CHAPTER 5
Disconnect

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Wall-Mount Preferred-Cutout Overview

Preferred-Cutout Overview

Application

Enclosures having the preferred cutout are sized for use with up to 200A disconnect switches and up to 400A circuit breakers unless otherwise specified. The preferred cutout accepts the smaller operating handle whose mounting hole centers are 4.688 in. apart. Preferred cutouts are standard in mild steel wall-mount enclosures, modular enclosures and some select large mild steel enclosures. They are also present on all standard stainless steel offerings. Mild steel operator adapter plates with brand specific preferred cutouts are available for enclosures with a rectangular universal cutout.

Preferred cutouts are designed to house the following:

Allen-Bradley
- Bulletin 1494V disconnect switches with flange-mount variable-depth operating mechanisms and Bulletin 1494V flange-mount variable-depth operating mechanisms for circuit breakers
- Bulletin 140U flexible cable operating mechanisms for 140U molded case circuit breakers
- Bulletin 1494C cable-operated disconnect switches with flange-mount handles
- Bulletin 194RC cable-operated flange-mount handles for use with the NFPA 79 compliant 194R IEC rotary disconnect switches

Allen-Bradley Bulletin 1494V-R1, -R2 and -W2 operating handles and Allen-Bradley Bulletin 1494F disconnect devices or Bulletin 1494D circuit breaker operators will NOT fit these enclosures.

ABB Controls flange-mount variable-depth operating mechanisms for disconnect switches and circuit breakers. Also the cable version for circuit breakers.

Eaton Cutler-Hammer Type C361 flange-mount variable-depth operating mechanisms with disconnect switches and Type C371 flange-mount variable-depth operating mechanisms for circuit breakers.

General Electric Type STDA flange handles and variable-depth operating mechanisms for disconnect switches and circuit breakers. Also SPECTRAFLEX™ cable operators for circuit breakers.

Siemens ITE MAX FLEX® flange-mount variable-depth operating handles for circuit breakers.

Schneider Square D® Class 9422 disconnect switches with flange-mount variable-depth operating mechanisms or cable mechanisms and Class 9422 flange-mount 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.

Ordering

The disconnect switch, operating handle, and operating mechanism must be ordered from disconnect equipment supplier. See Technical Information in the Hoffman Specifier's Guide for wire bend space available when various manufacturers' disconnect switches are installed, or Disconnect Ordering Information at hoffmanonline.com for disconnect ordering guidelines and wire bend space available. Check the enclosure dimension drawings to verify the chosen disconnect switch will fit in the enclosure.

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Preferred Cutout, Disconnect Enclosure, Type 12

Preferred Cutout, Disconnect Enclosure, Type 12

Industry Standards

UL 508A Listed; Type 12, 13; File No. E61997
cUL Listed per CSA C22.2 No. 94; Type 12, 13; File No. E61997

NEMA/EEMAC Type 12, 13
CSA File No. 42186: Type 12
IEC 60529, IP65

Application

These general purpose disconnect enclosures accept major brand disconnect switches and circuit breakers, available with or without the Hoffman-supplied defeater door handle and handle hardware.

Features

- Includes latch pivot post(s) and cover interlock bracket welded to door, cover latch bar for door, and instructions for installing disconnects
- Model numbers ending with "PL" include handle and handle latching hardware

Specifications

- 14 gauge steel
- Seams continuously welded and ground smooth
- Bonding provision on door
- External mounting brackets
- External-formed flange around all sides of enclosure opening
- Removable door with continuous hinge
- Data pocket is high impact thermoplastic
- Oil-resistant gasket
- Collar studs for mounting optional panels
- Holes in body and door for mounting operating handle, operating mechanism, and door closing mechanism
- Available with or without Hoffman supplied padlocking defeater handle and latching system

Finish

White inside with ANSI 61 gray outside finish.

Accessories

See also Accessories.
Blank Adapter Plates, Mild Steel
Compact Cooling Fans
PANELITE™ Enclosure Lights Overview
Panels for Type 3R, 4, 4X, 12 and 13 Enclosures
POWERGLIDE® Defeater Handle Kit
Steel and Stainless Steel Window Kits

Ordering

Note: Some flexible cable operating mechanisms may not work in 8-in. deep enclosures due to interference with cable control hardware on inside of flange.

Depending on model, order as follows:
PL models:
- Operating mechanism and disconnect switch or circuit breakers
- Operating handle

All other models:
- Operating mechanism and disconnect switch or circuit breakers
- Operating handle
- POWERGLIDE® Defeater Handle Kit

—or—

- Operating mechanism and disconnect switch or circuit breakers
- Operating handle
- Door hardware

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: A25

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Preferred Cutout, Disconnect Enclosure, Type 12

Standard Product

Catalog Number	AxBxC in.	AxBxC mm	Footnotes	With or Without Handle	Panel	Conductive Panel	Panel Size D x E (in.)	Panel Size D x E (mm)	Data Pocket Size D x E (in.)	Data Pocket Size D x E (mm)
A20SA2208LP	20.00 x 21.38 x 8.00	508 x 543 x 203	—	Without	A20P20	A20P20G	17.00 x 17.00	432 x 432	6.00 x 6.00	152 x 152
A20SA2208LPPL	20.00 x 21.38 x 8.00	508 x 543 x 203	—	With	A20P20	A20P20G	17.00 x 17.00	432 x 432	6.00 x 6.00	152 x 152
A24SA2208LP	24.00 x 21.38 x 8.00	610 x 543 x 203	—	Without	A24P20	A24P20G	21.00 x 17.00	533 x 432	6.00 x 6.00	152 x 152
A24SA2208LPPL	24.00 x 21.38 x 8.00	610 x 543 x 203	—	With	A24P20	A24P20G	21.00 x 17.00	533 x 432	6.00 x 6.00	152 x 152
A24SA2608LP	24.00 x 25.38 x 8.00	610 x 645 x 203	—	Without	A24P24	A24P24G	21.00 x 21.00	533 x 533	6.00 x 6.00	152 x 152
A24SA2608LPPL	24.00 x 25.38 x 8.00	610 x 645 x 203	—	With	A24P24	A24P24G	21.00 x 21.00	533 x 533	6.00 x 6.00	152 x 152
A30SA2208LP	30.00 x 21.38 x 8.00	762 x 543 x 203	—	Without	A30P20	A30P20G	27.00 x 17.00	686 x 432	6.00 x 6.00	152 x 152
A30SA2208LPPL	30.00 x 21.38 x 8.00	762 x 543 x 203	—	With	A30P20	A30P20G	27.00 x 17.00	686 x 432	6.00 x 6.00	152 x 152
A30SA2608LP	30.00 x 25.38 x 8.00	762 x 645 x 203	—	Without	A30P24	A30P24G	27.00 x 21.00	686 x 533	12.00 x 12.00	305 x 305
A30SA2608LPPL	30.00 x 25.38 x 8.00	762 x 645 x 203	—	With	A30P24	A30P24G	27.00 x 21.00	686 x 533	12.00 x 12.00	305 x 305
A36SA2608LP	36.00 x 25.38 x 8.00	914 x 645 x 203	—	Without	A36P24	A36P24G	33.00 x 21.00	838 x 533	12.00 x 12.00	305 x 305
A36SA2608LPPL	36.00 x 25.38 x 8.00	914 x 645 x 203	—	With	A36P24	A36P24G	33.00 x 21.00	838 x 533	12.00 x 12.00	305 x 305
A36SA3208LP	36.00 x 31.38 x 8.00	914 x 797 x 203	—	Without	A36P30	A36P30G	33.00 x 27.00	838 x 686	12.00 x 12.00	305 x 305
A36SA3208LPPL	36.00 x 31.38 x 8.00	914 x 797 x 203	—	With	A36P30	A36P30G	33.00 x 27.00	838 x 686	12.00 x 12.00	305 x 305
A42SA3208LP	42.00 x 31.38 x 8.00	1067 x 810 x 203	—	Without	A42P30	A42P30G	39.00 x 27.00	991 x 686	6.00 x 6.00	152 x 152
A42SA3208LPPL	42.00 x 31.38 x 8.00	1067 x 810 x 203	—	With	A42P30	A42P30G	39.00 x 27.00	991 x 686	6.00 x 6.00	152 x 152
A42SA3808LP	42.00 x 37.38 x 8.00	1067 x 949 x 203	—	Without	A42P36	A42P36G	39.00 x 33.00	991 x 838	12.00 x 12.00	305 x 305
A42SA3808LPPL	42.00 x 37.38 x 8.00	1067 x 949 x 203	—	With	A42P36	A42P36G	39.00 x 33.00	991 x 838	12.00 x 12.00	305 x 305
A48SA3808LP	48.00 x 37.38 x 8.00	1219 x 949 x 203	—	Without	A48P36	A48P36G	45.00 x 33.00	1143 x 838	12.00 x 12.00	305 x 305
A48SA3808LPPL	48.00 x 37.38 x 8.00	1219 x 949 x 203	—	With	A48P36	A48P36G	45.00 x 33.00	1143 x 838	12.00 x 12.00	305 x 305
A60SA3808LP	60.00 x 37.38 x 8.00	1524 x 949 x 203	—	Without	A60P36	A60P36G	57.00 x 33.00	1448 x 838	12.00 x 12.00	305 x 305
A60SA3808LPPL	60.00 x 37.38 x 8.00	1524 x 949 x 203	—	With	A60P36	A60P36G	57.00 x 33.00	1448 x 838	12.00 x 12.00	305 x 305
A20SA2210LP	20.00 x 21.38 x 10.00	508 x 543 x 254	—	Without	A20P20	A20P20G	17.00 x 17.00	432 x 432	6.00 x 6.00	152 x 152
A20SA2210LPPL	20.00 x 21.38 x 10.00	508 x 543 x 254	—	With	A20P20	A20P20G	17.00 x 17.00	432 x 432	6.00 x 6.00	152 x 152
A24SA2210LP	24.00 x 21.38 x 10.00	610 x 543 x 254	—	Without	A24P20	A24P20G	21.00 x 17.00	533 x 432	6.00 x 6.00	152 x 152
A24SA2210LPPL	24.00 x 21.38 x 10.00	610 x 543 x 254	—	With	A24P20	A24P20G	21.00 x 17.00	533 x 432	6.00 x 6.00	152 x 152
A24SA2610LP	24.00 x 25.38 x 10.00	610 x 645 x 254	—	Without	A24P24	A24P24G	21.00 x 21.00	533 x 533	6.00 x 6.00	152 x 152
A24SA2610LPPL	24.00 x 25.38 x 10.00	610 x 645 x 254	—	With	A24P24	A24P24G	21.00 x 21.00	533 x 533	6.00 x 6.00	152 x 152
A30SA2210LP	30.00 x 21.38 x 10.00	762 x 543 x 254	—	Without	A30P20	A30P20G	27.00 x 17.00	686 x 432	6.00 x 6.00	152 x 152
A30SA2210LPPL	30.00 x 21.38 x 10.00	762 x 543 x 254	—	With	A30P20	A30P20G	27.00 x 17.00	686 x 432	6.00 x 6.00	152 x 152
A30SA2610LP	30.00 x 25.38 x 10.00	762 x 645 x 254	—	Without	A30P24	A30P24G	27.00 x 21.00	686 x 533	12.00 x 12.00	305 x 305
A30SA2610LPPL	30.00 x 25.38 x 10.00	762 x 645 x 254	—	With	A30P24	A30P24G	27.00 x 21.00	686 x 533	12.00 x 12.00	305 x 305
A36SA2610LP	36.00 x 25.38 x 10.00	914 x 645 x 254	—	Without	A36P24	A36P24G	33.00 x 21.00	838 x 533	12.00 x 12.00	305 x 305
A36SA2610LPPL	36.00 x 25.38 x 10.00	914 x 645 x 254	—	With	A36P24	A36P24G	33.00 x 21.00	838 x 533	12.00 x 12.00	305 x 305
A36SA3210LP	36.00 x 31.38 x 10.00	914 x 797 x 254	—	Without	A36P30	A36P30G	33.00 x 27.00	838 x 686	12.00 x 12.00	305 x 305
A36SA3210LPPL	36.00 x 31.38 x 10.00	914 x 797 x 254	—	With	A36P30	A36P30G	33.00 x 27.00	838 x 686	12.00 x 12.00	305 x 305
A42SA3210LP	42.00 x 31.38 x 10.00	1067 x 797 x 254	—	Without	A42P30	A42P30G	39.00 x 27.00	991 x 686	6.00 x 6.00	152 x 152
A42SA3210LPPL	42.00 x 31.38 x 10.00	1067 x 797 x 254	—	With	A42P30	A42P30G	39.00 x 27.00	991 x 686	6.00 x 6.00	152 x 152
A42SA3810LP	42.00 x 37.38 x 10.00	1067 x 949 x 254	—	Without	A42P36	A42P36G	39.00 x 33.00	991 x 838	12.00 x 12.00	305 x 305
A42SA3810LPPL	42.00 x 37.38 x 10.00	1067 x 949 x 254	—	With	A42P36	A42P36G	39.00 x 33.00	991 x 838	12.00 x 12.00	305 x 305
A48SA2610LPPL	48.00 x 25.38 x 10.00	1219 x 645 x 254	—	With	A48P24	A48P24G	45.00 x 21.00	1143 x 533	12.00 x 12.00	305 x 305
A48SA3810LP	48.00 x 37.38 x 10.00	1219 x 949 x 254	—	Without	A48P36	A48P24G	45.00 x 33.00	1143 x 838	12.00 x 12.00	305 x 305
A48SA3810LPPL	48.00 x 37.38 x 10.00	1219 x 949 x 254	—	With	A48P36	A48P24G	45.00 x 33.00	1143 x 838	12.00 x 12.00	305 x 305
A60SA3810LP	60.00 x 37.38 x 10.00	1524 x 949 x 254	—	Without	A60P36	A60P36G	57.00 x 33.00	1448 x 838	12.00 x 12.00	305 x 305
A60SA3810LPPL	60.00 x 37.38 x 10.00	1524 x 949 x 254	—	With	A60P36	A60P36G	57.00 x 33.00	1448 x 838	12.00 x 12.00	305 x 305
A60SA3812LPPL	60.00 x 37.38 x 12.00	1524 x 949 x 305	—	With	A60P36	A60P36G	57.00 x 33.00	1448 x 838	12.00 x 12.00	305 x 305
A36SA3216LPPL	36.00 x 31.38 x 16.00	914 x 797 x 406	—	With	A36P30	A36P30G	33.00 x 27.00	838 x 686	12.00 x 12.00	305 x 305
A42SA3216LPPL	42.00 x 31.38 x 16.00	1067 x 797 x 406	—	With	A42P30	A42P30G	39.00 x 27.00	991 x 686	6.00 x 6.00	152 x 152
A42SA3816LPPL	42.00 x 37.38 x 16.00	1067 x 949 x 406	—	With	A42P36	A42P36G	39.00 x 33.00	991 x 838	12.00 x 12.00	305 x 305
A48SA3816LPPL	48.00 x 37.38 x 16.00	1219 x 949 x 406	—	With	A48P36	A48P36G	45.00 x 33.00	1143 x 838	12.00 x 12.00	305 x 305
A60SA3816LP	60.00 x 37.38 x 16.00	1524 x 949 x 406	—	Without	A60P36	A60P36G	57.00 x 33.00	1448 x 838	12.00 x 12.00	305 x 305
A60SA3816LPPL	60.00 x 37.38 x 16.00	1524 x 949 x 406	—	With	A60P36	A60P36G	57.00 x 33.00	1448 x 838	12.00 x 12.00	305 x 305
A30SA2612LP	30.00 x 25.38 x 12.00	762 x 645 x 305	a	Without	A30P24	A30P24G	27.00 x 21.00	686 x 533	12.00 x 12.00	305 x 305
A30SA2612LPPL	30.00 x 25.38 x 12.00	762 x 645 x 305	a	With	A30P24	A30P24G	27.00 x 21.00	686 x 533	12.00 x 12.00	305 x 305
A36SA3212LP	36.00 x 31.38 x 12.00	914 x 797 x 305	a	Without	A36P30	A36P30G	33.00 x 27.00	838 x 686	12.00 x 12.00	305 x 305
A36SA3212LPPL	36.00 x 31.38 x 12.00	914 x 797 x 305	a	With	A36P30	A36P30G	33.00 x 27.00	838 x 686	12.00 x 12.00	305 x 305
A42SA3212LP	42.00 x 31.38 x 12.00	1067 x 797 x 305	a	Without	A42P30	A42P30G	39.00 x 27.00	991 x 686	6.00 x 6.00	152 x 152
A42SA3212LPPL	42.00 x 31.38 x 12.00	1067 x 797 x 305	a	With	A42P30	A42P30G	39.00 x 27.00	991 x 686	6.00 x 6.00	152 x 152
A42SA3812LP	42.00 x 37.38 x 12.00	1067 x 949 x 305	a	Without	A42P36	A42P36G	39.00 x 33.00	991 x 838	12.00 x 12.00	305 x 305
A42SA3812LPPL	42.00 x 37.38 x 12.00	1067 x 949 x 305	a	With	A42P36	A42P36G	39.00 x 33.00	991 x 838	12.00 x 12.00	305 x 305
A48SA3812LP	48.00 x 37.38 x 12.00	1219 x 949 x 305	a	Without	A48P36	A48P36G	45.00 x 33.00	1143 x 838	12.00 x 12.00	305 x 305
A48SA3812LPPL	48.00 x 37.38 x 12.00	1219 x 949 x 305	a	With	A48P36	A48P36G	45.00 x 33.00	1143 x 838	12.00 x 12.00	305 x 305
A60SA3812LP	60.00 x 37.38 x 12.00	1524 x 949 x 305	a	Without	A60P36	A60P36G	57.00 x 33.00	1448 x 838	12.00 x 12.00	305 x 305
A36SA3216LP	36.00 x 31.38 x 16.00	914 x 797 x 406	a	Without	A36P30	A36P30G	33.00 x 27.00	838 x 686	12.00 x 12.00	305 x 305
A48SA3816LP	48.00 x 37.38 x 16.00	1219 x 949 x 406	a	Without	A48P36	A48P36G	45.00 x 33.00	1143 x 838	12.00 x 12.00	305 x 305
A60SA3812A24LP	60.00 x 37.38 x 12.00	1524 x 949 x 305	b	Without	A60P36	A60P36G	57.00 x 33.00	1448 x 838	12.00 x 12.00	305 x 305

