusible Disconnect Switches

2, 3 & 4³Pole Non-fusible switches

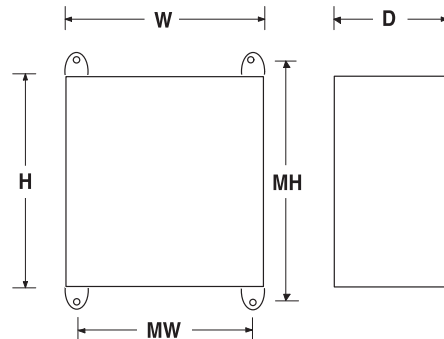
| Frame Size | Enclosure type | H Height | W Width | D Depth | MH Mig Height | MW Mig Width | Weight |
|--------------------------------------|----------------|----------|---------|---------|---------------|--------------|--------|
| CDNF16 CDNF25 CDNF32 | 1 | 7.0 | 5.0 | 3.0 | 4.0 | 4.0 | 4.0 |
| | 3R | 7.0 | 5.0 | 3.0 | 7.75 | 3.0 | 4.0 |
| | 4 | 6.0 | 6.0 | 4.0 | 6.75 | 4.0 | 4.0 |
| | 4X SS | 7.0 | 5.0 | 3.0 | 7.75 | 3.0 | 4.0 |
| | 4X Plastic | 6.0 | 6.0 | 5.9 | 6.75 | 4.0 | 4.0 |
| | 12 | 7.0 | 5.0 | 3.0 | 7.75 | 3.0 | 4.0 |
| CDNF45 CDNF63 CDNF30 CDNF60 | 1 | 8.0 | 6.0 | 4.0 | 7.0 | 5.0 | 6.0 |
| | 3R | 8.0 | 6.0 | 4.0 | 8.75 | 4.0 | 6.0 |
| | 4 | 8.0 | 6.0 | 4.0 | 8.75 | 4.0 | 6.0 |
| | 4X SS | 8.0 | 6.0 | 4.0 | 8.75 | 4.0 | 6.0 |
| | 4X Plastic | 8.0 | 6.0 | 5.9 | 8.75 | 4.0 | 6.0 |
| | 12 | 8.0 | 6.0 | 4.0 | 8.75 | 4.0 | 6.0 |
| CDNF100 | 1 | 10.0 | 8.0 | 5.0 | 7.0 | 7.0 | 9.0 |
| | 3R | 10.0 | 8.0 | 5.0 | 10.75 | 6.0 | 9.0 |
| | 4 | 10.0 | 8.0 | 4.0 | 10.75 | 6.0 | 9.0 |
| | 4X SS | 10.0 | 8.0 | 5.0 | 10.75 | 6.0 | 9.0 |
| | 4X Plastic | 10.0 | 8.0 | 5.9 | 10.75 | 6.0 | 9.0 |
| | 12 | 10.0 | 8.0 | 5.0 | 10.75 | 6.0 | 9.0 |
| CDNF160 | 1 | 14.0 | 12.0 | 8.0 | 11.0 | 9.0 | 20 |
| | 3R | 14.0 | 12.0 | 8.0 | 14.75 | 10.0 | 20 |
| | 4 | 14.0 | 12.0 | 6.0 | 14.75 | 10.0 | 20 |
| | 4X SS | 14.0 | 12.0 | 8.0 | 14.75 | 10.0 | 20 |
| | 4X Plastic | 14.0 | 12.0 | 5.9 | 14.75 | 10.0 | 12 |
| | 12 | 14.0 | 12.0 | 8.0 | 14.75 | 10.0 | 20 |
| CDNF200 | 1 | 20.00 | 16.00 | 6.00 | 21.50 | 14.50 | 50.00 |
| | 3R | 20.00 | 16.00 | 6.00 | 21.50 | 14.50 | 50.00 |
| | 4 | 20.00 | 16.00 | 6.00 | 21.50 | 14.50 | 50.00 |
| | 4X SS | 20.00 | 16.00 | 6.00 | 21.50 | 14.50 | 50.00 |
| | 4X Plastic | 24.00 | 16.00 | 10.00 | 25.50 | 14.50 | 40.00 |
| | 12 | 20.00 | 16.00 | 6.00 | 21.50 | 14.50 | 50.00 |
| CDNF400 BDNF600 | 1 | 36.00 | 24.00 | 8.000 | 37.50 | 22.50 | 120.00 |
| | 3R | 36.00 | 24.00 | 8.000 | 37.50 | 22.50 | 120.00 |
| | 4 | 36.00 | 24.00 | 8.000 | 37.50 | 22.50 | 120.00 |
| | 4X SS | 36.00 | 24.00 | 8.000 | 37.50 | 22.50 | 130.00 |
| | 4X Plastic | 39.31 | 30.60 | 13.80 | 38.00 | 24.00 | 1.00 |
| | 12 | 36.00 | 24.00 | 8.000 | 37.50 | 22.50 | 120.00 |
| BDNF800 BDNF1200 | 1 | 60.00 | 36.00 | 12.00 | 61.50 | 34.50 | 200.00 |
| | 3R | 60.00 | 36.00 | 12.00 | 61.50 | 34.50 | 200.00 |
| | 4 | 60.00 | 36.00 | 12.00 | 61.50 | 34.50 | 200.00 |
| | 4X SS | 60.00 | 36.00 | 12.00 | 61.50 | 34.50 | 200.00 |
| | 12 | 60.00 | 36.00 | 12.00 | 61.50 | 34.50 | 200.00 |

