Disconnect Handle Applications for 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**

- 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)

- 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**.

- 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**

Disconnect Enclosure Series	Available at AutomationDirect.com			
	AutomationDirect F_S0_C Series	Socomec 37299002 and 37299003	Fuji BW9F series	Gladiator GCBX
N412_CD Series	✓	✓	✓	✓
N412_CDSS Series	✓	✓	✓	✓
N412_CDSSA Series	✓	✓	✓	✓
N412_CSTD Series	✓	✓	✓	✓
N412_CSSSTD Series	✓	✓	✓	✓
SDN_PL Series	✓	✓	✓	✓
SN4 Series	✓	✓	✓	✓
ABN12 Series	✗	✗	✗	✗
SSN4X Series	✓	✓	✓	✓
SSN4X_A Series	✓	✓	✓	✓
WRD-XM_FS4 Series	✓	✓	✓	✓
WRD-XM_FSD4 Series	✓	✓	✓	✓

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. These enclosures will not accept Allen-Bradley Bulletin 1494F disconnect devices or Bulletin 1494D circuit breaker operators

- **ABB Controls** flange-mounted variable-depth operating mechanisms for disconnect switches and circuit breakers

- **Eaton / Cutler-Hammer** Type C361 flange-mounted variable depth

- **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

- **General Electric** Type STDA flange handles and variable depth operating

- **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 handle for disconnect switches and circuit breakers

- **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.

Disconnect Enclosures Series	Other Brands						
	Square D 9422 series	Allen-Bradley 1494F and 1494D series	Allen-Bradley 1494V, 1494C, 140U, 194RC series	ABB Controls	Eaton/ Cutler-Hammer C361 and C371 series	General Electric STDA series	Siemens I-T-E Max-Flex Series
N412_CD Series	✓	✗	✓	✓	✓	✓	✓
N412_CDSS Series	✓	✗	✓	✓	✓	✓	✓
N412_CDSSA Series	✓	✗	✓	✓	✓	✓	✓
N412_CSTD Series	✓	✗	✓	✓	✓	✓	✓
N412_CSSSTD Series	✓	✗	✓	✓	✓	✓	✓
SDN_PL Series	✓	✗	✓	✓	✓	✓	✓
SN4 Series	✓	✗	✓	✓	✓	✓	✓
ABN12 Series	✗	✓	✗	✗	✗	✗	✗
SSN4X Series	✓	✗	✓	✓	✓	✓	✓
SSN4X_A Series	✓	✗	✓	✓	✓	✓	✓
WRD-XM_FS4 Series	✓	✗	✓	✓	✓	✓	✓
WRD-XM_FSD4 Series	✓	✗	✓	✓	✓	✓	✓

NEMA 12 and 13 Single-Door Wall-Mount Right-Flanged Disconnect for Allen-Bradley 1494D and 1494F

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Applications

Designed to house Allen-Bradley 1494F flange-mounted disconnect switches and Bulletin 1494D flange-mounted operators for circuit breakers. Provides protection from dust, dirt, oil and water.

Door hardware (Bulletin 1494F-L1 for 2-point latching (enclosures under 40 in [1016 mm] high), or Bulletins 1494F-L2 and 1494F-L3 for 3-point latching (enclosures over 40 in [1016 mm] high).

Construction

• 14-gauge steel bodies and doors
• Rolled lip around all sides of opening keeps out liquids and contaminants
• Remove doors easily by pulling continuous hinge pin
• Polyurethane poured-in-place gasket
• External mounting feet
• Collar studs for mounting optional subpanel
• Grounding provisions provided
• Guide brackets and door catch welded to inside of door
• Locking bars for door hardware
• Spacers and screws to secure disconnect switch and fuse block adapter plate to panel
• Enclosures under 40 in [1016 mm] high require 2-point door hardware
• Enclosures 40 in [1016 mm] high and larger require 3-point door hardware
• Instructions to locate and install disconnect switches, circuit breakers, and operating mechanisms included

Finish

• ANSI 61 gray polyester powder inside and out over phosphatized surfaces
• Painted steel and perforated subpanels white polyester powder over phosphatized surfaces
• Galvanized and stainless steel subpanels are a conductive finish (unpainted)

Listings

• UL 508 12 and 13 [UL File E64791]
• NEMA/EEMAC 12 and 13

c(UL)us

Notes: Disconnect switch or circuit breakers, operating handle, operating mechanism must be ordered separately.
Operator adapter plates are not required with this enclosure series.
Make sure the disconnect device you are using will fit the enclosure size you choose.

