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_SO_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 3R, 4, 4X, 12, and 13 Stainless Steel **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 1494V and 1494U variable depth flange mounted disconnect switches and circuit breaker mechanisms. NOT COMPATIBLE WITH 1494V-R1, R2, W2 operating handles nor with Allen Bradley 1494F flange mounted disconnect switches and 1494D flange mounted operators for circuit breakers.
- 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. NOT COMPATIBLE WITH Class 9422 bracket mounted devices nor Class 9422TG1/TG2 devices.

Construction

- Formed from 12-gauge 304 stainless 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
- Uses 1/4 turn latch handles.
- · Oil-resistant gaskets are permanently
- 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
- A mechanical interlock activated by the master door prevents the auxiliary door from being opened first.
- The pre-installed flange cutout provides mounting for disconnect operators (verify compatibility in advance) — interlock hardware included with enclosure.
- · A provision for mounting fluorescent lighting
- · 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

- · Door and enclosure are natural stainless steel with a #4 smooth, brushed finish..
- Subpanel(s) is finished 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 3R, 4, 4X, 12, and 13
- IEC 60529, IP54
- Appropriate components are required to maintain these standards.







NEMA 3R, 4, 4X, 12, and 13 Stainless Steel Freestanding Disconnect



Single-Door								
Part Number	Price	Enclosure Size HxWxD Included Subpanel HxW	Drawing Link					
1UHD722918N4SS	\$5,867.00	72.13 x 28.50 x 19.35 [1832 x 724 x 491] 60.00 x 21.75 [1524 x 552]	PDF					
1UHD723518N4SS	\$6,509.00	72.13 x 28.75 x 19.35 [1832 x 730 x 491] 60.00 x 27.75 [1524 x 705]	<u>PDF</u>					
1UHD724118N4SS	\$7,156.00	72.13 x 34.75 x 19.35 [1832 x 883 x 491] 60.00 x 33.75 [1524 x 857]	<u>PDF</u>					
1UHD844118N4SS	\$7,932.00	84.13 x 40.75 x 19.35 [2137 x 1035 x 491] 72.00 x 33.75 [1829 x 857]	<u>PDF</u>					
1UHD844124N4SS	\$8,124.00	84.13 x 40.75 x 25.35 [2137 x 1035 x 644] 72.00 x 33.75 [1829 x 857]	PDF					
1UHD904118N4SS	\$8,310.00	90.13 x 40.75 x 19.35 [2289 x 1035 x 491] 78.00 x 33.75 [1981 x 857]	PDF					
1UHD904120N4SS	\$8,637.00	90.13 x 40.75 x 21.35 [2289 x 1035 x 542] 78.00 x 33.75 [1981 x 857]	PDF					
1UHD904124N4SS	\$9,160.00	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 inche	lote: Dimensions in inches [millimeters].							

Two-Door						
Part Number	Price	Enclosure Size HxWxD	Included Subpanel HxW	Drawing Link		
2UHD725518N4SS	\$10,315.00	72.13 x 40.75 x 19.35 [1832 x 1035 x 491]	60.00 x 48.00 [1524 x 1219]	PDF		
2UHD726718N4SS	\$11,611.00	72.13 x 55.00 x 19.35 [1832 x 1397 x 491]	60.00 x 60.00 [1524 x 1524]	PDF		
2UHD727918N4SS	\$12,925.00	72.13 x 67.00 x 19.35 [1832 x 1702 x 491]	60.00 x 72.00 [1524 x 1829]	PDF		
2UHD727924N4SS	\$13,914.00	72.13 x 79.00 x 25.35 [1832 x 2007 x 644]	60.00 x 72.00 [1524 x 1829]	PDF		
2UHD847918N4SS	\$14,305.00	84.13 x 79.00 x 19.35 [2137 x 2007 x 491]	72.00 x 72.00 [1829 x 1829]	PDF		
2UHD847924N4SS	\$14,743.00	84.13 x 79.00 x 25.35 [2137 x 2007 x 644]	72.00 x 72.00 [1829 x 1829]	PDF		
2UHD907918N4SS	\$14,977.00	90.13 x 79.00 x 19.35 [2289 x 2007 x 491]	78.00 x 72.00 [1981 x 1829]	PDF		
2UHD907920N4SS	\$15,461.00	90.13 x 79.00 x 21.35 [2289 x 2007 x 542]	78.00 x 72.00 [1981 x 1829]	PDF		
2UHD907924N4SS	\$16,146.00	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].						