6 Pole Non-fusible Enclosed switches

| Frame Size | Enclosure type | H Height | W Width | D Depth | MH Mig Height | MW Mig Width | Weight |
|----------------------------------|----------------|----------|---------|---------|---------------|--------------|--------|
| CDNF16 CDNF15 CDNF32 | 1 | 8.0 | 6.0 | 4.0 | 7.00 | 5.0 | 6.0 |
| | 3R | 8.0 | 6.0 | 4.0 | 8.75 | 4.0 | 6.0 |
| | 4 | 8.0 | 6.0 | 4.0 | 8.75 | 4.0 | 6.0 |
| | 4X SS | 8.0 | 6.0 | 4.0 | 8.75 | 4.0 | 6.0 |
| | 4X Plastic | 6.0 | 6.0 | 5.9 | 8.75 | 4.0 | 6.0 |
| | 12 | 8.0 | 6.0 | 4.0 | 8.75 | 4.0 | 6.0 |
| CDNF45 CDNF63 | 1 | 10.0 | 8.0 | 5.0 | 7.0 | 7.0 | 6.0 |
| | 3R | 10.0 | 8.0 | 5.0 | 10.75 | 6.0 | 6.0 |
| | 4 | 10.0 | 8.0 | 6.0 | 10.75 | 6.0 | 6.0 |
| | 4X SS | 10.0 | 8.0 | 5.0 | 10.75 | 6.0 | 6.0 |
| | 4X Plastic | 10.0 | 8.0 | 7.9 | 10.75 | 6.0 | 6.0 |
| | 12 | 10.0 | 8.0 | 5.0 | 10.75 | 6.0 | 6.0 |
| CDNF30 CDNF60 CDNF100 | 1 | 10.0 | 8.0 | 5.0 | 7.0 | 7.0 | 9.0 |
| | 3R | 10.0 | 8.0 | 5.0 | 10.75 | 6.0 | 9.0 |
| | 4 | 10.0 | 8.0 | 6.0 | 10.75 | 6.0 | 9.0 |
| | 4X SS | 10.0 | 8.0 | 5.0 | 10.75 | 6.0 | 9.0 |
| | 4X Plastic | 10.0 | 8.0 | 7.9 | 10.00 | 0.0 | 9.0 |
| | 12 | 10.0 | 8.0 | 5.0 | 0.0 | 6.0 | 9.0 |
| CDNF160 | 1 | 16.0 | 6.0 | 6.0 | 17.50 | 14.5 | 20 |
| | 3R | 16.0 | 6.0 | 6.0 | 17.50 | 14.5 | 20 |
| | 4 | 16.0 | 6.0 | 6.0 | 17.50 | 14.5 | 20 |
| | 4X SS | 16.0 | 6.0 | 6.0 | 17.50 | 14.5 | 20 |
| | 4X Plastic | 16.0 | 14.0 | 8.0 | 16.75 | 12.0 | 20 |
| | 12 | 16.0 | 6.0 | 6.0 | 17.50 | 14.5 | 20 |