[a]When using a Siemens ITE circuit breaker and an enclosure with an A dimension of 30-, 36- or 42-in., verify the amount of wire bend space required for both the line and load sides. Enclosures 12- and 16-in. deep can be modified to accept Siemens ITE 800 A and 1200 A circuit breakers. (Consult factory for details.)

[b]Catalog number A60SA3812A24LP enclosure will receive only 400 A and 600 A Allen-Bradley Bulletin 1494V disconnect switches, and Siemens ITE 800 Amp and 1200 Amp circuit breakers. The 400 Amp and 600 Amp Allen-Bradley disconnect switch will not fit any other size enclosure from the Bulletin A25 family. Blank Adapter Plates will not fit catalog number A60SA3812A24LP.

Purchase panels separately.

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Preferred Cutout, Disconnect Enclosure, Type 12

Table 430.10(B) **Minimum Wire Bending Space at the Terminals of Enclosed Motor Controllers**

Size of Wire (AWG or kcmil)	Wires per Terminal 1 (mm)	Wires per Terminal 1 (in.)	Wires per Terminal 2(mm)	Wires per Terminal 2 (in.)
14-10	Not specified	Not specified	—	—
8-6	30	1.5	—	—
4-3	50	2	—	—
2	65	2.5	—	—
1	75	3	—	—
1/0	125	5	125	5
2/0	150	6	150	6
3/0-4/0	175	7	175	7
250	200	8	200	8
300	250	10	250	10
350-500	300	12	300	12
600-700	350	14	400	16
750-900	450	18	475	19

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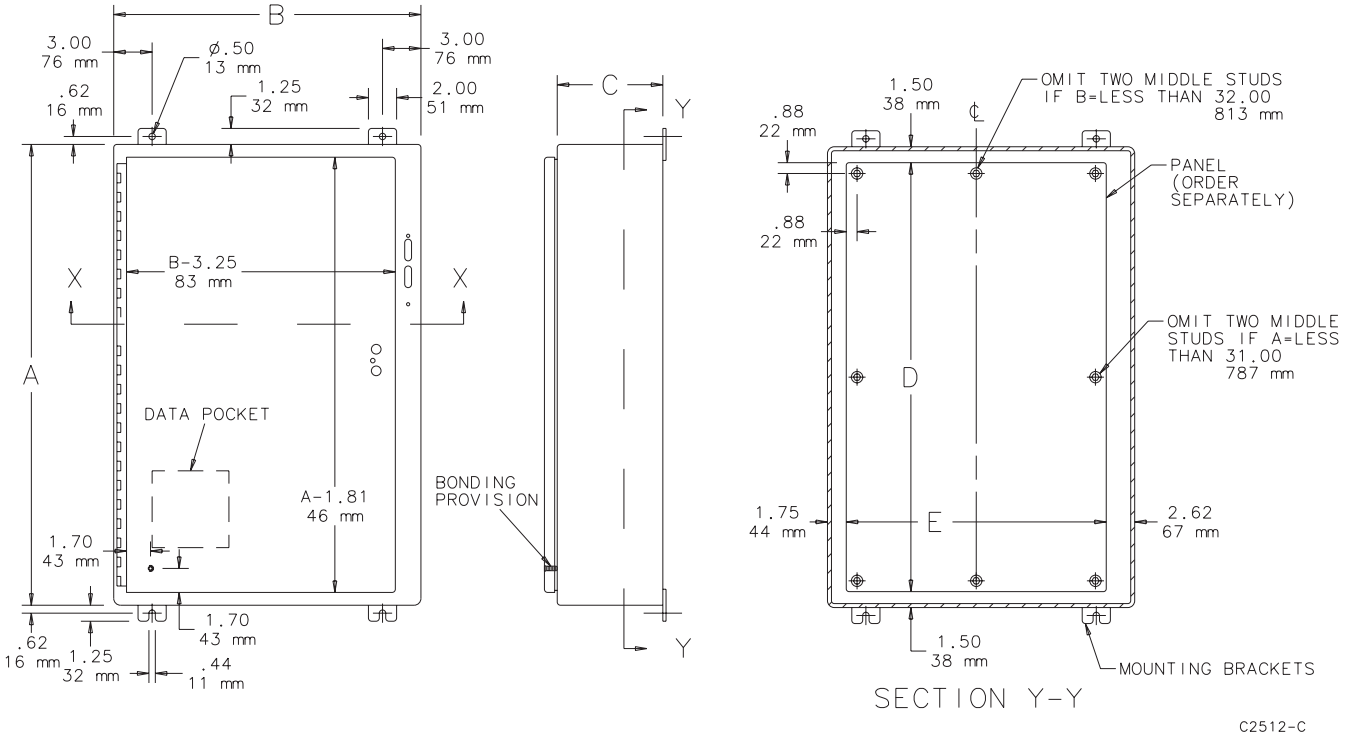
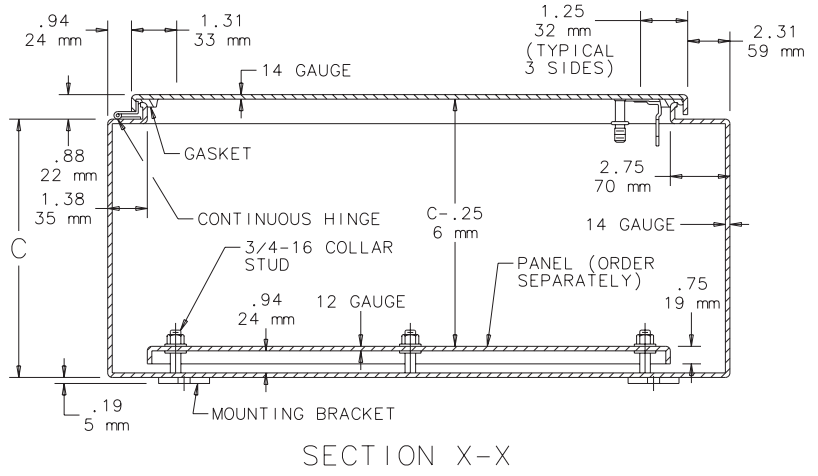
Where provision for 3 or more wires per terminal exists, the minimum wire bending space shall be in accordance with the requirements of Article 312.



C2512-C



NOTE:
1. Panels have flanges along two sides when the side dimension is more than 21.00 (533mm).
2. Catalog number A60SA3812A24LP has a larger cutout in the enclosure flange to accomodate the Allen-Bradley 1494V-H2 and Siemens ITE FHOHN operating handles.
3. Panels are 12 gauge steel.
4. Enclosure with A < 40.00 (1016mm) require 2-point door hardware.

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Preferred Cutout, Disconnect Enclosure, Type 12

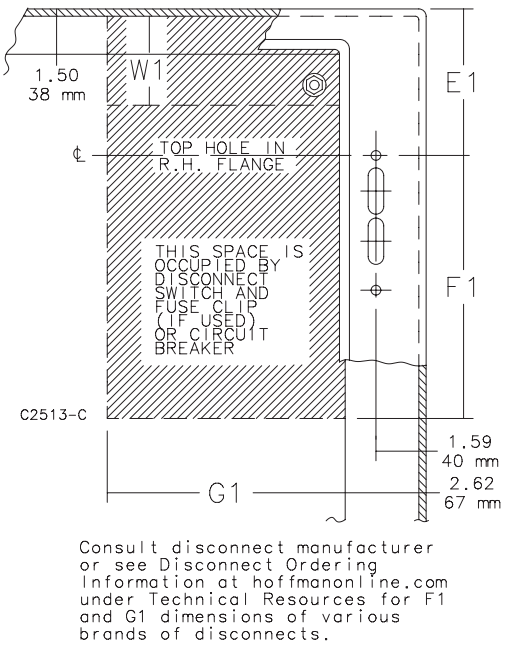
Disconnect Mounting Space

Disconnects will occupy space on panel shown by dimensions E1, F1 and G1 in Disconnect Mounting Space diagram. Wiring space W1 is available when disconnect is installed in the enclosure.
E1 = 4.75 in. (121 mm) when C = 8.00 in. (203 mm)
E1 = 7.09 in. (180 mm) when C =10.00 in. (254 mm)
E1 = 11.62 in. (294 mm) when C = 12.00 in. (305 mm)
E1 = 11.62 in. (294 mm) when C = 16.00 in. (406 mm)
E1 = 18.38 in. (467 mm) for A60SA3812A24LP
W1 = Wiring Space.