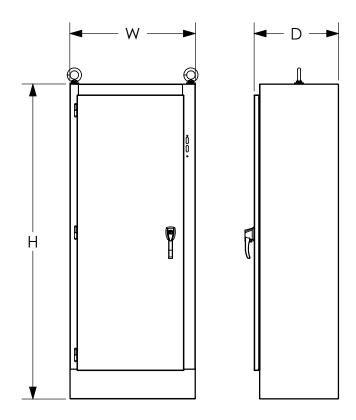
Three-Door							
Part Number	Price	Enclosure Size HxWxD	Included Subpanel 1 HxW	Included Subpanel 2 HxW	Drawing Link		
3UHD7210118N4SS	\$15,957.00	72.13 x 100.25 x 19.35 [1832 x 2546 x 491]	60.00 x 72.00 [1524 x 1829]	60.00 x 27.75 [1524 x 705]	PDF		
3UHD7211918N4SS	\$17,969.00	72.13 x 118.25 x 19.35 [1832 x 3004 x 491]	60.00 x 72.00 [1524 x 1829]	60.00 x 33.75 [1524 x 857]	PDF		
3UHD8411918N4SS	\$19,876.00	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		
3UHD8411924N4SS	\$20,499.00	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		
3UHD9011924N4SS	\$22,344.00	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	
4UHD8415718N4SS	\$23,350.00	84.13 x 156.50 x 19.35 [2137 x 3975 x 491]	(2) 72.00 x 72.00 [1829 x 1829]	PDF	
4UHD9015718N4SS	\$27,310.00	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].					

www.automationdirect.com Disconnect Enclosures tENH-122

NEMA 3R, 4, 4X, 12, and 13 Stainless Steel Freestanding Disconnect HAMMOND MANUFACTURING. LLL

Dimensions



www.automationdirect.com Disconnect Enclosures tENH-123

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					<u>PDF</u>		
MHKD1	\$133.00	padlocking with defeater	1	die-cast zinc	black matte	single-door NEMA 4 and NEMA 12	PDF		
MHKL1	\$144.00	combination keylocking/ padlocking	'	uie-cast ziric	DIACK IIIALLE	Single door NEWAY and NEWAY I	PDF		
MHK2	\$217.00	padlocking					<u>PDF</u>		
MHKD2	\$228.00	padlocking with defeater	3	die-cast zinc	black matte	less than 60in (H) NEMA 4 and NEMA 12	<u>PDF</u>		
MHKL2	\$246.00	combination keylocking/ padlocking	S	GIO-GGSt ZIIIG	DIACK IIIALLE	less than boin (11) NEIWA 4 and NEIWA 12	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		316 stainless steel #4 brush	#4 hrush	single-door NEMA 4X	<u>PDF</u>		
MHKD1SS	\$258.00	padlocking with defeater	1				PDF		
MHKL1SS	\$258.00	combination keylocking/ padlocking	'		n a brasii	Single door NEIWA 470	PDF		
MHK2SS	\$249.00	padlocking					<u>PDF</u>		
MHKD2SS	\$274.00	padlocking with defeater	3	316 stainless steel	#4 brush	less than 60in (H) NEMA 4X	<u>PDF</u>		
MHKL2SS	\$274.00	combination keylocking/ padlocking	3				PDF		
MHK3SS	\$362.00	padlocking		316 stainless steel	#4 brush	60in (H) or greater NEMA 4X	<u>PDF</u>		
MHKD3SS	\$398.00	padlocking with defeater	3				PDF		
MHKL3SS	\$398.00	combination keylocking/ padlocking	3				PDF		

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