| CDNF200 | 1 | 20.0 | 20.0 | 8.0 | 21.50 | 18.5 | 60 |
| | 3R | 20.0 | 20.0 | 8.0 | 21.50 | 18.5 | 60 |
| | 4 | 20.0 | 20.0 | 8.0 | 21.50 | 18.5 | 60 |
| | 4X SS | 20.0 | 20.0 | 8.0 | 21.50 | 18.5 | 60 |
| | 4X Plastic | 24.0 | 20.0 | 10.0 | 25.50 | 18.0 | 60 |
| | 12 | 20.0 | 20.0 | 8.0 | 21.50 | 18.5 | 60 |
| CDNF400 BDNF600 | 1 | 36.00 | 30.00 | 8.0 | 37.50 | 28.50 | 160.00 |
| | 3R | 36.00 | 30.00 | 8.0 | 37.50 | 28.50 | 160.00 |
| | 4 | 36.00 | 30.00 | 8.0 | 37.50 | 28.50 | 160.00 |
| | 4X SS | 36.00 | 30.00 | 8.0 | 37.50 | 28.50 | 160.00 |
| | 4X Plastic | ⓪ | ⓪ | ⓪ | ⓪ | ⓪ | ⓪ |
| | 12 | 36.00 | 30.00 | 8.0 | 37.50 | 28.50 | 160.00 |
| BDNF800 BDNF1200 | 1 | 60.00 | 36.00 | 12.00 | 61.50 | 34.50 | 240.00 |
| | 3R | 60.00 | 36.00 | 12.00 | 61.50 | 34.50 | 240.00 |
| | 4 | 60.00 | 36.00 | 12.00 | 61.50 | 34.50 | 240.00 |
| | 4X SS | 60.00 | 36.00 | 12.00 | 61.50 | 34.50 | 240.00 |
| | 4X Plastic | ⓪ | ⓪ | ⓪ | ⓪ | ⓪ | ⓪ |
| | 12 | 60.00 | 36.00 | 12.00 | 61.50 | 34.50 | 240.00 |
| BDNF1600 BDNF2000 BDNF3150 | 1 | 90.00 | 36.00 | 24.00 | 2.000 | 34.50 | 600.00 |
| | 3R | 90.00 | 36.00 | 24.00 | 2.000 | 34.50 | 600.00 |
| | 4 | ⓪ | ⓪ | ⓪ | ⓪ | ⓪ | ⓪ |
| | 4X SS | ⓪ | ⓪ | ⓪ | ⓪ | ⓪ | ⓪ |
| | 4X Plastic | ⓪ | ⓪ | ⓪ | ⓪ | ⓪ | ⓪ |
| | 12 | 90.00 | 36.00 | 24.00 | ⓪ | ⓪ | 600.00 |

Disconnect Switches

⓪ Please consult factory.
 ⓑ Enclosure is free standing.
 ⓒ Some 4-pole switches require larger enclosures. Please consult factory.



