Disconnect Handle Applications for Freestanding and Floor-Mount Painted Steel Disconnect Enclosures

Designed to house the following available at AutomationDirect.com

- AutomationDirect.com NEMA 1/12 Flexible shaft handle for Molded Case Circuit Breakers (MCCBs). Series F_S0_C flex handle mechanisms are available in four sizes to actuate all AutomationDirect MCCBs from 15 amps up to 600 amps. **F0S03C, F0S06C**, **F1S03C**, **F1S06C**, **F3S03C**, **F3S06C**, **F4S04C**, and **F4S06C**. Requires operator adapter plate kit ***AKU***.
- Socomec Disconnect switches with cable, flange-mounted cable operator and handles. Handles **37299002** and **37299003**, cable operator **37299903**, and cables **37299992** (3ft) or **37299993** (5ft). Requires operator adapter plate kit ***AKU***.
- Fuji Electric NEMA 12 flexible shaft handle for Molded Case Circuit Breakers (MCCBs). Series BW9F flex handle mechanisms are available in four sizes to actuate all Fuji Electric MCCBs from 15 Amps to 800 Amps. **BW9F0CA-15A**, **BW9F0CA-20A**, **BW9F0GA-15A**, *BW9F0GA-20A*, **BW9F0HA-15A**, **BW9F0HA-20A**, **BW9F0JA-15A**, and **BW9F0JA-20A**. Requires operator adapter panel kit ***AKU***.
- Gladiator Molded Case Circuit Breakers (MCCBs) flange mounted cable operator and handles. See Gladiator sections for handles and cable options. **GCBX1-FHC-N3R4-M, GCBX1-FHC-N4X-M, GCBX5-FHC-N3R4-M,** and **GCBX5-FHC-N4X-M**

	Available at AutomationDirect.com			
Disconnect Enclosure Series	*AutomationDirect F_S0_C Series*	*Socomec 37299002 and 37299003*	*Fuji BW9F Series*	*Gladiator GCBX*
2U D_FFTC Series	✓	✓	✓	✓
2UDPC_FFTC Series	✓	✓	✓	✓
UHD_FTC Series	✓	✓	✓	✓
Note: Each of these Disconnect enclosures requires an AKU Operator Adapter Kit from AutomationDirect.				

Designed to house other brands

- Allen-Bradley Bulletin 1494V and 140U disconnect switches with flange-mounted variable-depth operating mechanisms and Bulletin 1494V flange-mounted variable-depth operating mechanisms for circuit breakers. Requires operator adapter plate kit ***AKU***.
- **Allen-Bradley** Bulletin 1494F flange-mounted disconect switches and Bulletin 149D flange-mounted operators for circuit breakers. Requires operator adapter plate kit **AK1494FD**.
- **ABB** Controls flange-mounted variable-depth operating mechanisms for disconnect switches and circuit breakers. Requires operator adapter plate kit ***AKU***.
- **Eaton / Cutler-Hammer** Type C361 flange-mounted variable-depth operating mechanisms with disconnect switches and Type C371 flange-mounted variable depth operating mechanisms for circuit breakers; also Flex Shaft™ handle mechanisms for circuit breakers. Requires operator adapter plate kit ***AKU***.
- **General Electric** Type STDA flange handles and variable depth operating mechanisms for disconnect switches and circuit breakers; also Spectra Flex™ cable operators for circuit breakers. Requires operator adapter plate kit ***AKU***.
- **SIEMENS** I-T-E Max-Flex flange-mounted variable depth operating handle for disconnect switches and circuit breakers. Requires operator adapter plate kit ***AKU***.
- **Square D** Class 9422 disconnect switches with flange-mounted variable depth operating mechanisms or cable Industry Standards mechanisms and Class 9422 flange-mounted variable depth operating mechanisms or cable mechanisms for circuit breakers. These enclosures will not accept Square D Class 9422 bracket-mounted disconnect devices, Class 9422TG1, or TG2 devices. Requires operator adapter plate kit ***AKU***.

	Other Brands						
Disconnect Enclosure Series	*Square D 9422 Series*	*Allen-Bradley 1494F and 1494D Series**	*Allen-Bradley 1494V and 140U Series*	*ABB Controls*	*Eaton/ Cutler-Hammer C361 and C371 Series*	*General Electric STDA Series*	*Siemens I-T-E Max-Flex Series*
2U_FFTC Series	✓	✓	✓	✓	✓	✓	✓
2UDPC_FFTC Series	✓	✓	✓	✓	✓	✓	✓
UHD_FTC Series	✓	✓	✓	✓	✓	✓	✓
Note: Each of these Disconnect enclosures requires an AKU Operator Adapter Kit from AutomationDirect. ***Requires AK1494FD Adapter Kit from AutomationDirect.**							

NEMA 12 Two-Door Center Post Wall-Mount Disconnect

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Note: Disconnect switches, circuit breakers and operators are not provided with the enclosure, and must be ordered separately from the manufacturer.