See Technical Information for wire bend space.

Refer to ***NATIONAL ELECTRICAL CODE 2005*** article 430.10(B) for wiring space required for line side conductors to be connected to disconnect.

Verify your application to determine if wiring space is adequate.



POWERGLIDE® Defeater Handle Kit

This clockwise defeater model includes door hardware for Bulletin A25 enclosures.

Bulletin: A80

Catalog Number	Description
AL55CWD	Medium POWERGLIDE Handle - Clockwise opening with defeater and door hardware

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CONCEPT® Disconnect Enclosure, Type 4

Industry Standards

Mounting brackets required to maintain UL/CSA external mounting requirement.

UL 508A Listed; Type 4, 12; File No. E61997
cUL Listed per CSA C22.2 No. 94; Type 4, 12; File No. E61997

NEMA/EEMAC Type 4, 12, Type 13
CSA File No. 42186: Type 4, 12
VDE, IP66
IEC 60529, IP66

Application

Use CONCEPT® Disconnect Enclosures in applications that require stylized design features and a preferred cutout for the disconnect switch or circuit breaker. Accepts major brand disconnect switches and circuit breakers and is supplied with a Hoffman-integrated tool-to-open handle.

Furnished with Enclosures

1. Door interlock bracket welded to door
2. Door latching system (2-point or 3-point) installed on door
3. Instructions to locate and install disconnect
4. Hardware kit consisting of padlocking door handle, panel mounting nuts, grounding hardware and sealing washers for mounting holes

Specifications

- 16 or 14 gauge steel (see table)
- Seams continuously welded and ground smooth
- External-formed 90-degree body flange
- Bonding provision on door; grounding stud on body
- Holes provided in body for mounting disconnect operating handle and operating mechanism
- Panel mounting studs fit optional CONCEPT panels and other accessories
- Mounting holes in back of body for direct mounting or for optional external mounting brackets
- Hidden hinges for clean, aesthetic appearance
- Removable corner-formed doors
- Provisions on door for optional high-impact thermoplastic data pocket
- Seamless foam-in-place gasket
- Door alignment device on doors wider than 30 in.
- Latching system interlocks with the disconnect handle for added safety
- Unique integrated door handle with tool-to-open feature and padlocking option
- Self-grounding latch system with double seal
- Four hinges on 60-inch-high doors
- Simple easy-to-remove and install hinge pins with built-in captivation clip
- High-torque threadless studs and fasteners on door
- Illustrated instruction sheet included

Finish

Two standard finishes are available:

- ANSI 61 gray polyester powder coating inside and out
- RAL 7035 textured light-gray polyester powder coating inside and out

Accessories

See also Accessories.
Blank Adapter Plates, Mild Steel
Compact Cooling Fans
PANELITE™ Enclosure Lights Overview
CONCEPT® Panels
Mounting-Bracket Kits
Steel and Stainless Steel Window Kits

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: CWD

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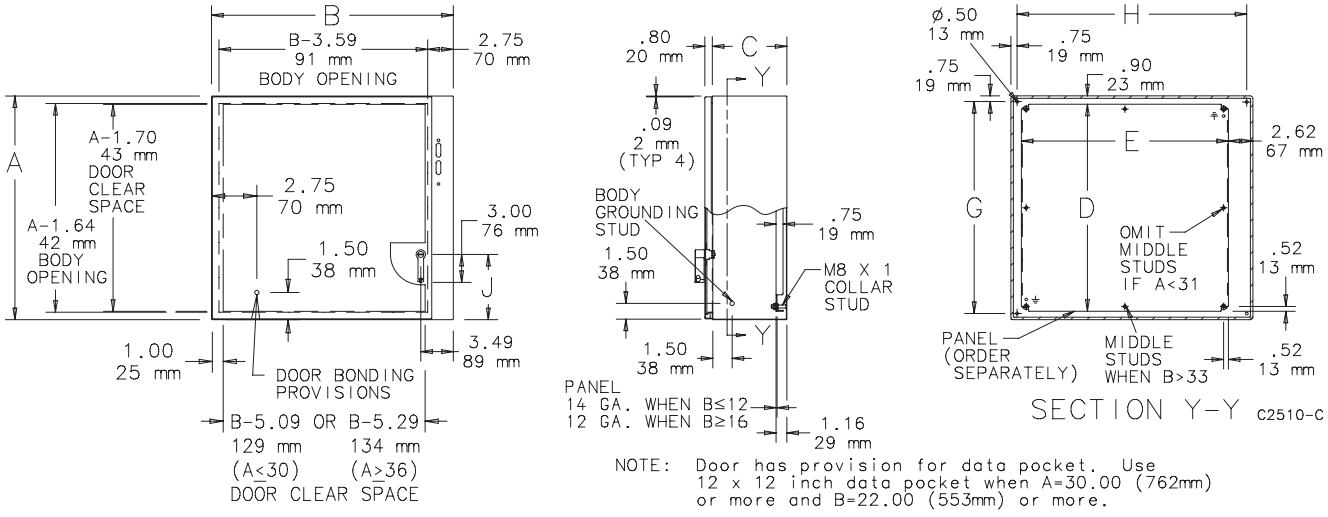
CONCEPT® Wall-Mount Disconnect Enclosures

Standard Product

Catalog Number	AxBxC in./mm	Finish	Door Gauge	Body Gauge	CONCEPT Panel	Conductive Panel	Panel Size D x E in./mm	Mounting G x H in./mm	Latches Qty.	Latches Style	J in./mm
CDSC20228	20.00 x 22.00 x 8.00 508 x 559 x 203	ANSI 61 Gray	14	16	CP2020	CP2020G	18.20 x 18.20 462 x 462	18.50 x 20.50 470 x 521	1	2-point	5.00 127
CDSC20228LG	20.00 x 22.00 x 8.00 508 x 559 x 203	RAL 7035 Gray	14	16	CP2020	CP2020G	18.20 x 18.20 462 x 462	18.50 x 20.50 470 x 521	1	2-point	5.00 127
CDSC24228	24.00 x 22.00 x 8.00 610 x 559 x 203	ANSI 61 Gray	14	16	CP2420	CP2420G	22.20 x 18.20 564 x 462	22.50 x 20.50 572 x 521	1	2-point	6.00 152
CDSC24228LG	24.00 x 22.00 x 8.00 610 x 559 x 203	RAL 7035 Gray	14	16	CP2420	CP2420G	22.20 x 18.20 564 x 462	22.50 x 20.50 572 x 521	1	2-point	6.00 152
CDSC24268	24.00 x 26.00 x 8.00 610 x 660 x 203	ANSI 61 Gray	14	16	CP2424	CP2424G	22.20 x 22.20 564 x 564	22.50 x 24.50 572 x 622	1	2-point	6.00 152
CDSC24268LG	24.00 x 26.00 x 8.00 610 x 660 x 203	RAL 7035 Gray	14	16	CP2424	CP2424G	22.20 x 22.20 564 x 564	22.50 x 24.50 572 x 622	1	2-point	6.00 152
CDSC30268	30.00 x 26.00 x 8.00 762 x 660 x 203	ANSI 61 Gray	14	16	CP3024	CP3024G	28.20 x 22.20 716 x 564	28.50 x 24.50 724 x 622	1	2-point	6.00 152
CDSC30268LG	30.00 x 26.00 x 8.00 762 x 660 x 203	RAL 7035 Gray	14	16	CP3024	CP3024G	28.20 x 22.20 716 x 564	28.50 x 24.50 724 x 622	1	2-point	6.00 152
CDSC36268	36.00 x 26.00 x 8.00 914 x 660 x 203	ANSI 61 Gray	14	14	CP3624	CP3624G	34.20 x 22.20 869 x 564	34.50 x 24.50 876 x 622	1	2-point	6.00 152
CDSC36268LG	36.00 x 26.00 x 8.00 914 x 660 x 203	RAL 7035 Gray	14	14	CP3624	CP3624G	34.20 x 22.20 869 x 564	34.50 x 24.50 876 x 622	1	2-point	6.00 152
CDSC36328	36.00 x 32.00 x 8.00 914 x 813 x 203	ANSI 61 Gray	14	14	CP3630	CP3630G	34.20 x 28.20 869 x 716	34.50 x 30.50 869 x 775	1	2-point	6.00 152
CDSC36328LG	36.00 x 32.00 x 8.00 914 x 813 x 203	RAL 7035 Gray	14	14	CP3630	CP3630G	34.20 x 28.20 869 x 716	34.50 x 30.50 869 x 775	1	2-point	6.00 152
CDSC423212	42.00 x 32.00 x 12.00 1067 x 813 x 305	ANSI 61 Gray	14	14	CP4230	CP4230G	40.20 x 28.20 1021 x 716	40.50 x 30.50 1029 x 775	1	3-point	21.00 533
CDSC423212LG	42.00 x 32.00 x 12.00 1067 x 813 x 305	RAL 7035 Gray	14	14	CP4230	CP4230G	40.20 x 28.20 1021 x 716	40.50 x 30.50 1029 x 775	1	3-point	21.00 533
CDSC423812	42.00 x 38.00 x 12.00 1067 x 965 x 305	ANSI 61 Gray	14	14	CP4236	CP4236G	40.20 x 34.20 1021 x 869	40.50 x 36.50 1029 x 927	1	3-point	21.00 533
CDSC423812LG	42.00 x 38.00 x 12.00 1067 x 965 x 305	RAL 7035 Gray	14	14	CP4236	CP4236G	40.20 x 34.20 1021 x 869	40.50 x 36.50 1029 x 927	1	3-point	21.00 533
CDSC483812	48.00 x 38.00 x 12.00 1219 x 965 x 305	ANSI 61 Gray	14	14	CP4836	CP4836G	46.20 x 34.20 1173 x 869	46.50 x 36.50 1181 x 927	1	3-point	24.00 610
CDSC483812LG	48.00 x 38.00 x 12.00 1219 x 965 x 305	RAL 7035 Gray	14	14	CP4836	CP4836G	46.20 x 34.20 1173 x 869	46.50 x 36.50 1181 x 927	1	3-point	24.00 610
CDSC603812	60.00 x 38.00 x 12.00 1524 x 965 x 305	ANSI 61 Gray	14	14	CP6036	CP6036G	58.20 x 34.20 1478 x 869	58.50 x 36.50 1486 x 927	1	3-point	30.00 762
CDSC603812LG	60.00 x 38.00 x 12.00 1524 x 965 x 305	RAL 7035 Gray	14	14	CP6036	CP6036G	58.20 x 34.20 1478 x 869	58.50 x 36.50 1486 x 927	1	3-point	30.00 762

Purchase panels separately.



NOTE: Door has provision for data pocket. Use 12 x 12 inch data pocket when A=30.00 (762mm) or more and B=22.00 (553mm) or more.

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CONCEPT® Disconnect Enclosure, Type 4X

Industry Standards

Mounting brackets required to meet UL/cUL external mounting requirement.

UL 508A Listed; Type 3R, 4, 4X, 12; File No. E61997
cUL Listed per CSA C22.2 No. 94; Type 3R, 4, 4X, 12; File No. E61997

NEMA/EEMAC Type 3R, 4, 4X, 12, 13
IEC 60529, IP66
Meets NEMA Type 3RX requirements

Application

Use CONCEPT® Disconnect Enclosures in applications that require stylized design features and a preferred cutout that accepts major brand disconnect switches and circuit breakers.

Furnished with Enclosures

1. Door interlock bracket welded to door
2. Door latching system (2-point or 3-point) installed on door
3. Instructions to locate and install disconnect
4. Hardware kit consisting of padlocking door handle, panel mounting nuts, grounding hardware and sealing washers for mounting holes

Specifications

- 14 and 16 gauge Type 304 or 316L stainless steel
- Seams continuously welded and ground smooth
- External-formed 90-degree body flange
- Integral door ramp to properly align door and gasket to body flange
- Holes provided in right-hand flange are for mounting disconnect operating handle and operating mechanism
- Panel mounting studs fit optional CONCEPT panels and other accessories (purchase panels separately)
- Mounting holes in back of body for direct mounting or for optional external mounting brackets
- Stainless steel hidden hinges
- Standard full-access door opening
- Corner formed doors are interchangeable and easily removable by pulling captive hinge pins
- Provisions on door for optional high-impact thermoplastic data pocket
- Seamless foam-in-place gasket
- Door latching system (2- or 3-point) installed on door interlocks with disconnect handle for added safety
- Interlock bracket welded to door
- Unique integrated door handle with tool-to-open feature and padlock option installed on door
- Self-grounding latch system with double seal
- Bonding provision on door; grounding stud on body
- Includes hardware kit (consisting of padlocking door handle, panel mounting nuts, grounding hardware and sealing washers for mounting holes) and instructions for installing disconnects

Finish

Sides, top bottom and door have smooth #4 brushed finish. Handle is die-cast with black textured polyester powder paint.