Approximate Dimensions for Enclosed Non-fusible Disconnect Switches

Mechanical Interlock for Non-Fusible Enclosed

| Frame Size | Enclosure type | H Height | W Width | D Depth | MH Mtg Height | MW Mtg Width | Weight |
|----------------------------------|----------------|----------|---------|---------|---------------|--------------|--------|
| CDNF16 CDNF15 CDNF32 | 1 | 10.0 | 8.0 | 6.0 | 10.8 | 6.0 | 4.0 |
| | 3R | 10.0 | 8.0 | 6.0 | 10.8 | 6.0 | 4.0 |
| | 4 | 10.0 | 8.0 | 6.0 | 10.8 | 6.0 | 4.0 |
| | 4X SS | 10.0 | 8.0 | 6.0 | 10.8 | 6.0 | 4.0 |
| | 4X Plastic | 10.0 | 8.0 | 6.0 | 10.8 | 6.0 | 4.0 |
| | 12 | 10.0 | 8.0 | 6.0 | 10.8 | 6.0 | 4.0 |
| CDNF45 CDNF63 | 1 | 10.00 | 8.00 | 5.00 | 7.00 | 7.00 | 6.0 |
| | 3R | 10.00 | 8.00 | 5.00 | 10.75 | 6.00 | 6.0 |
| | 4 | 10.00 | 8.00 | 6.00 | 10.75 | 6.00 | 6.0 |
| | 4X SS | 10.00 | 8.00 | 5.00 | 10.75 | 6.00 | 6.0 |
| | 4X Plastic | 10.00 | 8.00 | 7.90 | 10.75 | 6.00 | 6.0 |
| | 12 | 10.00 | 8.00 | 5.00 | 10.75 | 6.00 | 6.0 |
| CDNF30 CDNF60 CDNF100 | 1 | 10.0 | 8.0 | 5.0 | 7.0 | 7.0 | 9.0 |
| | 3R | 10.0 | 8.0 | 5.0 | 10.75 | 6.0 | 9.0 |
| | 4 | 10.0 | 8.0 | 6.0 | 10.75 | 6.0 | 9.0 |
| | 4X SS | 10.0 | 8.0 | 5.0 | 10.75 | 6.0 | 9.0 |
| | 4X Plastic | 10.0 | 8.0 | 7.9 | 00.00 | 0.0 | 9.0 |
| | 12 | 10.0 | 8.0 | 5.0 | 0.0 | 6.0 | 9.0 |
| CDNF160 | 1 | 14.0 | 12.0 | 8.0 | 10.00 | 9.0 | 20 |
| | 3R | 14.0 | 12.0 | 8.0 | 14.75 | 10.5 | 20 |
| | 4 | 14.0 | 12.0 | 8.0 | 14.75 | 10.5 | 20 |
| | 4X SS | 14.0 | 12.0 | 8.0 | 14.75 | 10.5 | 20 |
| | 4X Plastic | 14.0 | 12.0 | 8.0 | 00.00 | 0.0 | 20 |
| | 12 | 14.0 | 12.0 | 8.0 | 14.75 | 10.5 | 20 |
| CDNF200 | 1 | 20.0 | 20.0 | 8.0 | 21.50 | 18.5 | 60 |
| | 3R | 20.0 | 20.0 | 8.0 | 21.50 | 18.5 | 60 |
| | 4 | 20.0 | 20.0 | 8.0 | 21.50 | 18.5 | 60 |
| | 4X SS | 20.0 | 20.0 | 8.0 | 21.50 | 18.5 | 60 |
| | 4X Plastic | 24.0 | 20.0 | 10.0 | 25.50 | 18.0 | 60 |
| | 12 | 20.0 | 20.0 | 8.0 | 21.50 | 18.5 | 60 |
| CDNF400 BDNF600 | 1 | 36.00 | 30.00 | 8.000 | 37.50 | 28.50 | 160.00 |
| | 3R | 36.00 | 30.00 | 8.000 | 37.50 | 28.50 | 160.00 |
| | 4 | 36.00 | 30.00 | 8.000 | 37.50 | 28.50 | 160.00 |
| | 4X SS | 36.00 | 30.00 | 8.000 | 37.50 | 28.50 | 160.00 |
| | 4X Plastic | ⓪ | ⓪ | ⓪ | ⓪ | ⓪ | ⓪ |
| | 12 | 36.00 | 30.00 | 8.000 | 37.50 | 28.50 | 160.00 |
| BDNF800 BDNF1200 | 1 | 60.00 | 36.00 | 12.00 | 61.50 | 34.50 | 240.00 |
| | 3R | 60.00 | 36.00 | 12.00 | 61.50 | 34.50 | 240.00 |
| | 4 | 60.00 | 36.00 | 12.00 | 61.50 | 34.50 | 240.00 |
| | 4X SS | 60.00 | 36.00 | 12.00 | 61.50 | 34.50 | 240.00 |
| | 4X Plastic | ⓪ | ⓪ | ⓪ | ⓪ | ⓪ | ⓪ |
| | 12 | 60.00 | 36.00 | 12.00 | 61.50 | 34.50 | 240.00 |
| BDNF1600 BDNF2000 BDNF3150 | 1 | 90.00 | 36.00 | 24.00 | 2.000 | 34.50 | 600.00 |
| | 3R | 90.00 | 36.00 | 24.00 | 2.000 | 34.50 | 600.00 |
| | 4 | ⓪ | ⓪ | ⓪ | ⓪ | ⓪ | ⓪ |
| | 4X SS | ⓪ | ⓪ | ⓪ | ⓪ | ⓪ | ⓪ |
| | 4X Plastic | ⓪ | ⓪ | ⓪ | ⓪ | ⓪ | ⓪ |
| | 12 | 90.00 | 36.00 | 24.00 | ⓪ | ⓪ | 600.00 |