Shipping Schedule					
Same day	1 - 5 days	1 - 7 days	1-10 days	1 - 15 days	1 - 20 days
Color indicates shipping lead time in business days.					

NEMA 12 and 13 Single-Door Wall-Mount Right-Flanged Disconnect for Allen-Bradley 1494D and 1494F						
Part Number	Price	Enclosure Size HxWxD	Painted Steel Subpanel	Galvanized Subpanel	Perforated Subpanel	Stainless Steel Subpanel
ABN12242108	$;;00a[!:	24.00 x 21.38 x 8.85 [610 x 543 x 225]	NP2420	NP2420G	NP2420PP	NP2420SS
ABN12242508	$;00a[?:	24.00 x 25.38 x 8.85 [610 x 645 x 225]	NP2424	NP2424G	NP2424PP	NP2424SS
ABN12302108	$;;00a[,:	30.00 x 21.38 x 8.85 [762 x 543 x 225]	NP3020	NP3020G	—	NP3020SS
ABN12302508	$00a_0:	30.00 x 25.38 x 8.85 [762 x 645 x 225]	NP3024	NP3024G	NP3024PP	NP3024SS
ABN12362510	$00a_1:	36.00 x 25.38 x 10.85 [914 x 645 x 276]	NP3624	NP3624G	NP3624PP	NP3624SS
ABN12363108	$00a_2:	36.00 x 31.38 x 8.85 [914 x 797 x 225]	NP3630	NP3630G	NP3630PP	NP3630SS
ABN12363110	$00a_3:	36.00 x 31.38 x 10.85 [914 x 797 x 276]	NP3630	NP3630G	NP3630PP	NP3630SS
ABN12423108	$00a_4:	42.00 x 31.38 x 8.85 [1067 x 797 x 225]	NP4230	NP4230G	NP4230PP	NP4230SS
ABN12483710*	$;000a_5:	48.00 x 37.38 x 10.85 [1219 x 949 x 276]	NP4836	NP4836G	NP4836PP	NP4836SS
ABN12483812*	$;000a_6:	48.00 x 37.38 x 12.85 [1219 x 949 x 326]	NP4836	NP4836G	NP4836PP	NP4836SS
ABN12603710*	$;000a_7:	60.00 x 37.38 x 10.85 [1524 x 949 x 276]	NP6036	NP6036G	NP6036PP	NP6036SS

Notes: Subpanels must be ordered separately. Dimensions in inches [millimeters].
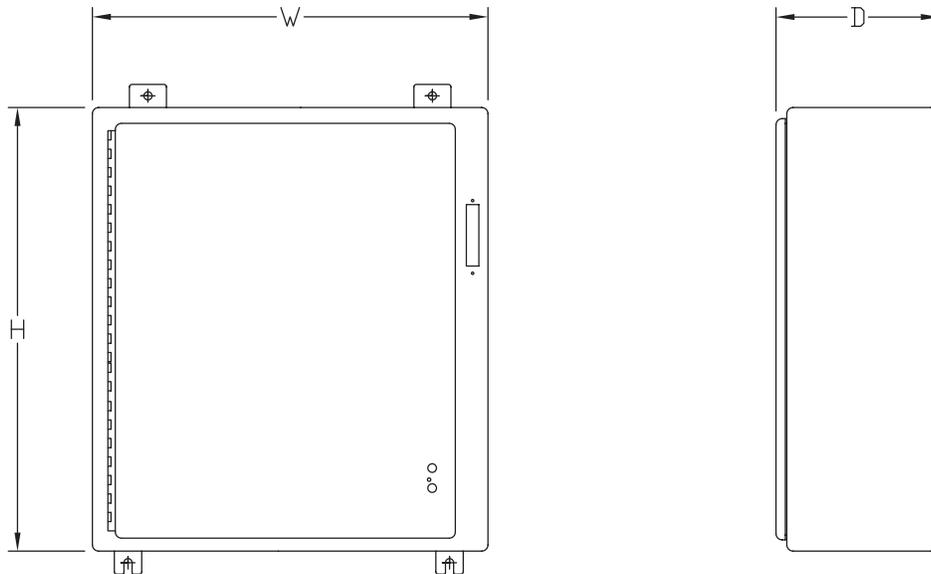Letters in table correspond to letters on dimensional drawings.
*These enclosures have a closed-cell neoprene gasket, not poured-in-place.