Accessories

See also Accessories.
Blank Adapter Plates, Stainless Steel
Compact Cooling Fans
Mounting-Bracket Kits
PANELITE™ Enclosure Lights Overview
CONCEPT® Panels
Steel and Stainless Steel Window Kits

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: CWSD

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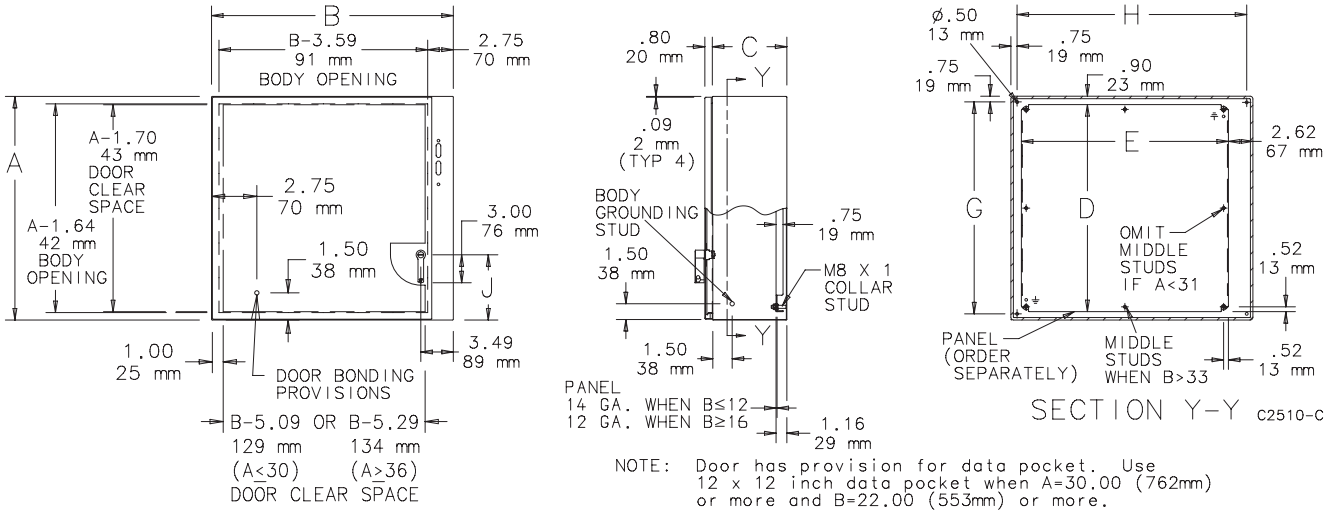
CONCEPT® Wall-Mount Disconnect Enclosures

Standard Product

Catalog Number	AxBxC in./mm	Stainless Steel Type	Door Gauge	Body Gauge	CONCEPT Panel	Conductive Panel	Panel Size D x E in./mm	Mounting G x H in./mm	Latches Style	J in./mm
CDSC20228SS	20.00 x 22.00 x 8.00 508 x 559 x 203	304	14	16	CP2020	CP2020G	18.20 x 18.20 462 x 462	18.50 x 20.50 470 x 521	1 - 2 point	5.00 127
CDSC24228SS	24.00 x 22.00 x 8.00 610 x 559 x 203	304	14	16	CP2420	CP2420G	22.20 x 18.20 564 x 462	22.50 x 20.50 572 X 521	1 - 2 point	6.00 152
CDSC24268SS	24.00 x 26.00 x 8.00 610 x 660 x 203	304	14	16	CP2424	CP2424G	22.20 x 22.20 564 x 564	22.50 x 24.50 572 x 622	1 - 2 point	6.00 152
CDSC30268SS	30.00 x 26.00 x 8.00 762 x 660 x 203	304	14	16	CP3024	CP3024G	28.20 x 24.50 716 x 564	28.50 x 24.50 724 x 622	1 - 2 point	6.00 152
CDSC36268SS	36.00 x 26.00 x 8.00 914 x 660 x 203	304	14	16	CP3624	CP3624G	32.20 x 22.20 869 x 564	34.50 x 24.50 876 x 622	1 - 2 point	6.00 152

Enclosure doors have 2 quarter-turn latches and a handle with 2- or 3-point latch.

Purchase panels separately. Optional plated CONCEPT panels available. Optional NEMA style and stainless steel panels require conversion kit catalog number CCPM4.



NOTE: Door has provision for data pocket. Use 12 x 12 inch data pocket when A=30.00 (762mm) or more and B=22.00 (553mm) or more.

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Notes

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CONCEPT® Wall-Mount Disconnect Enclosures

CONCEPT® with Quarter-Turn Latches Disconnect Enclosure, Type 4X

Industry Standards

Mounting brackets required to meet UL/cUL external mounting requirement.

UL 508A Listed; Type 3R, 4, 4X, 12; File No. E61997
cUL Listed per CSA C22.2 No. 94; Type 3R, 4, 4X, 12; File No. E61997

NEMA/EEMAC Type 3R, 4, 4X, 12, 13
IEC 60529, IP66
Meets NEMA Type 3RX requirements

Application

For use in disconnect applications that require larger controls and stylized design features, CONCEPT® Disconnect Enclosures feature two additional quarter-turn latches and a door-alignment device for secure closure and security.

Furnished with Enclosures

1. Door interlock bracket welded to door
2. Door latching system (2-point or 3-point) installed on door
3. Instructions to locate and install disconnect
4. Hardware kit consisting of padlocking door handle, panel mounting nuts, grounding hardware, and sealing washers for mounting holes

Specifications

- 14 gauge Type 304 stainless steel
- Seams continuously welded and ground smooth
- External-formed 90-degree body flange
- Integral door alignment device to properly align door and gasket to body flange
- Holes provided in body for mounting disconnect operating handle and operating mechanism
- Panel mounting studs fit optional CONCEPT panels and other accessories (purchase panels separately)
- Mounting holes in back of body for direct mounting or for optional external mounting brackets
- Stainless steel hidden hinges
- Standard full-access door opening
- Corner-formed doors are interchangeable and easily removable by pulling captive hinge pins
- Provisions on door for optional high-impact thermoplastic data pocket
- Seamless foam-in-place gasket
- Door latching system (2- or 3-point) installed on door and interlocks with the disconnect handle for added safety
- Interlock bracket welded to door
- Unique integrated door handle with tool-to-open feature and padlock option installed on door
- Self-grounding latch system with double seal
- Bonding provision on door; grounding stud on body
- Includes hardware kit (consisting of padlocking door handle, panel mounting nuts, grounding hardware and sealing washers for mounting holes) and instructions for installing disconnects

Finish

Sides and body have smooth #4 brushed finish. Optional mild steel panels are painted white. Handle is die-cast with black textured polyester powder paint.

Accessories

See also Accessories.
Blank Adapter Plates, Stainless Steel
Compact Cooling Fans
Mounting-Bracket Kits
PANELITE™ Enclosure Lights Overview
CONCEPT® Panels
Steel and Stainless Steel Window Kits

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: CWSD

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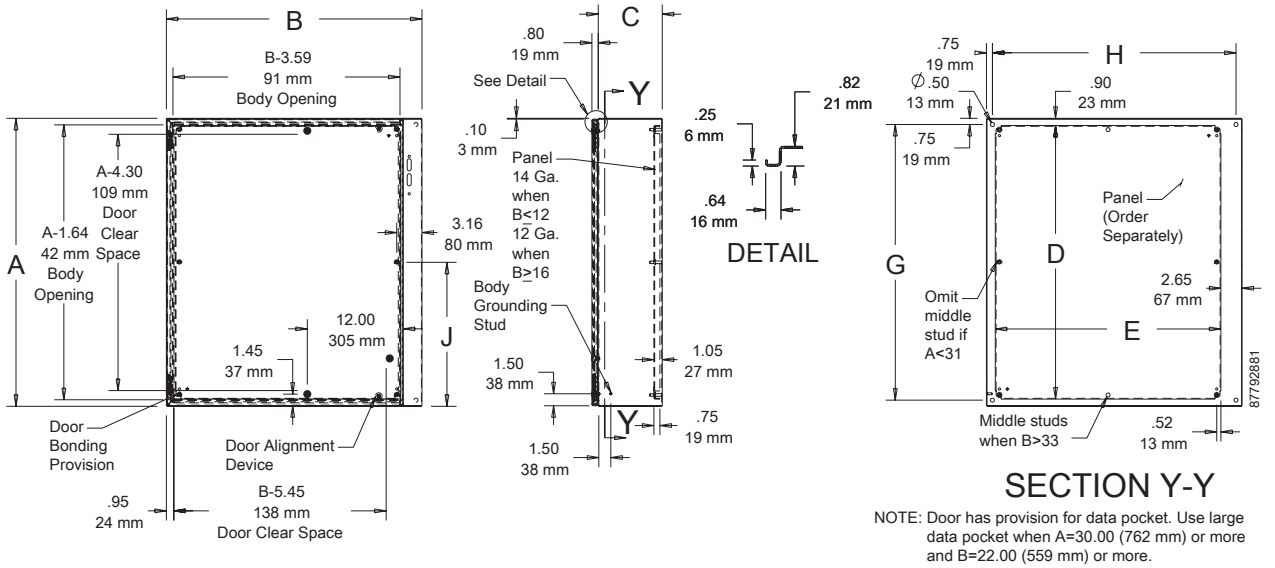
CONCEPT® Wall-Mount Disconnect Enclosures

Standard Product

Catalog Number	AxBxC in.	AxBxC mm	Stainless Steel Type	Door Gauge	Body Gauge	CONCEPT Panel	Conductive Panel	Panel Size D x E (in.)	Panel Size D x E (mm)	Mounting G x H (in.)	Mounting G x H (mm)	Latches Style	J (in.)	J (mm)
CDSC36328SSR	36.00 x 32.00 x 8.00	914 x 813 x 203	304	14	14	CP3630	CP3630G	34.20 x 28.20	869 x 716	34.50 x 30.50	869 x 775	1 - 2-point	6.00	152
CDSC423212SSR	42.00 x 32.00 x 12.00	1067 x 813 x 305	304	14	14	CP4230	CP4230G	40.20 x 28.20	1021 x 716	40.50 x 30.50	1029 x 775	1 - 3-point	21.00	533
CDSC423812SSR	42.00 x 38.00 x 12.00	1067 x 965 x 305	304	14	14	CP4236	CP4236G	40.20 x 34.20	1021 x 869	40.50 x 36.50	1029 x 927	1 - 3-point	21.00	533
CDSC483812SSR	48.00 x 38.00 x 12.00	1219 x 9656 x 305	304	14	14	CP4836	CP4836G	46.20 x 34.20	1173 x 869	46.50 x 36.50	1181 x 927	1 - 3-point	24.00	610
CDSC603812SSR	60.00 x 38.00 x 12.00	1524 x 965 x 305	304	14	14	CP6036	CP6036G	58.20 x 34.20	1478 x 869	58.50 x 36.50	1486 x 927	1 - 3-point	30.00	762

Enclosure doors have 2 quarter-turn latches and a handle with 2- or 3-point latch.

Purchase panels separately. Optional plated CONCEPT panels available. Optional NEMA style and stainless steel panels require conversion kit catalog number CCPM4.



NOTE: Door has provision for data pocket. Use large data pocket when A=30.00 (762 mm) or more and B=22.00 (559 mm) or more.

Disconnect Mounting Space

Disconnects will occupy space on panel shown by dimensions E1, F1 and G1. Wiring space W1 is available when disconnect is installed in the enclosure.

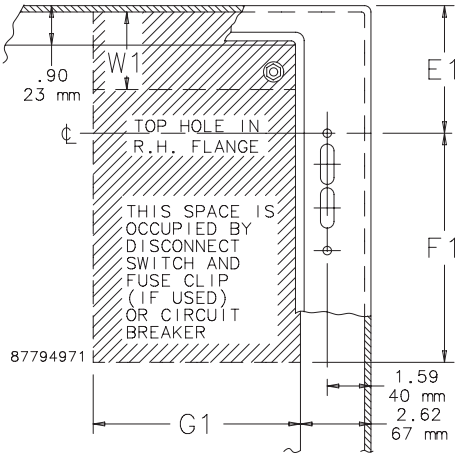
E1 = 4.75 in. (121 mm) when C = 8.00 in. (203 mm)
E1 = 11.62 in. (294 mm) when C = 12.00 in. (305 mm)
W1 = Wiring Space.

See Technical Information for wire bend space.

Refer to ***NATIONAL ELECTRICAL CODE, 2005*** article 430-10(b) for wiring space required for line side conductors to be connected to disconnect.

Verify your application to determine whether wiring space is adequate.

Consult Space Occupied by Disconnect drawing to determine whether the disconnect device you are using will fit the enclosure size you have selected.



Consult disconnect manufacturer or see Disconnect Ordering Information at hoffmanonline.com under Technical Resources for F1 and G1 dimensions of various brands of disconnects.

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Type 4 and 12 Wall-Mount Disconnect Enclosures

Disconnect Enclosure with Clamps, Type 4

Industry Standards

UL 508A Listed; Type 4, 12; File No. E61997
cUL Listed per CSA C22.2 No. 94; Type 4, 12; File No. E61997

NEMA/EEMAC Type 3, 4, 12, 13
CSA File No. 42186: Type 4, 12
IEC 60529, IP66

Application

For disconnect applications in which a clamp-secured door is preferred. Clamps on three sides of the door keep liquid and contaminants out. Preferred cutout accepts major brand disconnect switches and circuit breakers.