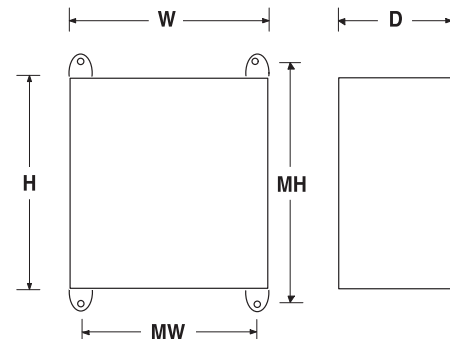
Transfer Switches for Non-Fusible Enclosed

| Frame Size | Enclosure type | H Height | W Width | D Depth | MH Mtg Height | MW Mtg Width | Weight |
|----------------------------------|----------------|----------|---------|---------|---------------|--------------|--------|
| CDNF16 CDNF15 CDNF32 | 1 | 8.0 | 6.0 | 4.0 | 3.0 | 5.0 | 4.0 |
| | 3R | 8.0 | 6.0 | 4.0 | 6.75 | 4.0 | 4.0 |
| | 4 | 8.0 | 6.0 | 4.0 | 6.75 | 4.0 | 4.0 |
| | 4X SS | 8.0 | 6.0 | 4.0 | 7.75 | 4.0 | 4.0 |
| | 4X Plastic | 8.0 | 6.0 | 5.9 | 6.75 | 4.0 | 4.0 |
| | 12 | 8.0 | 6.0 | 4.0 | 6.75 | 4.0 | 4.0 |
| CDNF45 CDNF63 | 1 | 14.0 | 12.0 | 8.0 | 7.00 | 7.0 | 6.0 |
| | 3R | 14.0 | 12.0 | 8.0 | 10.75 | 6.0 | 6.0 |
| | 4 | 14.0 | 12.0 | 8.0 | 10.75 | 6.0 | 6.0 |
| | 4X SS | 14.0 | 12.0 | 8.0 | 10.75 | 6.0 | 6.0 |
| | 4X Plastic | 14.0 | 12.0 | 8.0 | 10.75 | 6.0 | 6.0 |
| | 12 | 14.0 | 12.0 | 8.0 | 10.75 | 6.0 | 6.0 |
| CDNF30 CDNF60 CDNF100 | 1 | 14.0 | 12.0 | 8.0 | 14.75 | 10.0 | 9.0 |
| | 3R | 14.0 | 12.0 | 8.0 | 14.75 | 10.0 | 9.0 |
| | 4 | 14.0 | 12.0 | 8.0 | 14.75 | 10.0 | 9.0 |
| | 4X SS | 14.0 | 12.0 | 8.0 | 14.75 | 10.0 | 9.0 |
| | 4X Plastic | 14.0 | 12.0 | 8.0 | 16.75 | 12.0 | 9.0 |
| | 12 | 14.0 | 12.0 | 8.0 | 14.75 | 10.0 | 9.0 |
| CDNF160 | 1 | 20.0 | 16.0 | 6.0 | 21.50 | 14.5 | 20 |
| | 3R | 20.0 | 16.0 | 6.0 | 21.50 | 14.5 | 20 |
| | 4 | 20.0 | 16.0 | 6.0 | 21.50 | 14.5 | 20 |
| | 4X SS | 20.0 | 16.0 | 6.0 | 24.50 | 14.5 | 20 |
| | 4X Plastic | 20.0 | 16.0 | 6.0 | 24.50 | 14.5 | 20 |
| | 12 | 20.0 | 16.0 | 6.0 | 24.50 | 14.5 | 20 |