Applications

Designed to house the following safety disconnect equipment:

- ABB Controls flange mounted variable depth operating mechanisms for disconnect switches and circuit breakers.
- Allen Bradley 1494F flange mounted disconnect switches and 1494D flange mounted operators for circuit breakers. Allen Bradley 1494V variable depth flange mounted disconnect switches and circuit breaker mechanisms.
- C-H Westinghouse Type C361 disconnect switches and operator mechanisms, and type C371 circuit breakers and circuit breaker operating mechanisms. Flex ShaftTM handle operators for circuit breakers.
- General Electric Type STDA flange handles and variable depth operating mechanisms for disconnect switches and circuit breakers. Also Spectra-Flex™ cable operators for circuit breakers.
- Siemens I-T-E Max-Flex™ flange mounted variable depth operating handles for disconnect switches and circuit breakers.
- Square D disconnect switches and circuit breakers used with Class 9422 flange mounted variable depth operating mechanisms or cable mechanisms. These enclosures will not receive Class 9422 bracket mounted disconnect devices, Class 9422TG1, or TG2 devices.

Construction

- Formed from 10-gauge steel with smooth, continuously welded seams.
- Body stiffeners are included in the larger enclosures for extra rigidity.
- 15 in [381 mm] floor stands are welded to the enclosure.
- Flange trough Collar (FTC) around door opening excludes liquids and contaminants.
- Heavy duty lifting eyes are anchored into reinforced top corners.
- Removable doors are secured with heavy duty lift-off hinges.
- Formed 10-gauge steel subpanels are provided on collar studs.
- Panel supports are provided.
- Center post is removable, providing easy panel installation.
- Heavy duty 3-point latching mechanism with heavy duty roller ends is provided for ease of door closing.
- Oil-resistant gaskets are permanently secured.
- The left door is the master door.
- Master door handle complete with screw defeater and padlock hasp.
- Slave door handle complete with padlock hasp.
- A mechanical interlock activated by the master door prevents the auxiliary door from being opened first.
- The universal flange cutout provides mounting for disconnect operators by use of the appropriate operator adaptor kit.
- A provision for mounting fluorescent lighting is provided.
- A bonding stud is provided in the door, and a grounding stud is provided in the enclosure for each door.
- A literature pocket is provided.

Finish

- Cover and enclosure are phosphatized and finished in recoatable smooth ANSI 61 gray powder coating.
- Subpanel is finished in RAL9003 white powder coating.

Listings

- UL 508A Type 4, 12, and 13 [UL File E65324]
- CSA Type 4, 12, and 13 [CSA File LR21001]
- Complies with
  - NEMA Type 12
  - IEC 60529, IP54
- Appropriate components are required to maintain these standards.

