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

Designed to house other brands

- Allen-Bradley Bulletin 1494V and 140U disconnect switches with flange-mounted variable-depth operating mechanisms and Bulletin 1494V flangemounted 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	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	
2UDPC_FFTC Series	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	
UHD_FTC Series	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	\checkmark	
Note: Each of these Disconnect enclosures requires an AKU Operator Adapter Kit from AutomationDirect. *Requires AK1494FD Adapter Kit from AutomationDirect.								

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Available at AutomationDirect.com						
AutomationDirect F_SO_C Series	Socomec 37299002 and 37299003	Fuji BW9F Series	Gladiator GCBX			
\checkmark	\checkmark	\checkmark	\checkmark			
\checkmark	\checkmark	\checkmark	\checkmark			
\checkmark	\checkmark	\checkmark	\checkmark			
	AutomationDirect F_SO_C Series ✓ ✓	AutomationDirect Socomec F_SO_C Series 37299002 and Image: Image of the series Image of the series Image of the series	AutomationDirect Socomec Fuji BW9F			

AutomationDirect.

NEMA 12 Two-Door Right-Flange Floor-Mount 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 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.
- Flange trough collar (FTC) around door opening excludes liquids and contaminants.
- 15 in [381 mm] floor stands are welded to the enclosure.
- 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 subpanel 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 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 adapter 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.



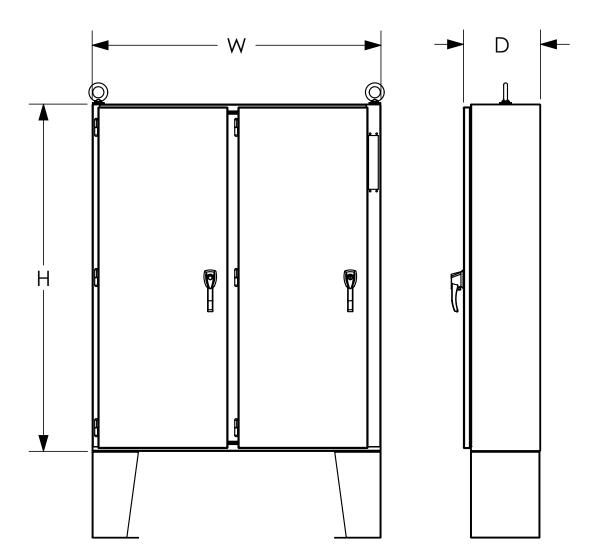
NEMA 12 Two-Door Right-Flange Floor-Mount Disconnect



NEMA 12 Two-Door Right-Flange Floor-Mount Disconnect							
Part Number	Price	Enclosure Size HxWxD Included Subpanel I	HxW	Drawing Link			
2UD605012FFTC	\$4,152.00	60.13 x 50.00 x 13.35 [1527 x 1270 x 339] 56.00 x 44.00 [1422 x	1118]	PDF			
2UD605018FFTC	\$4,600.00	60.13 x 50.00 x 19.35 [1527 x 1270 x 491] 56.00 x 44.00 [1422 x	1118]	PDF			
2UD606212FFTC	\$4,699.00	60.13 x 62.00 x 13.35 [1527 x 1575 x 339] 56.00 x 56.00 [1422 x	1422]	PDF			
2UD606218FFTC	\$5,200.00	60.13 x 62.00 x 19.35 [1527 x 1575 x 491] 56.00 x 56.00 [1422 x	1422]	PDF			
2UD726212FFTC	\$5,250.00	72.13 x 62.00 x 13.35 [1832 x 1575 x 339] 68.00 x 56.00 [1727 x	1422]	PDF			
2UD726218FFTC	\$5,791.00	72.13 x 62.00 x 19.35 [1832 x 1575 x 491] 68.00 x 68.00 [1727 x	1727]	PDF			
2UD727412FFTC	\$5,885.00	72.13 x 74.00 x 13.35 [1832 x 1880 x 339] 68.00 x 68.00 [1727 x	1727]	PDF			
2UD727418FFTC	\$6,323.00	72.13 x 74.00 x 19.35 [1832 x 1880 x 491] 68.00 x 68.00 [1727 x	1727]	PDF			
2UD727424FFTC	\$6,935.00	72.13 x 74.00 x 25.35 [1832 x 1880 x 644] 68.00 x 68.00 [1727 x	1727]	PDF			
Note: Dimensions in inches [millimeters].							

NEMA 12 Two-Door Right-Flange Floor-Mount Disconnect

Dimensions



1-800-633-0405

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.



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





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		
<u>MHK1</u>	\$127.00	padlocking					PDF		
<u>MHKD1</u>	\$133.00	padlocking with defeater	1	die-cast zinc	black matte	single-door NEMA 4 and NEMA 12	PDF		
<u>MHKL1</u>	\$144.00	combination keylocking/ padlocking			DIACK Malle	Single-door NEIVIA 4 and NEIVIA 12	<u>PDF</u>		
<u>MHK2</u>	\$217.00	padlocking					PDF		
<u>MHKD2</u>	\$228.00	padlocking with defeater	3	die-cast zinc	black matte	less than 60in (H) NEMA 4 and NEMA 12	PDF		
<u>MHKL2</u>	\$246.00	combination keylocking/ padlocking					PDF		
<u>MHK3</u>	\$221.00	padlocking		die-cast zinc	black matte	60in (H) or greater NEMA 4 and NEMA 12	PDF		
<u>MHKD3</u>	\$232.00	padlocking with defeater	3				PDF		
<u>MHKL3</u>	\$251.00	combination keylocking/ padlocking					<u>PDF</u>		
MHK1SS	\$234.00	padlocking					PDF		
MHKD1SS	\$258.00	padlocking with defeater	1	316 stainless steel	#4 brush	single-door NEMA 4X	PDF		
<u>MHKL1SS</u>	\$258.00	combination keylocking/ padlocking					PDF		
MHK2SS	\$249.00	padlocking		316 stainless steel	#4 brush	less than 60in (H) NEMA 4X	PDF		
<u>MHKD2SS</u>	\$274.00	padlocking with defeater	3				PDF		
<u>MHKL2SS</u>	\$274.00	combination keylocking/ padlocking					PDF		
MHK3SS	\$362.00	padlocking		316 stainless steel	#4 brush	60in (H) or greater NEMA 4X	PDF		
MHKD3SS	\$398.00	padlocking with defeater	3				PDF		
<u>MHKL3SS</u>	\$398.00	combination keylocking/ padlocking					PDF		