

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.				

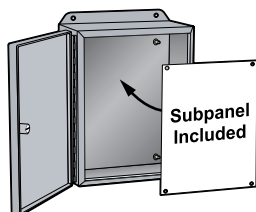
Designed to house other brands

- 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 disconnect 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 Freestanding Disconnect



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 mechanism. Cutler Hammer Type C371 circuit breaker operating mechanisms. Flex-Shaft™ 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 or class 9422TG1 or TG2 devices.

Construction

- Formed from 10-gauge steel with smooth, continuously welded seams.
- Body stiffeners are provided in the larger enclosures for extra rigidity.
- 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.
- Uses 1/4 turn latch handles.
- Oil-resistant gaskets are permanently secured.
- The right-hand door on all enclosures 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 for the inside of the door.

Finish

- Cover and enclosure are phosphatized and finished in recoatable smooth ANSI 61 gray powder coating.
- Subpanel(s) 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 Freestanding Disconnect



Single-Door				
Part Number	Price	Enclosure Size HxWxD	Included Subpanel HxW	Drawing Link
1UHD722918FTC	\$2,983.00	72.13 x 28.75 x 19.35 [1832 x 730 x 491]	60.00 x 21.75 [1524 x 552]	PDF
1UHD723518FTC	\$3,306.00	72.13 x 34.75 x 19.35 [1832 x 883 x 491]	60.00 x 27.75 [1524 x 705]	PDF
1UHD724118FTC	\$3,627.00	72.13 x 40.75 x 19.35 [1832 x 1035 x 491]	60.00 x 33.75 [1524 x 857]	PDF
1UHD844118FTC	\$4,030.00	84.13 x 40.75 x 19.35 [2137 x 1035 x 491]	72.00 x 33.75 [1829 x 857]	PDF
1UHD844124FTC	\$4,230.00	84.13 x 40.75 x 25.35 [2137 x 1035 x 644]	72.00 x 33.75 [1829 x 857]	PDF
1UHD904118FTC	\$4,062.00	90.13 x 40.75 x 19.35 [2289 x 1035 x 491]	78.00 x 33.75 [1981 x 857]	PDF
1UHD904120FTC	\$4,488.00	90.13 x 40.75 x 21.35 [2289 x 1035 x 542]	78.00 x 33.75 [1981 x 857]	PDF
1UHD904124FTC	\$4,751.00	90.13 x 40.75 x 25.35 [2289 x 1035 x 644]	78.00 x 33.75 [1981 x 857]	PDF

Note: Dimensions in inches [millimeters].

Two-Door				
Part Number	Price	Enclosure Size HxWxD	Included Subpanel HxW	Drawing Link
2UHD725518FTC	\$5,227.00	72.13 x 55.00 x 19.35 [1832 x 1397 x 491]	60.00 x 48.00 [1524 x 1219]	PDF
2UHD726718FTC	\$5,888.00	72.13 x 67.00 x 19.35 [1832 x 1702 x 491]	60.00 x 60.00 [1524 x 1524]	PDF
2UHD727918FTC	\$6,545.00	72.13 x 79.00 x 19.35 [1832 x 2007 x 491]	60.00 x 72.00 [1524 x 1829]	PDF
2UHD727924FTC	\$7,216.00	72.13 x 79.00 x 25.35 [1832 x 2007 x 644]	60.00 x 72.00 [1524 x 1829]	PDF
2UHD847918FTC	\$7,264.00	84.13 x 79.00 x 19.35 [2137 x 2007 x 491]	72.00 x 72.00 [1829 x 1829]	PDF
2UHD847924FTC	\$7,448.00	84.13 x 79.00 x 25.35 [2137 x 2007 x 644]	72.00 x 72.00 [1829 x 1829]	PDF
2UHD907918FTC	\$7,332.00	90.13 x 79.00 x 19.35 [2289 x 2007 x 491]	78.00 x 72.00 [1981 x 1829]	PDF
2UHD907920FTC	\$8,024.00	90.13 x 79.00 x 21.35 [2289 x 2007 x 542]	78.00 x 72.00 [1981 x 1829]	PDF
2UHD907924FTC	\$8,378.00	90.13 x 79.00 x 25.35 [2289 x 2007 x 644]	78.00 x 72.00 [1981 x 1829]	PDF

Note: Dimensions in inches [millimeters].

Three-Door					
Part Number	Price	Enclosure Size HxWxD	Included Subpanel 1 HxW	Included Subpanel 2 HxW	Drawing Link
3UHD7210118FTC	\$8,348.00	72.13 x 100.25 x 19.35 [1832 x 2546 x 491]	60.00 x 72.00 [1524 x 1829]	60.00 x 27.75 [1524 x 705]	PDF
3UHD7211918FTC	\$9,404.00	72.13 x 118.25 x 19.35 [1832 x 3004 x 491]	60.00 x 72.00 [1524 x 1829]	60.00 x 33.75 [1524 x 857]	PDF
3UHD8411918FTC	\$10,145.00	84.13 x 118.25 x 19.35 [2137 x 3004 x 491]	72.00 x 72.00 [1829 x 1829]	72.00 x 33.75 [1829 x 857]	PDF
3UHD8411924FTC	\$10,488.00	84.13 x 118.25 x 25.35 [2137 x 3004 x 644]	72.00 x 72.00 [1829 x 1829]	72.00 x 33.75 [1829 x 857]	PDF
3UHD9011924FTC	\$11,721.00	90.13 x 118.25 x 25.35 [2289 x 3004 x 644]	72.00 x 72.00 [1829 x 1829]	72.00 x 33.75 [1829 x 857]	PDF

Note: Dimensions in inches [millimeters].