Furnished with Enclosures

1. Bracket welded to door for attaching disconnect door catch (interlock)
2. Instructions to locate and install disconnect switches, circuit breakers and operating mechanisms

Specifications

- 14 gauge steel
- Seams continuously welded and ground smooth
- External mounting brackets
- External-formed flange around all sides of enclosure opening
- Stainless steel door clamps on three sides of door
- Removable door with continuous hinge
- Data pocket is high impact thermoplastic
- Type 4 rated door gasket
- Collar studs for mounting optional panels
- Holes in body for mounting disconnect operating handle and operating mechanism
- Bonding provision on door
- Bracket welded to door for attaching disconnect door catch (interlock) and instructions for installing disconnects

Finish

ANSI 61 gray polyester powder coating inside and out.

Accessories

See also Accessories.
Blank Adapter Plates, Mild Steel
Industrial Corrosion Inhibitors
Electric Heater
PANELITE™ Enclosure Lights Overview
Panels for Type 3R, 4, 4X, 12 and 13 Enclosures

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: A19

Standard Product

Catalog Number	AxBxC in./mm	Panel	Conductive Panel	Panel Size D x E in./mm	Data Pocket Size in./mm	Number of Clamps
A24HS2108LP	24.00 x 21.38 x 8.00 610 x 543 x 203	A24P20	A24P20G	21.00 x 17.00 533 x 432	6.00 x 6.00 152 x 152	5
A24HS2508LP	24.00 x 25.38 x 8.00 610 x 645 x 203	A24P24	A24P24G	21.00 x 21.00 533 x 533	6.00 x 6.00 152 x 152	5
A30HS2508LP	30.00 x 25.38 x 8.00 762 x 645 x 203	A30P24	A30P24G	27.00 x 21.00 686 x 533	12.00 x 12.00 305 x 305	5
A36HS2508LP	36.00 x 25.38 x 8.00 914 x 645 x 203	A36P24	A36P24G	33.00 x 21.00 838 x 533	12.00 x 12.00 305 x 305	5
A36HS3108LP	36.00 x 31.38 x 8.00 914 x 797 x 203	A36P30	A36P30G	33.00 x 27.00 838 x 686	12.00 x 12.00 305 x 305	7
A42HS3112LP	42.00 x 31.38 x 12.00 1067 x 797 x 305	A42P30	A42P30G	39.00 x 27.00 991 x 686	6.00 x 6.00 152 x 152	10
A42HS3712LP	42.00 x 37.38 x 12.00 1067 x 949 x 305	A42P36	A42P36G	39.00 x 33.00 991 x 838	12.00 x 12.00 305 x 305	10
A48HS3712LP	48.00 x 37.38 x 12.00 1219 x 949 x 305	A48P36	A48P36G	45.00 x 33.00 1143 x 838	12.00 x 12.00 305 x 305	10
A60HS3712LP	60.00 x 37.38 x 12.00 1524 x 949 x 305	A60P36	A60P36G	57.00 x 33.00 1448 x 838	12.00 x 12.00 305 x 305	11

Purchase panels separately.

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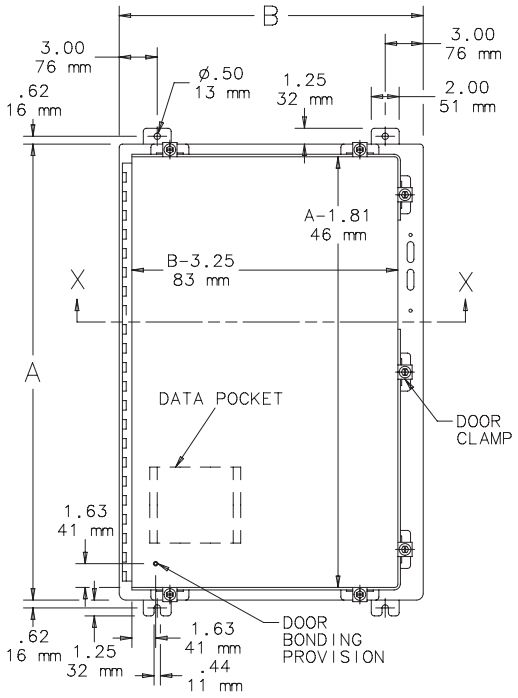
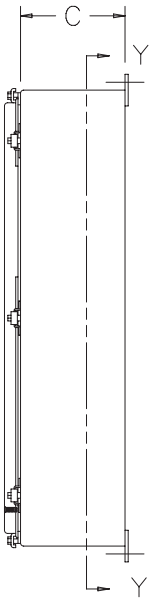
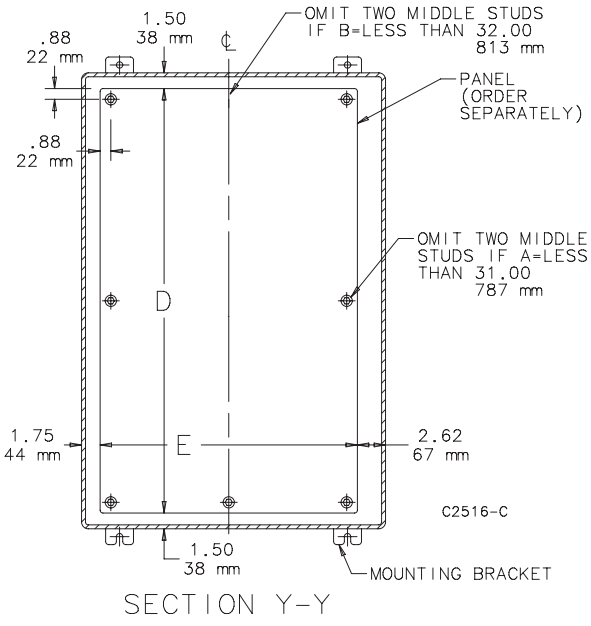
Type 4 and 12 Wall-Mount Disconnect Enclosures

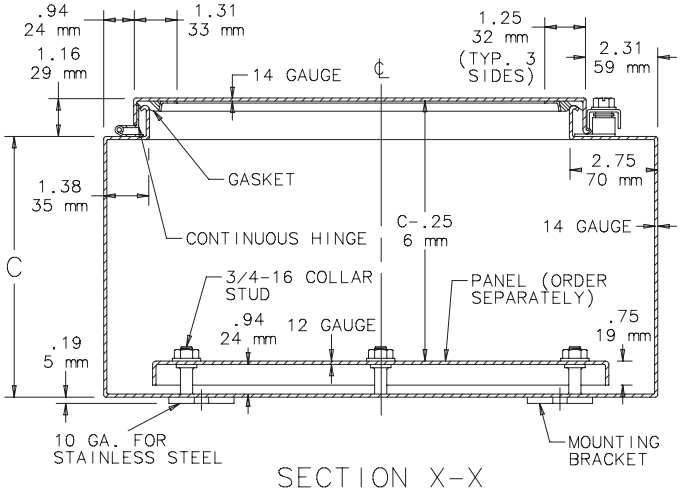






SECTION Y-Y

NOTE: 1. 12 gauge panels have flanges along two sides when the side dimension is more than 21.00 inches (533mm). Panels A24P20 and A24P24 have flanges on four sides.



SECTION X-X

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Type 4 and 12 Wall-Mount Disconnect Enclosures

Disconnect Enclosure with Clamps, Type 4X

Industry Standards

UL 508A Listed; Type 3R, 4, 4X, 12; File No. E61997
cUL Listed per CSA C22.2 No. 94; Type 3R, 4, 4X, 12; File No. E61997

NEMA/EEMAC Type 3, 3R, 4, 4X, 12, 13
CSA File No. 42186: Type 4, 4X, 12
IEC 60529, IP66
Meets NEMA Type 3RX requirements

Application

For disconnect applications in which a clamp-secured door is preferred, this enclosure features clamps on three sides to keep liquids and contaminants from entering and a preferred cutout that accepts major brand disconnect switches and circuit breakers.

Furnished with Enclos ure

1. Bracket welded to door for attaching disconnect door catch (interlock)
2. Instructions to locate and install disconnect switches, circuit breakers and operating mechanisms

Specifications

- 14 gauge Type 304 or Type 316L stainless steel
- Seams continuously welded and ground smooth
- External mounting brackets
- External-formed flange around all sides of enclosure opening
- Stainless steel door clamps on three sides of door
- Door removed by pulling stainless steel continuous hinge pin
- Data pocket is high-impact thermoplastic
- Seamless foam-in-place gasket
- Collar studs provided for mounting optional panels
- Holes provided in body for mounting disconnect operating handle and operating mechanism
- Bonding provision on door; ground stud on body
- All exterior hardware on Type 316L enclosures matches the enclosure material
- Bracket welded to door to attach disconnect door catch (interlock)
- Includes instructions for installing disconnect switches, circuit breakers and operating mechanisms

Finish

Sides and body have smooth #4 brushed finish.

Accessories

See also Accessories.
Blank Adapter Plates, Stainless Steel
Industrial Corrosion Inhibitors
Electric Heater
PANELITE™ Enclosure Lights Overview
Panels for Type 3R, 4, 4X, 12 and 13 Enclosures
Terminal Block Kit Assembly for Type 4, 12 and 13 Enclosures
Steel and Stainless Steel Window Kits

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: A19S

Standard Product

Catalog Number	AxBxC in.	AxBxC mm	Stainless Steel Type	Panel	Conductive Panel	Panel Size D x E (in.)	Panel Size D x E (mm)	Data Pocket Size (in.)	Data Pocket Size (mm)	Number of Clamps
A24HS2108SSLP	24.00 x 21.38 x 8.00	610 x 543 x 203	304	A24P20	A24P20G	21.00 x 17.00	533 x 432	6.00 x 6.00	152 x 152	5
A24HS2108SS6LP	24.00 x 21.38 x 8.00	610 x 543 x 203	316L	A24P20	A24P20G	21.00 x 17.00	533 x 432	6.00 x 6.00	152 x 152	5
A24HS2508SSLP	24.00 x 25.38 x 8.00	610 x 645 x 203	304	A24P24	A24P24G	21.00 x 21.00	533 x 533	6.00 x 6.00	152 x 152	5
A24HS2508SS6LP	24.00 x 25.38 x 8.00	610 x 645 x 203	316L	A24P24	A24P24G	21.00 x 21.00	533 x 533	6.00 x 6.00	152 x 152	5
A30HS2508SSLP	30.00 x 25.38 x 8.00	762 x 645 x 203	304	A30P24	A30P24G	27.00 x 21.00	686 x 533	12.00 x 12.00	305 x 305	5
A30HS2508SS6LP	30.00 x 25.38 x 8.00	762 x 645 x 203	316L	A30P24	A30P24G	27.00 x 21.00	686 x 533	12.00 x 12.00	305 x 305	5
A36HS2508SSLP	36.00 x 25.38 x 8.00	914 x 645 x 203	304	A36P24	A36P24G	33.00 x 21.00	838 x 533	12.00 x 12.00	305 x 305	5
A36HS2508SS6LP	36.00 x 25.38 x 8.00	914 x 645 x 203	316L	A36P24	A36P24G	33.00 x 21.00	838 x 533	12.00 x 12.00	305 x 305	5
A36HS3108SSLP	36.00 x 31.38 x 8.00	914 x 797 x 203	304	A36P30	A36P30G	33.00 x 27.00	838 x 686	12.00 x 12.00	305 x 305	7
A36HS3108SS6LP	36.00 x 31.38 x 8.00	914 x 797 x 203	316L	A36P30	A36P30G	33.00 x 27.00	838 x 686	12.00 x 12.00	305 x 305	7
A42HS3112SSLP	42.00 x 31.38 x 12.00	1067 x 797 x 305	304	A42P30	A42P30G	39.00 x 27.00	991 x 686	12.00 x 12.00	305 x 305	10
A42HS3112SS6LP	42.00 x 31.38 x 12.00	1067 x 797 x 305	316L	A42P30	A42P30G	39.00 x 27.00	991 x 686	12.00 x 12.00	305 x 305	10
A42HS3712SSLP	42.00 x 37.38 x 12.00	1067 x 949 x 305	304	A42P36	A42P36G	39.00 x 33.00	991 x 838	12.00 x 12.00	305 x 305	10
A42HS3712SS6LP	42.00 x 37.38 x 12.00	1067 x 949 x 305	316L	A42P36	A42P36G	39.00 x 33.00	991 x 838	12.00 x 12.00	305 x 305	10
A48HS3712SSLP	48.00 x 37.38 x 12.00	1219 x 949 x 305	304	A48P36	A48P36G	45.00 x 33.00	1143 x 838	12.00 x 12.00	305 x 305	10
A48HS3712SS6LP	48.00 x 37.38 x 12.00	1219 x 949 x 305	316L	A48P36	A48P36G	45.00 x 33.00	1143 x 838	12.00 x 12.00	305 x 305	10
A60HS3712SSLP	60.00 x 37.38 x 12.00	1524 x 949 x 305	304	A60P36	A60P36G	57.00 x 33.00	1448 x 838	12.00 x 12.00	305 x 305	11
A60HS3712SS6LP	60.00 x 37.38 x 12.00	1524 x 949 x 305	316L	A60P36	A60P36G	57.00 x 33.00	1448 x 838	12.00 x 12.00	305 x 305	11