NEMA 12 and 13 Single-Door Wall-Mount Right-Flanged Disconnect for Allen-Bradley 1494D and 1494F

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Dimensions

NOTES:

1. SUBPANELS ARE MADE FROM 12 GA. STEEL.

2. SUBPANELS HAVE FLANGES ALONG ALL SIDES WHEN EITHER DIMENSION EXCEEDS 17".

3. ENCLOSURES UNDER 40.00" HIGH REQUIRE 2-POINT HARDWARE, ENCLOSURES 40.00" AND HIGHER REQUIRE 3-POINT DOOR HARDWARE.

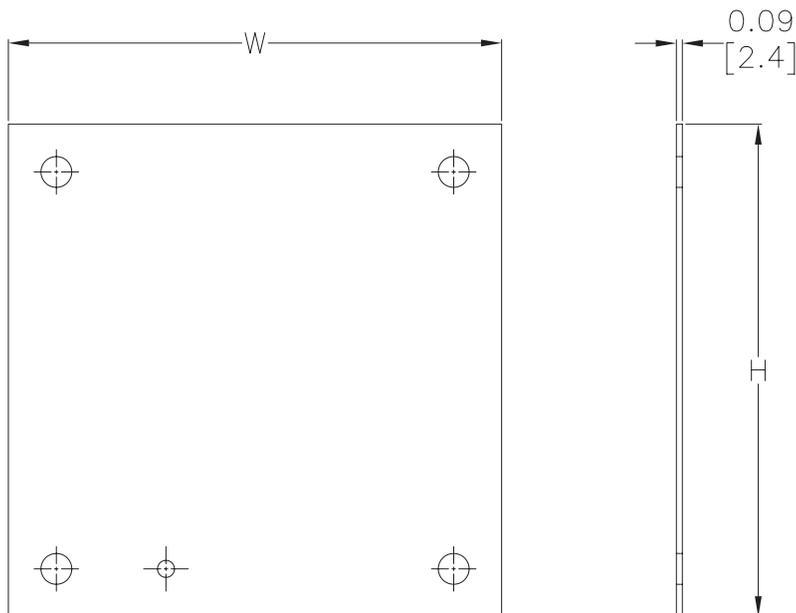For the latest prices, please check AutomationDirect.com.

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Subpanels for NEMA 1, 12, 4 and 4X Wall-Mount Enclosures and WC9 NEMA 12 Operator Consoles

- 12-gauge steel (perforated subpanels are 14-gauge)
- Subpanels with any side over17 in [432 mm] have 0.25 in [6mm] flange on all sides
- Painted steel and perforated subpanels white polyester powder over phosphatized surfaces
- Galvanized subpanels have a conductive finish (no paint)Panels listed fit the following enclosures:
- NEMA 1 large (N1C, 42 in [1067 mm] width and wider)
- NEMA 12 single door wall-mount (N12)
- NEMA 12 two-door wall-mount (WA_WF)
- NEMA 12 single door flush wall-mount (WA_FM)
- NEMA 4 (N4) and 4X (SSN) single door wall-mount
- NEMA 12 operator consoles (WC9)
- NEMA 12 Wall Disconnect (SDN12_PL and ABN12)
- NEMA 4 and 4X Wall-Mount Disconnect (SSN4 and SSN4X)

Note: Use NPxxxx subpanels in NEMA 1, NEMA 4 and 4X, and NEMA 12 enclosures only. Do NOT use NPxxxx subpanels in N412 Ultimate Series enclosures with a C in the suffix.

Dimensions

0.09 [2.4]

W

H

NOTE:
SUBPANELS LARGER THAN
20 X 20 HAVE (2) 0.31"
GROUND HOLES.

Note: Perforated panels have 0.13in [3 mm] diameter holes at 0.25 in [6 mm] spacing.

Enclosure Subpanels

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Shipping Schedule				
Same day	1 - 5 days	1 - 7 days	1 - 15 days	1 - 20 days
Color indicates shipping lead time in business days.				

Subpanels for NEMA 1, 12, 4 and 4X Wall-Mount Enclosures and WC9 NEMA 12 Operator Consoles