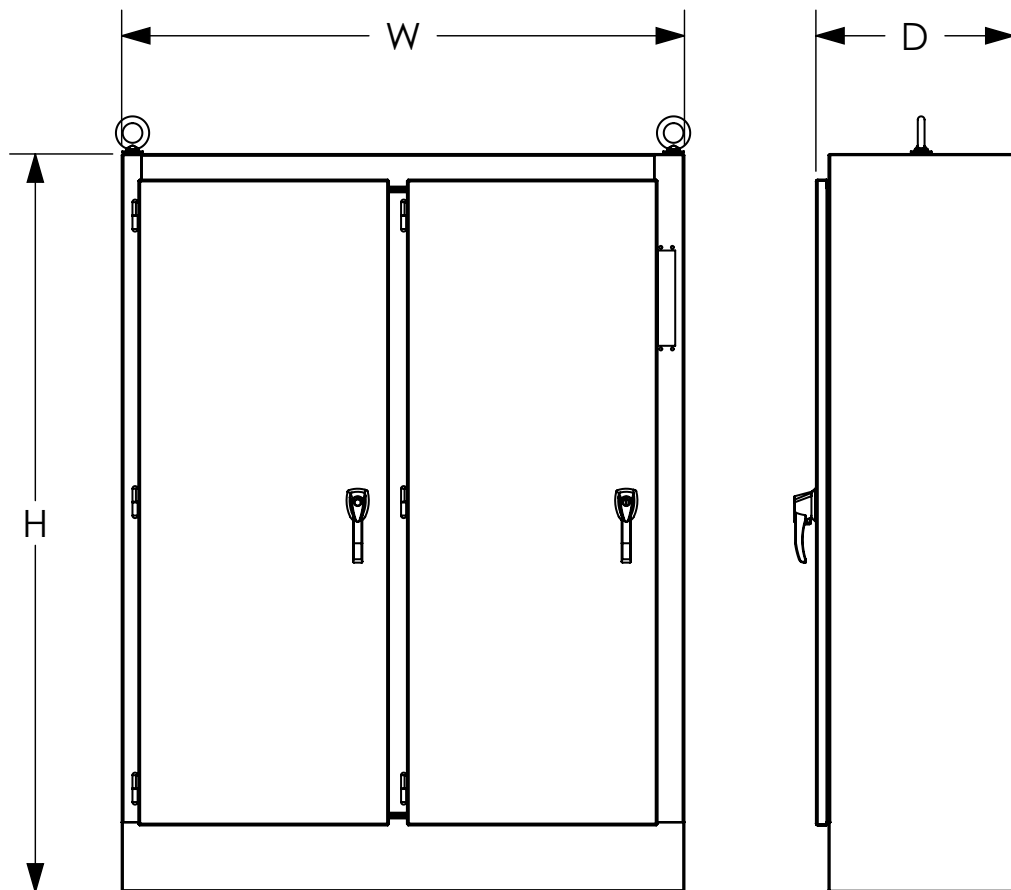
Four-Door				
Part Number	Price	Enclosure Size HxWxD	Included Subpanels HxW	Drawing Link
4UHD8415718FTC	\$13,213.00	84.13 x 156.50 x 19.35 [2137 x 3975 x 491]	(2) 72.00 x 72.00 [1829 x 1829]	PDF
4UHD9015718FTC	\$13,685.00	90.13 x 156.50 x 19.35 [2289 x 3975 x 491]	(2) 72.00 x 72.00 [1829 x 1829]	PDF

Note: Dimensions in inches [millimeters].

NEMA 12 Freestanding Disconnect



Dimensions



Flange Disconnect Operator Adaptor Kits



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

Enclosure Accessories

Locks and Latches



1/4-Turn Latch Handles



Features

- Durable zinc diecast or stainless steel.
- Removable handle stop for clockwise / counter-clockwise operation.
- Textured powder coat Black finish on zinc cast handle.
- Maintains NEMA rating of enclosure.
- Padlock "trigger" design for security requirements.
- Optional key lock or defeater available. Key lock versions include two keys.

1/4-Turn Latch Handles							
Part Number	Price	Security Type	Latch Points	Material	Finish	For Use With These Hammond Enclosures Only	Drawing Link
MHK1	\$127.00	padlocking	1	die-cast zinc	black matte	single-door NEMA 4 and NEMA 12	PDF
MHKD1	\$133.00	padlocking with defeater					PDF
MHKL1	\$144.00	combination keylocking/ padlocking					PDF
MHK2	\$217.00	padlocking	3	die-cast zinc	black matte	less than 60in (H) NEMA 4 and NEMA 12	PDF
MHKD2	\$228.00	padlocking with defeater					PDF
MHKL2	\$246.00	combination keylocking/ padlocking					PDF
MHK3	\$221.00	padlocking	3	die-cast zinc	black matte	60in (H) or greater NEMA 4 and NEMA 12	PDF
MHKD3	\$232.00	padlocking with defeater					PDF
MHKL3	\$251.00	combination keylocking/ padlocking					PDF
MHK1SS	\$234.00	padlocking	1	316 stainless steel	#4 brush	single-door NEMA 4X	PDF
MHKD1SS	\$258.00	padlocking with defeater					PDF
MHKL1SS	\$258.00	combination keylocking/ padlocking					PDF
MHK2SS	\$249.00	padlocking	3	316 stainless steel	#4 brush	less than 60in (H) NEMA 4X	PDF
MHKD2SS	\$274.00	padlocking with defeater					PDF
MHKL2SS	\$274.00	combination keylocking/ padlocking					PDF
MHK3SS	\$362.00	padlocking	3	316 stainless steel	#4 brush	60in (H) or greater NEMA 4X	PDF
MHKD3SS	\$398.00	padlocking with defeater					PDF
MHKL3SS	\$398.00	combination keylocking/ padlocking					PDF