Purchase panels separately. Optional stainless steel, composite or aluminum panels are available for most sizes

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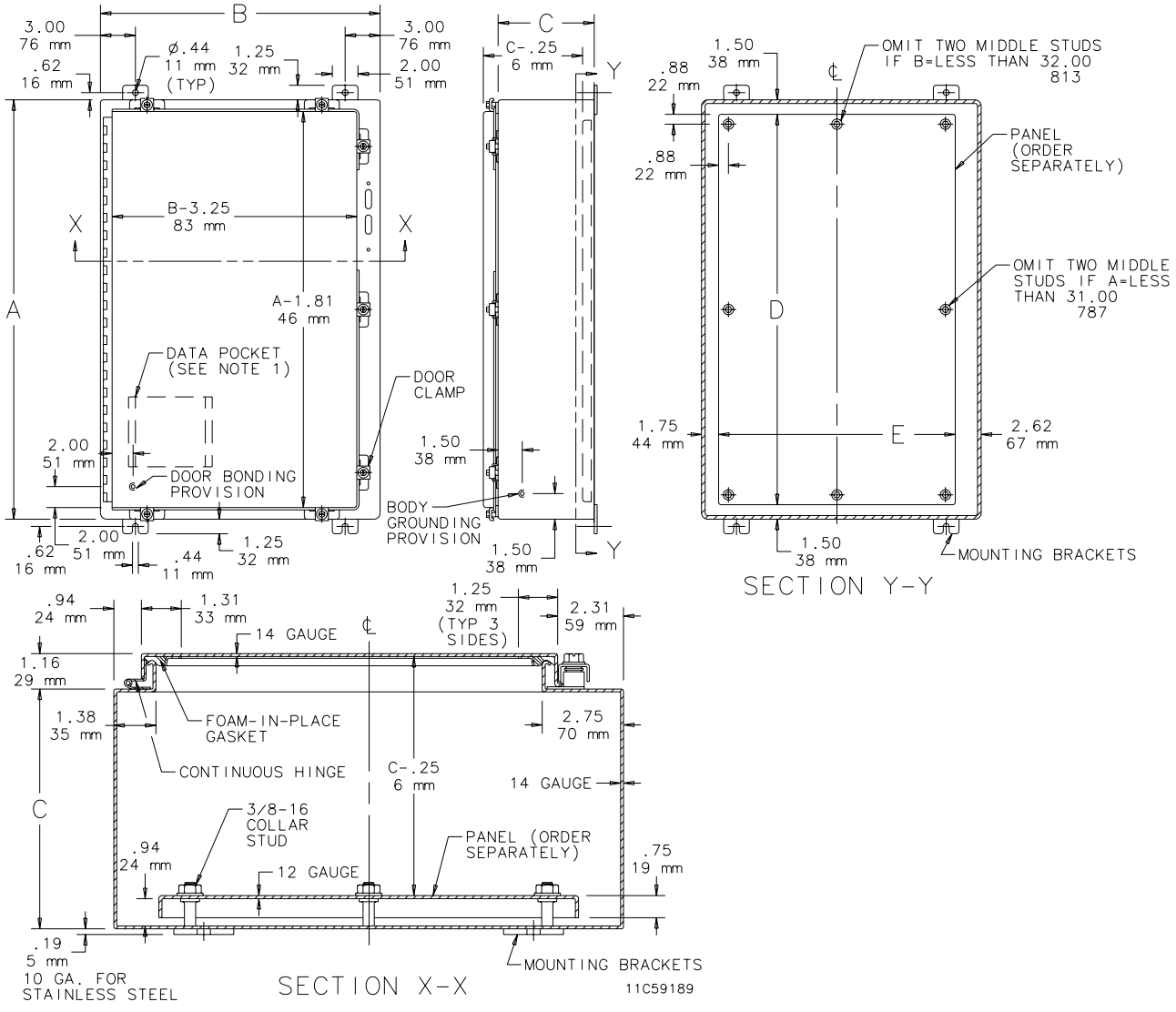
Type 4 and 12 Wall-Mount Disconnect Enclosures



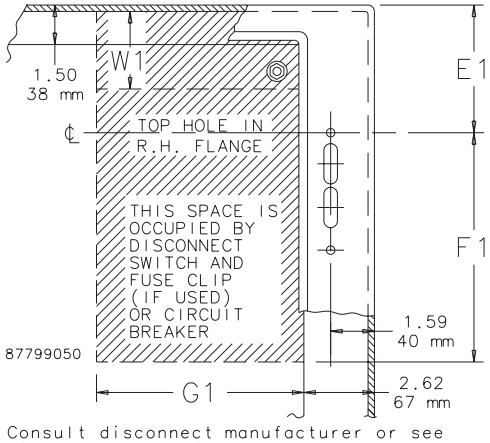
Disconnect Mounting Space

Disconnects will occupy space on panel shown by dimensions E1, F1, and G1. Wiring space W1 is available when disconnect is installed in the enclosure.
E1 = 8.62 in. (219 mm) when C = 8.00 in. (203 mm)
E1 = 11.62 in. (294 mm) when C = 12.00 in. (305 mm)
W1 = Wiring Space

Refer to ***NATIONAL ELECTRICAL CODE, 2005*** article 430-10(b) for wiring space required for line side conductors to be connected to disconnect.

Verify your application to determine whether wiring space is adequate.

Consult Space Occupied by Disconnect drawing to determine whether the disconnect device you are using will fit the enclosure size you have selected.



Consult disconnect manufacturer or see Disconnect Ordering Information at hoffmanonline.com under Technical Resources for F1 and G1 dimensions of various brands of disconnects.

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Fiberglass Disconnect Enclosures

Fiberglass Disconnect, Type 4X

Industry Standards

UL 508A Listed; Type 3, 3R, 4, 4X, 12, 13; File No. E61997
cUL Listed per CSA C22.2 No. 94; Type 3, 3R, 4, 4X, 12, 13; File No. E61997
Enclosure flammability evaluated per UL 508A

NEMA/EEMAC Type 3, 3R, 4, 4X, 12, 13
IEC 60529, IP66
Meets NEMA Type 3RX requirements

Application

For effective and economical disconnect protection in the harshest corrosive environments, these enclosures provide secure door closure through the use of Type 304 stainless steel slotted quarter-turn latches.

Specifications

- Fiberglass-reinforced material has excellent temperature and chemical resistance qualities and exhibits outstanding physical properties
- Seams are sealed; no holes or knockouts
- Seamless foam-in-place gasket assures water-tight and dust-tight seal
- Fiberglass material is easily drilled, filed or sawed
- Hinges are fiberglass-reinforced polyester
- Doors are secured with Type 304 stainless steel slotted quarter-turn latches
- Data pocket is high-impact thermoplastic
- Copper flashed steel collar studs for mounting optional panels and terminal block kits
- Holes provided in body for mounting disconnect operating handle and operating mechanism
- Internal grounding provisions for quarter-turn latches
- Includes bracket affixed to door for attaching disconnect door catch (interlock) and instructions for installing disconnects

Finish

Fiberglass material is light-gray inside and out. Optional steel panels are painted white. Optional stainless steel, aluminum, conductive and composite panels are unpainted.

Accessories

See also Accessories.
Frameless Window Kit
Panels for Type 3R, 4, 4X, 12 and 13 Enclosures
Steel and Stainless Steel Window Kits
Terminal Block Kit Assembly for Type 4, 12 and 13 Enclosures

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: A17WD

Standard Product

Catalog Number	AxBxC in./mm	Panel	Conductive Panel	Panel Size in./mm	Mounting G x H in./mm	Number of Latches
A20HS1610GQRLP	20.19 x 16.25 x 10.00 513 x 413 x 254	A20P16	A20P16G	17.00 x 13.00 432 x 330	21.81 x 10.00 554 x 254	2
A24HS2008GQRLP	24.25 x 20.25 x 8.00 616 x 514 x 203	A24P20	A24P20G	21.00 x 17.00 533 x 432	25.86 x 14.00 657 x 356	2
A24HS2408GQRLP	24.19 x 24.19 x 8.00 614 x 614 x 203	A24P24	A24P24G	21.00 x 21.00 533 x 533	25.81 x 18.00 656 x 457	2
A24HS2412GQRLP	24.19 x 24.19 x 12.00 614 x 614 x 305	A24P24	A24P24G	21.00 x 21.00 533 x 533	25.81 x 18.00 656 x 457	2
A30HS2412GQRLP	30.25 x 24.25 x 12.00 768 x 616 x 305	A30P24	A30P24G	27.00 x 21.00 686 x 533	31.95 x 18.00 812 x 457	2
A36HS3012GQRLP	36.25 x 30.25 x 12.00 921 x 768 x 305	A36P30	A36P30G	33.00 x 27.00 838 x 686	37.58 x 24.00 955 x 610	4
A48HS3612GQRLP	48.25 x 36.25 x 12.00 1226 x 921 x 305	A48P36	A48P36G	45.00 x 33.00 1143 x 838	49.58 x 30.00 1259 x 762	5
A60HS3612GQRLP	60.25 x 36.25 x 12.00 1530 x 921 x 305	A60P36	A60P36G	57.00 x 33.00 1448 x 838	61.58 x 30.00 1564 x 762	5

Purchase panels separately. Optional stainless steel, composite and aluminum panels available for most sizes. See General Accessories.

No additional "C" dimensions available.

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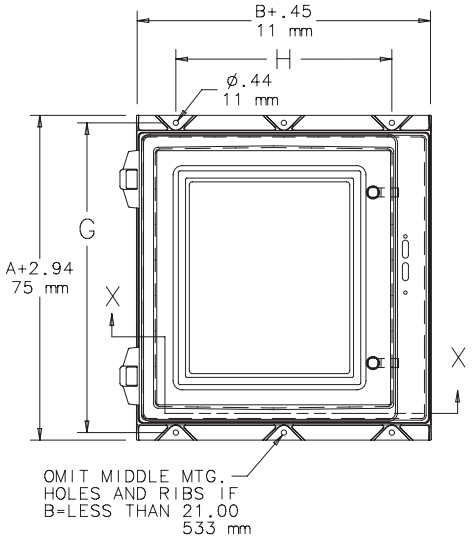
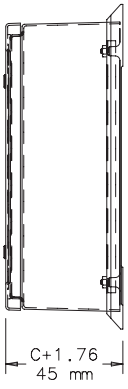
Fiberglass Disconnect Enclosures

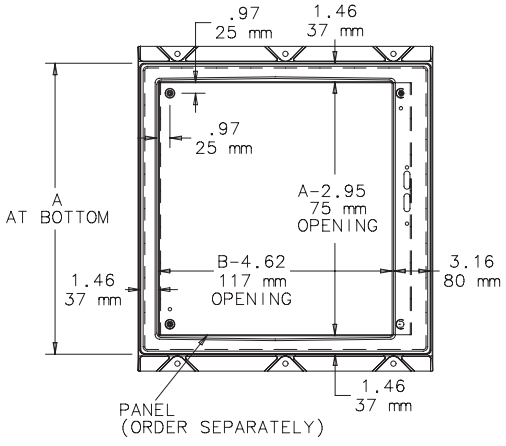
Fiberglass Disconect, Type 4X, 30 x 24 or Smaller Drawing



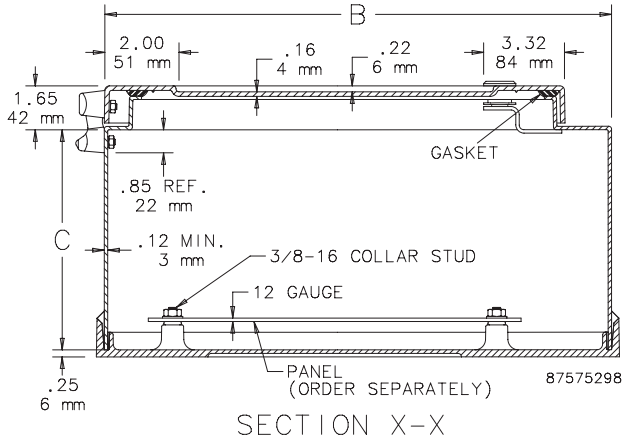
FRONT VIEW WITH DOOR



SIDE VIEW



FRONT VIEW DOOR REMOVED



SECTION X-X

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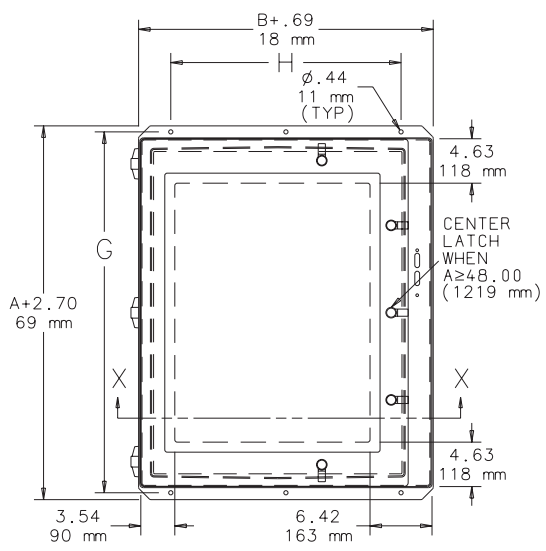
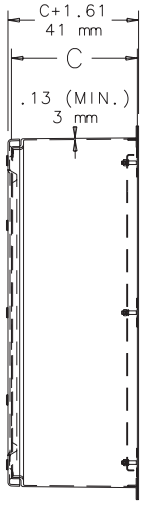
Fiberglass Disconnect Enclosures