NEMA 12 Two-Door Center Post Wall-Mount Disconnect

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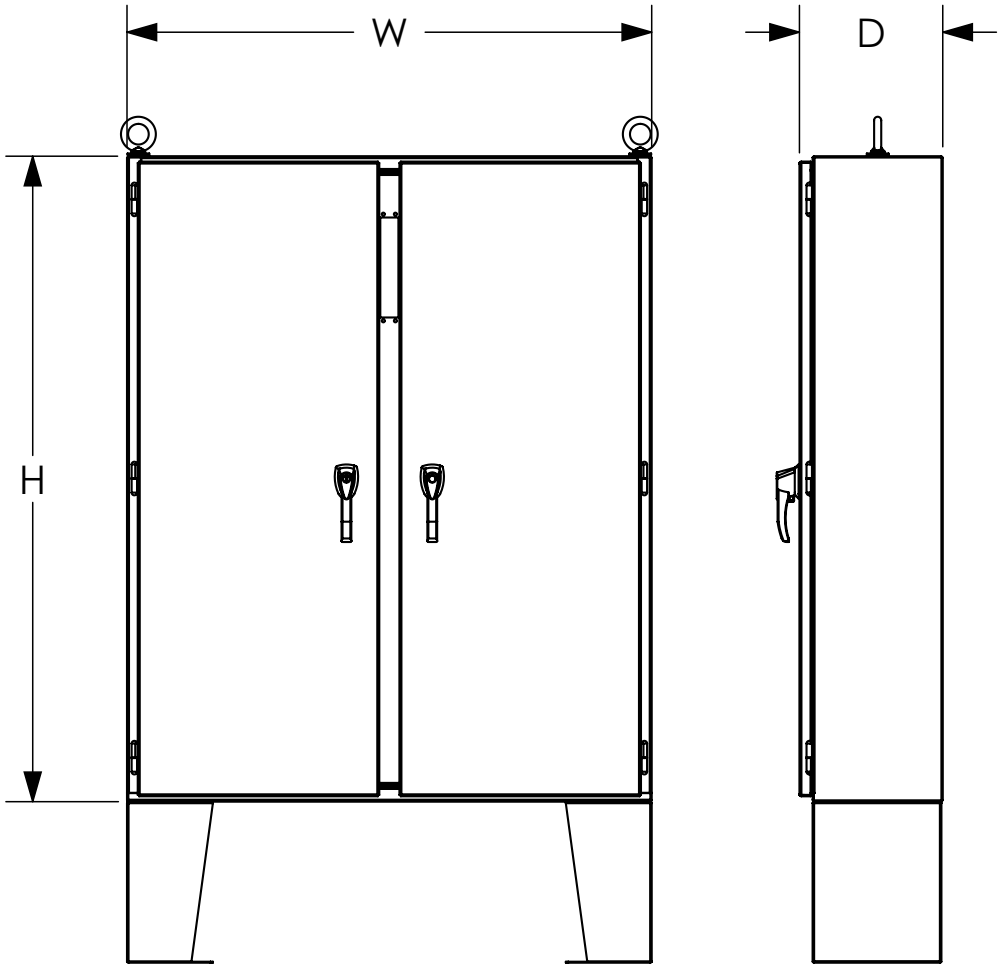
NEMA 12 Two-Door Center Post Wall-Mount Disconnect				
Part Number	***Price***	***Enclosure Size HxWxD***	***Included Subpanel HxW***	***Drawing Link***
2UDCP604912FFTC	$4,152.00	60.13 x 48.88 x 13.35 [1527 x 1242 x 339]	56.00 x 44.00 [1422 x 1118]	PDF
2UDCP606112FFTC	$4,703.00	60.13 x 60.88 x 13.35 [1527 x 1546 x 339]	56.00 x 56.00 [1422 x 1422]	PDF
2UDCP726112FFTC	$5,360.00	72.13 x 60.88 x 13.35 [1832 x 1546 x 339]	68.00 x 56.00 [1727 x 1422]	PDF
2UDCP727312FFTC	$5,893.00	72.13 x 72.88 x 13.35 [1832 x 1851 x 339]	68.00 x 68.00 [1727 x 1727]	PDF
2UDCP727318FFTC	$6,333.00	72.13 x 72.88 x 19.35 [1832 x 1851 x 491]	68.00 x 68.00 [1727 x 1727]	PDF
Note: Dimensions in inches [millimeters].				

Dimensions



Flange Disconnect Operator Adaptor Kits

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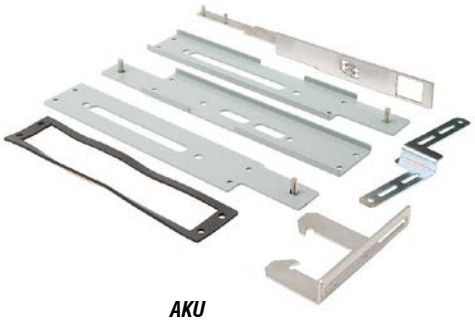
Applications

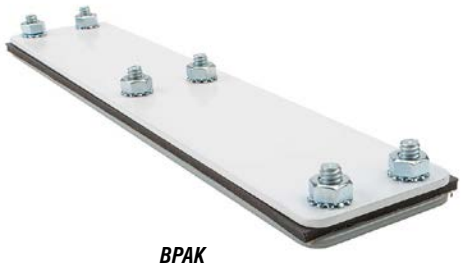
- Used to adapt flange mounted operating mechanisms to all Hammond enclosures with universal cutouts.
- Kits include an adaptor plate and all of the required parts (with instructions) to interlock the master door with the operator mechanism.
- Blank plates are used to cover the flange cutouts in Hammond universal type disconnect enclosures.

AK1494FD

Flange Disconnect Adaptor Kits				
Part Number	***Price***	***Description***	***Fits***	***Drawink Link***
AK1494FD	$252.00	operator adapter assembly	Allen-Bradley 1494F, 1494D series devices	—
BPAK	$126.00	blank adapter plate assembly	all disconnect with universal cutouts	PDF
AKU	$248.00	operator adapter assembly	most ABB, Allen-Bradley, Cutler Hammer, Siemens, and Square D devices	—



AKU



BPAK