Painted Steel	Price	Galvanized	Price	Perforated	Price	304 Stainless Steel	Price	Nominal Enclosure Size HxW	Subpanel Size AxB
NP1212	$0auh:	NP1212G	$0?2z:	—	—	—	—	12 x 12	9.00 x 9.00 [229 x 229]
NP1224	$-0auj:	NP1224G	$;0?2]:	—	—	—	—	24 x 12	9.00 x 21.00 [229 x 533]
NP1612	$0auk:	NP1612G	$;0?2[:	NP1612PP	$0?3k:	NP1612SS	$0?3_:	12 x 16 16 x 12	13.00 x 9.00 [330 x 229]
NP1616	$0aun:	NP1616G	$0?2_:	NP1616PP	$-0?3l:	NP1616SS	$00?3#:	16 x 16	13.00 x 13.00 [330 x 330]
NP2012	$0aup:	NP2012G	$0?2#:	—	—	—	—	20 x 12	17.00 x 9.00 [432 x 229]
NP2016	$0as5:	NP2016G	$;0?2!:	NP2016PP	$0?3n:	NP2016SS	$;00?3!:	20 x 16	17.00 x 13.00 [432 x 330]
NP2020	$0as7:	NP2020G	$0?2?:	NP2020PP	$0?3o:	NP2020SS	$00?3?:	20 x 20	17.00 x 17.00 [432 x 432]
NP2416	$0as9:	NP2416G	$;0?2,:	—	—	NP2416SS	$;00?3,:	24 x 16	21.00 x 13.00 [533 x 330]
NP2420	$0asb:	NP2420G	$0?30:	NP2420PP	$0?3p:	NP2420SS	$00?40:	24 x 20	21.00 x 17.00 [533 x 432]
NP2424	$0asd:	NP2424G	$0?31:	NP2424PP	$0?3q:	NP2424SS	$00?41:	24 x 24	21.00 x 21.00 [533 x 533]
NP3016	$;0asf:	NP3016G	$0?32:	—	—	—	—	30 x 16	27.00 x 13.00 [686 x 330]
NP3020	$0asg:	NP3020G	$0?33:	—	—	NP3020SS	$00?42:	30 x 20	27.00 x 17.00 [686 x 432]
NP3024	$-00asi:	NP3024G	$00?34:	NP3024PP	$00?3s:	NP3024SS	$00?43:	24 x 30 30 x 24	27.00 x 21.00 [686 x 533]
NP3030	$00ask:	NP3030G	$00?35:	NP3030PP	$;00?3t:	NP3030SS	$00?44:	30 x 30	27.00 x 27.00[686 x 686]
NP3624	$00asn:	NP3624G	$00?36:	NP3624PP	$00?3u:	NP3624SS	$00?45:	36 x 24	33.00 x 21.00 [838 x 533]
NP3630	$00aus:	NP3630G	$00?37:	NP3630PP	$00?3v:	NP3630SS	$00?46:	30 x 36 36 x 30	33.00 x 27.00 [838 x 686]
NP3636	$00auu:	NP3636G	$00?38:	NP3636PP	$00?3x:	NP3636SS	$00?47:	36 x 36	33.00 x 33.00 [838 x 838]
NP4024	$00aux:	—	—	—	—	—	—	40 x 24	37.00 x 21.00 [940 x 533]
NP4224	$00auz:	NP4224G	$00?3a:	—	—	—	—	42 x 24	39.00 x 21.00 [991 x 533]
NP4230	$;00au]:	NP4230G	$00?3b:	NP4230PP	$00?3y:	NP4230SS	$00?48:	42 x 30	39.00 x 27.00 [991 x 686]
NP4236	$00au_:	NP4236G	$00?3c:	NP4236PP	$00?3z:	NP4236SS	$00?49:	42 x 36	39.00 x 33.00 [991 x 838]
NP4824	$;00au!:	NP4824G	$00?3d:	—	—	—	—	48 x 24	45.00 x 21.00 [1143 x 533]
NP4830	$;00au,:	NP4830G	$00?3e:	—	—	—	—	48 x 30	45.00 x 27.00 [1143 x 686]
NP4836	$00av0:	NP4836G	$;00?3f:	NP4836PP	$;00?3]:	NP4836SS	$00?4a:	48 x 36	45.00 x 33.00 [1143 x 838]
NP6030	$00av2:	NP6030G	$00?3g:	—	—	—	—	60 x 30	57.00 x 27.00 [1448 x 686]
NP6036	$00av3:	NP6036G	$00?3h:	NP6036PP	$;00?3[:	NP6036SS	$00?4b:	60 x 36	57.00 x 33.00 [1448 x 838]
NP7230	$00av5:	NP7230G	$-00?3i:	—	—	—	—	72 x 30	69.00 x 27.00 [1753 x 686]
NP7236	$00av6:	NP7236G	$-00?3j:	—	—	—	—	72 x 36	69.00 x 33.00 [1753 x 838]

Notes: Dimensions in inches [millimeters].
Letters in table correspond to letters on dimensional drawing.
Disconnect enclosures will be up to 2 in [51 mm] wider than width dimensions in this table.