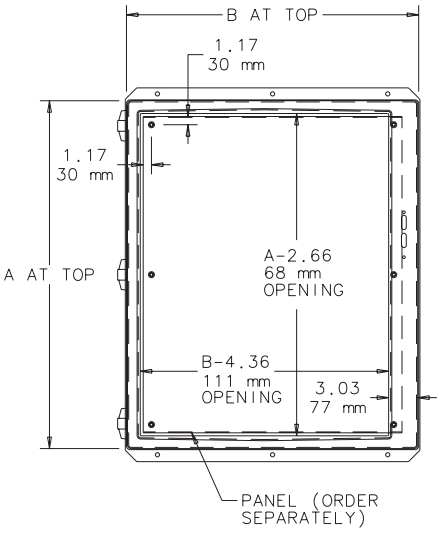
Fiberglass Disconnect, Type 4X, 36 x 30 or Larger Drawing



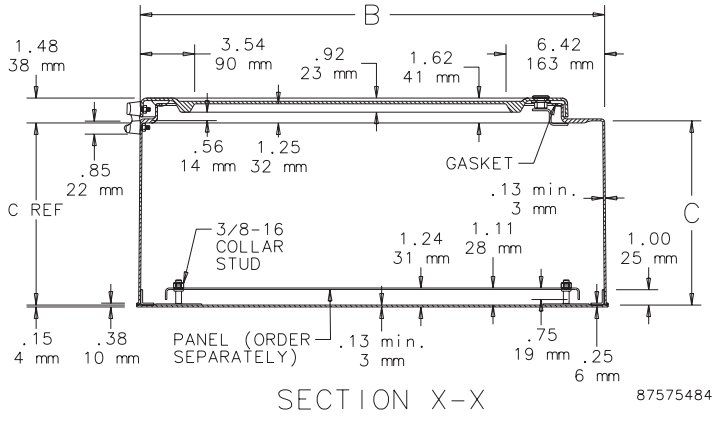
FRONT VIEW WITH DOOR



SIDE VIEW



FRONT VIEW DOOR REMOVED



SECTION X-X

87575484

NOTE:
1. Large data pocket provision when A=30.00 (762mm) or more. Data pocket is furnished but not installed. Large data pocket is 12.00 x 12.00 (305mm x 305mm); small data pocket is 6.00 x 6.00 (152mm x 152mm).
2. Internal grounding provisions on the latch side(s) of the internal body Flange.

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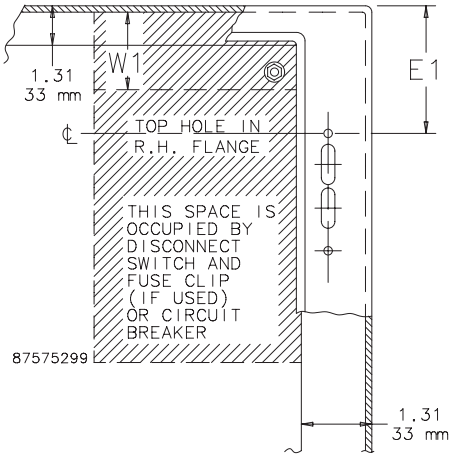
Fiberglass Disconnect Enclosures

Disconnect Mounting Space

Disconnects will occupy space on panel shown in Disconnect Mounting Space Diagram. Wiring space W1 is available when disconnect is installed in the enclosure.
E1 = 8.62 in. (219 mm) when A < 30.00 in. (768 mm) and C = 8.00 in. (203 mm), 10.00 in. (254 mm) or 12.00 in. (305 mm)
E1 = 11.62 in. (295 mm) when A > 30.00 in. (768 mm) and C = 12.00 in. (305 mm)
W1 = Wiring Space.

See Technical Information for wire bend space.
Refer to *National Electrical Code®* 2005 article 430-10(b) for wiring space required for line side conductors to be connected to disconnect.

Verify your application to determine whether wiring space is adequate.



Consult disconnect manufacturer or see Disconnect Ordering Information at hoffmanonline.com under Technical Resources for F1 and G1 dimensions of various brands of disconnects.

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Low-Profile Type 12 Disconnect Enclosures and Accessories

Low-Profile, One- to Five-Door Disconnect Enclosure, Type 12

Industry Standards

UL 508A Listed; Type 12; File No. E61997
cUL Listed per CSA C22.2 No. 94; Type 12; File No. E61997

NEMA/EEMAC Type 12
IEC 60529, IP55

Application

Available in one- to four-door wall-mount and one- to five-door free-stand models, the larger wall-mount sizes accommodate more components and are ideal for applications with limited floor space. Free-stand enclosures are 48- and 60-in. high to provide a clear line of site above the enclosure.

Specifications

- 14, 12 or 10 gauge steel
- Seams continuously welded and ground smooth
- Body stiffeners in larger enclosures for extra rigidity
- Body flange trough excludes liquids and contaminants
- Heavy duty lifting eyes anchor into reinforced top on larger models
- Removable centerposts for easy panel installation
- Heavy gauge continuous hinges
- Heavy duty latch mechanism operated by zinc die-cast padlocking defeater handle on all doors. 2-point latch on enclosures up to 36 in. (914 mm); 3-point latch on enclosures 42 in. (1067 mm) and above.
- Oil-resistant gasket
- Removable 10 gauge steel panels mount on collar studs. Purchase panels separately.
- Master door is far right-hand door on all enclosures
- Defeater on master door requires a screwdriver to open
- Mechanical interlock activated by master door prevents slave doors from being opened first. Doors can be closed in any order.
- Preferred cutout on right flange provides mounting for most disconnect switches and circuit breakers
- Enclosures with three to five doors have three stiffeners on rear of body

Finish

ANSI 61 gray inside and outside over pretreated surfaces. Optional panels have white or conductive finish.

Accessories

See also Accessories.
Electric Heater
INTERSAFE® Data Interface Ports, Type 4/4X/12
PANELITE™ Enclosure Lights Overview
Panels for A26 Low-Profile Type 12 Disconnect Enclosures
Steel and Stainless Steel Window Kits

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: A26M1, A26M2, A26MM

Standard Product **Low Profile Type 12 One-Door Disconnect Enclosures**

Catalog Number	AxBxC in.	AxBxC mm	Description	Body Gauge	Panel	Conductive Panel	Panel Qty.	Lifting Eyes
A30X1E2808	30.00 x 28.25 x 8.00	762 x 718 x 203	Wall-Mount	14	A25P21	A25P21G	1	0
A30X1E2810	30.00 x 28.25 x 10.00	762 x 718 x 254	Wall-Mount	14	A25P21	A25P21G	1	0
A36X1E2808	36.00 x 28.25 x 8.00	914 x 718 x 203	Wall-Mount	14	A31P21	A31P21G	1	0
A36X1E2810	36.00 x 28.25 x 10.00	914 x 718 x 254	Wall-Mount	14	A31P21	A31P21G	1	0
A42X1E2808	42.00 x 28.25 x 8.00	1067 x 718 x 203	Wall-Mount	14	A37P21	A37P21G	1	0
A42X1E2810	42.00 x 28.25 x 10.00	1067 x 718 x 254	Wall-Mount	14	A37P21	A37P21G	1	0
A48X1E4010	48.00 x 40.25 x 10.00	1219 x 1022 x 254	Free-Stand	12	A42P33	A42P33G	1	2
A48X1E4024	48.00 x 40.25 x 24.00	1219 x 1022 x 610	Free-Stand	12	A42P33	A42P33G	1	2
A48X1E4018	48.00 x 40.25 x 18.00	1220 x 1023 x 457	Free-Stand	12	A42P33	A42P33G	1	2
A60X1E4008	60.00 x 40.25 x 8.00	1524 x 1022 x 203	Free-Stand	12	A54P33	A54P33G	1	2
A60X1E4010	60.00 x 40.25 x 10.00	1524 x 1022 x 254	Free-Stand	12	A54P33	A54P33G	1	2
A60X1E4018	60.00 x 40.25 x 18.00	1525 x 1023 x 457	Free-Stand	12	A54P33	A54P33G	1	2
A60X1E4024	60.00 x 40.25 x 24.00	1525 x 1023 x 610	Free-Stand	12	A54P33	A54P33G	1	2

Purchase panels separately.

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Low-Profile Type 12 Disconnect Enclosures and Accessories

Standard Product **Low Profile Type 12 Two-Door Disconnect Enclosures**

Catalog Number	AxBxC in.	AxBxC mm	Description	Body Gauge	Panel	Conductive Panel	Panel Qty.	Body Stiffener	Lifting Eyes
A30X2E5408	30.00 x 54.50 x 8.00	762 x 1384 x 203	Wall-Mount	12	A25P48	A25P48G	1	0	0
A30X2E5410	30.00 x 54.50 x 10.00	762 x 1384 x 254	Wall-Mount	12	A25P48	A25P48G	1	0	0
A36X2E5408	36.00 x 54.50 x 8.00	914 x 1384 x 203	Wall-Mount	12	A31P48	A31P48G	1	0	0
A36X2E5410	36.00 x 54.50 x 10.00	914 x 1384 x 254	Wall-Mount	12	A31P48	A31P48G	1	0	0
A42X2E5408	42.00 x 54.50 x 8.00	1067 x 1384 x 203	Wall-Mount	12	A37P48	A37P48G	1	0	0
A42X2E5410	42.00 x 54.50 x 10.00	1067 x 1384 x 254	Wall-Mount	12	A37P48	A37P48G	1	0	0
A48X2E7808	48.00 x 78.50 x 8.00	1219 x 1994 x 203	Free-Stand	12	A42P72	A42P72G	1	0	2
A48X2E7810	48.00 x 78.50 x 10.00	1219 x 1994 x 254	Free-Stand	12	A42P72	A42P72G	1	0	2
A48X2E7812	48.00 x 78.50 x 12.00	1219 x 1994 x 305	Free-Stand	12	A42P72	A42P72G	1	0	2
A48X2E7818	48.00 x 78.50 x 18.00	1219 x 1994 x 457	Free-Stand	12	A42P72	A42P72G	1	0	2
A48X2E7824	48.00 x 78.50 x 24.00	1219 x 1994 x 610	Free-Stand	12	A42P72	A42P72G	1	0	2
A60X2E7808	60.00 x 78.50 x 8.00	1524 x 1994 x 203	Free-Stand	12	A54P72	A54P72G	1	0	2
A60X2E7810	60.00 x 78.50 x 10.00	1524 x 1994 x 254	Free-Stand	12	A54P72	A54P72G	1	0	2
A60X2E7818	60.00 x 78.50 x 18.00	1524 x 1995 x 457	Free-Stand	12	A54P72	A54P72G	1	0	2
A60X2E7824	60.00 x 78.50 x 24.00	1524 x 1994 x 610	Free-Stand	12	A54P72	A54P72G	1	0	2

Purchase panels separately.

Standard Product **Low Profile Type 12 Three-Door Disconnect Enclosures**

Catalog Number	AxBxC in.	AxBxC mm	Description	Body Gauge	Panel	Conductive Panel	Panel Qty.	Body Stiffener	Lifting Eyes
A30X3E8310	30.00 x 82.25 x 10.00	762 x 2089 x 254	Wall-Mount	12	A25P21, A25P48	A25P21G, A25P48G	1, 1	0	2
A36X3E8310	36.00 x 82.25 x 10.00	914 x 2089 x 254	Wall-Mount	12	A31P21, A31P48	A31P21G, A31P48G	1, 1	0	2
A42X3E8310	42.00 x 82.25 x 10.00	1067 x 2089 x 254	Wall-Mount	12	A37P21, A37P48	A37P21G, A37P48G	1, 1	0	2
A48X3E11910	48.00 x 118.25 x 10.00	1219 x 3004 x 254	Free-Stand	12	A42P33, A42P72	A42P33G, A42P72G	1, 1	3	2
A48X3E11912	48.00 x 118.25 x 12.00	1219 x 3004 x 305	Free-Stand	12	A42P33, A42P72	A42P33G, A42P72G	1, 1	3	2
A48X3E11918	48.00 x 118.25 x 18.00	1219 x 3004 x 457	Free-Stand	12	A42P33, A42P72	A42P33G, A42P72G	1, 1	3	2
A60X3E11910	60.00 x 118.25 x 10.00	1524 x 3004 x 254	Free-Stand	12	A54P33, A54P72	A54P33G, A54P72G	1, 1	3	2
A60X3E11912	60.00 x 118.25 x 12.00	1524 x 3004 x 305	Free-Stand	12	A54P33, A54P72	A54P33G, A54P72G	1, 1	3	2
A60X3E11918	60.00 x 118.25 x 18.00	1524 x 3004 x 457	Free-Stand	12	A54P33, A54P72	A54P33G, A54P72G	1, 1	3	2
A60X3E11924	60.00 x 118.25 x 24.00	1524 x 3004 x 610	Free-Stand	12	A54P33, A54P72	A54P33G, A54P72G	1, 1	3	2

Purchase panels separately.