| CDNF200 | 1 | 20.0 | 20.0 | 8.0 | 21.50 | 18.5 | 20 |
| | 3R | 20.0 | 20.0 | 8.0 | 21.50 | 18.5 | 20 |
| | 4 | 20.0 | 20.0 | 8.0 | 21.50 | 18.5 | 20 |
| | 4X SS | 20.0 | 20.0 | 8.0 | 21.50 | 18.5 | 20 |
| | 4X Plastic | 24.0 | 20.0 | 10.0 | 25.50 | 18.0 | 60 |
| | 12 | 20.0 | 20.0 | 8.0 | 21.50 | 18.5 | 20 |
| CDNF400 BDNF600 | 1 | 36.00 | 30.00 | 8.000 | 37.50 | 28.50 | 160.00 |
| | 3R | 36.00 | 30.00 | 8.000 | 37.50 | 28.50 | 160.00 |
| | 4 | 36.00 | 30.00 | 8.000 | 37.50 | 28.50 | 160.00 |
| | 4X SS | 36.00 | 30.00 | 8.000 | 37.50 | 28.50 | 160.00 |
| | 4X Plastic | ⓪ | ⓪ | ⓪ | ⓪ | ⓪ | ⓪ |
| | 12 | 36.00 | 30.00 | 8.000 | 37.50 | 28.50 | 160.00 |
| BDNF800 BDNF1200 | 1 | 60.00 | 36.00 | 12.00 | 61.50 | 34.50 | 240.00 |
| | 3R | 60.00 | 36.00 | 12.00 | 61.50 | 34.50 | 240.00 |
| | 4 | 60.00 | 36.00 | 12.00 | 61.50 | 34.50 | 240.00 |
| | 4X SS | 60.00 | 36.00 | 12.00 | 61.50 | 34.50 | 240.00 |
| | 4X Plastic | ⓪ | ⓪ | ⓪ | ⓪ | ⓪ | ⓪ |
| | 12 | 60.00 | 36.00 | 12.00 | 61.50 | 34.50 | 240.00 |
| BDNF1600 BDNF2000 BDNF3150 | 1 | 90.00 | 36.00 | 24.00 | ⓪ | ⓪ | 600.00 |
| | 3R | 90.00 | 36.00 | 24.00 | ⓪ | ⓪ | 600.00 |
| | 4 | ⓪ | ⓪ | ⓪ | ⓪ | ⓪ | ⓪ |
| | 4X SS | ⓪ | ⓪ | ⓪ | ⓪ | ⓪ | ⓪ |
| | 4X Plastic | ⓪ | ⓪ | ⓪ | ⓪ | ⓪ | ⓪ |
| | 12 | 90.00 | 36.00 | 24.00 | ⓪ | ⓪ | 600.00 |

Bypass Mechanisms for Non-Fusible Enclosed

Please consult factory for part numbers and dimensions.

- ⓪ Please consult factory, enclosures are sized to suit specific customer needs
- ⓑ Enclosure is free standing.



Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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