Standard Product **Low Profile Type 12 Four-Door Disconnect Enclosures**

Catalog Number	AxBxC in.	AxBxC mm	Description	Body Gauge	Panel	Conductive Panel	Panel Qty.	Body Stiffener	Lifting Eyes
A42X4E10810	42.00 x 108.50 x 10.00	1067 x 2756 x 254	Wall-Mount	10	A37P48	A37P48G	2	0	4
A48X4E15710	48.00 x 156.50 x 10.00	1219 x 3975 x 254	Free-Stand	10	A42P72	A42P72G	2	3	4
A48X4E15712	48.00 x 156.50 x 12.00	1219 x 3975 x 305	Free-Stand	10	A42P72	A42P72G	2	3	4
A48X4E15718	48.00 x 156.50 x 18.00	1219 x 3977 x 457	Free-Stand	10	A42P72	A42P72G	2	3	4
A60X4E15710	60.00 x 156.50 x 10.00	1524 x 3975 x 254	Free-Stand	10	A54P72	A54P72G	2	3	4
A60X4E15712	60.00 x 156.50 x 12.00	1524 x 3975 x 305	Free-Stand	10	A54P72	A54P72G	2	3	4
A60X4E15716	60.00 x 156.50 x 16.00	1524 x 3975 x 406	Free-Stand	10	A54P72	A54P72G	2	3	4
A60X4E15718	60.00 x 156.50 x 18.00	1524 x 3975 x 457	Free-Stand	10	A54P72	A54P72G	2	3	4

Purchase panels separately.

Standard Product **Low Profile Type 12 Five-Door Disconnect Enclosures**

Catalog Number	AxBxC in.	AxBxC mm	Description	Body Gauge	Panel	Conductive Panel	Panel Qty.	Body Stiffener	Lifting Eyes
A48X5E19612	48.00 x 196.25 x 12.00	1219 x 4987 x 305	Free-Stand	10	A42P33, A42P72	A42P33G, A42P72G	1, 2	3	4
A48X5E19618	48.00 x 196.25 x 18.00	1219 x 4987 x 457	Free-Stand	10	A42P33, A42P72	A42P33G, A42P72G	1, 2	3	4
A60X5E19610	60.00 x 196.25 x 10.00	1524 x 4987 x 254	Free-Stand	10	A54P33, A54P72	A54P33G, A54P72G	1, 2	3	4
A60X5E19612	60.00 x 196.25 x 12.00	1524 x 4987 x 305	Free-Stand	10	A54P33, A54P72	A54P33G, A54P72G	1, 2	3	4
A60X5E19616	60.00 x 196.25 x 16.00	1524 x 4987 x 406	Free-Stand	10	A54P33, A54P72	A54P33G, A54P72G	1, 2	3	8
A60X5E19618	60.00 x 196.25 x 18.00	1524 x 4987 x 457	Free-Stand	10	A54P33, A54P72	A54P33G, A54P72G	1, 2	3	8

Purchase panels separately.

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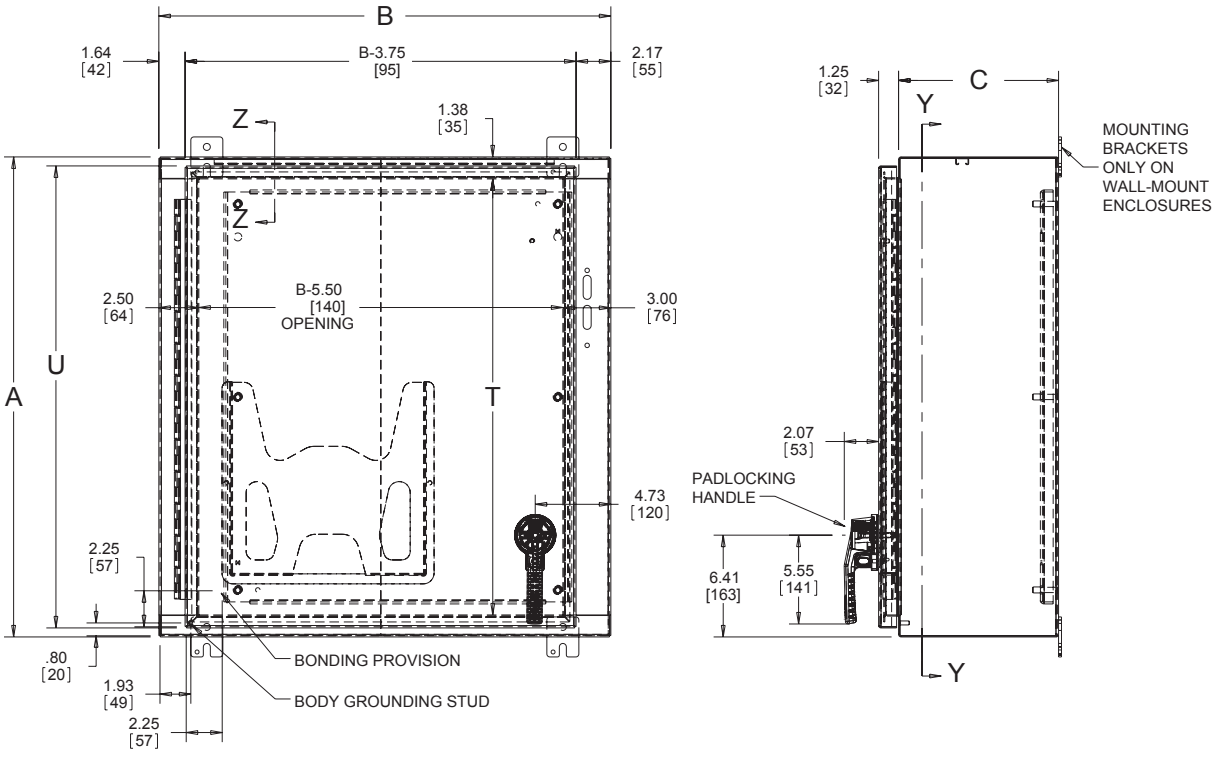
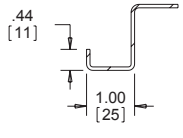
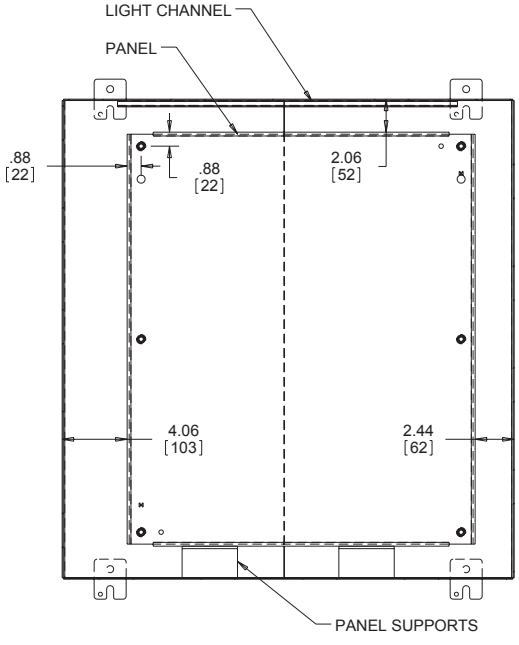
Low-Profile Type 12 Disconnect Enclosures and Accessories

Single-Door Enclosure





SECTION Z-Z



SECTION Y-Y

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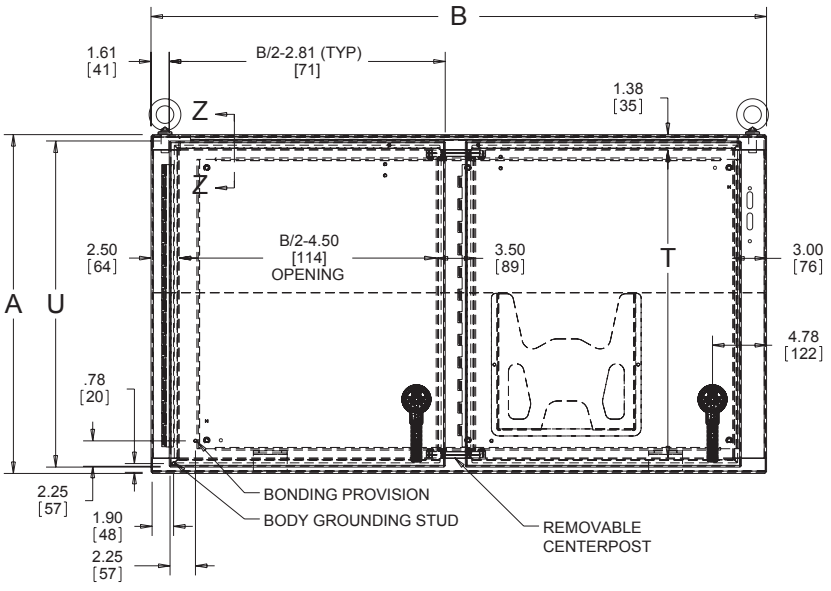
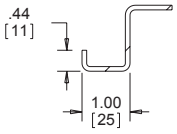
Low-Profile Type 12 Disconnect Enclosures and Accessories

Two-Door Enclosure





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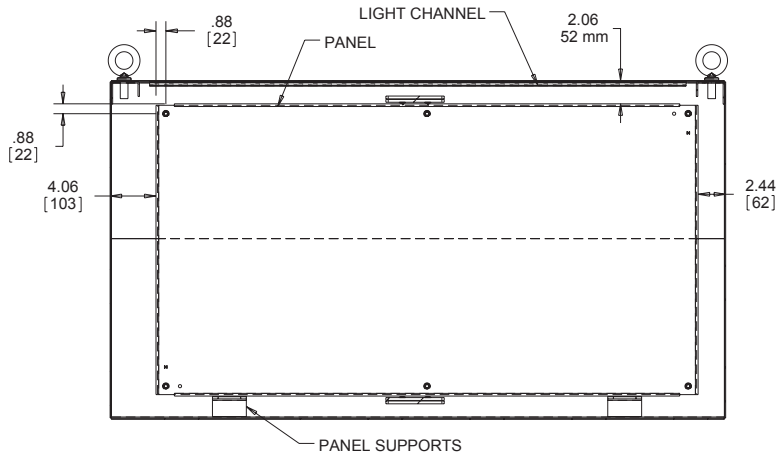

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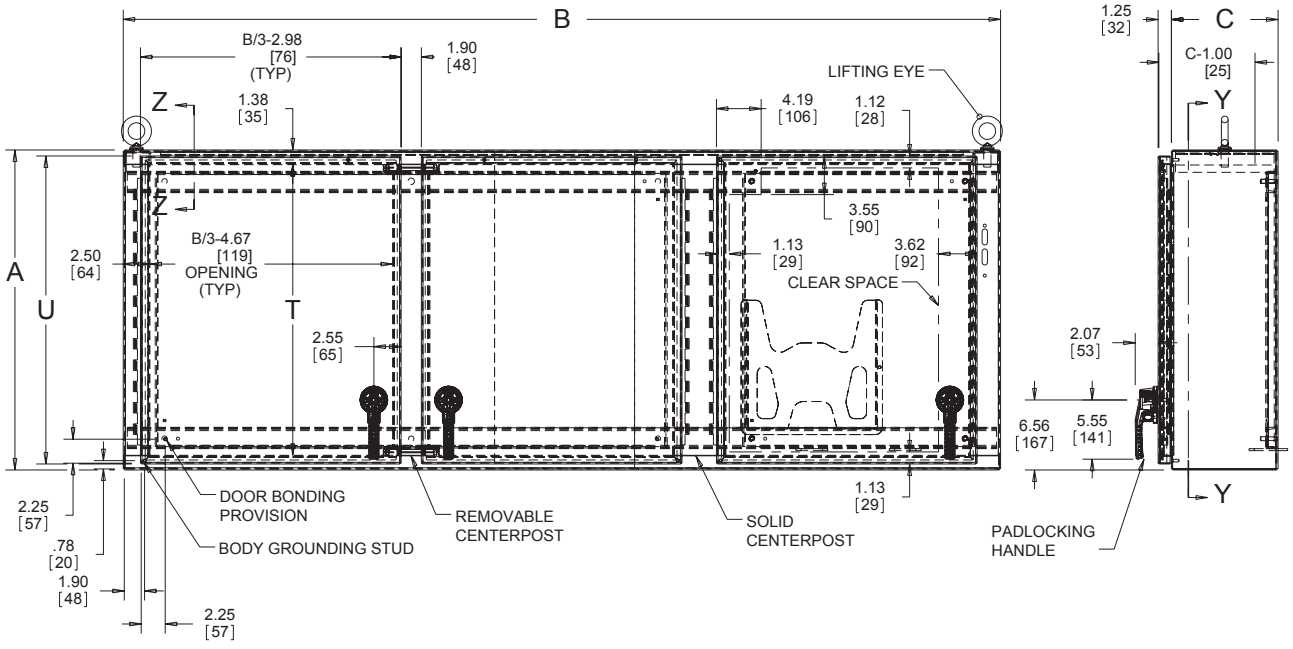
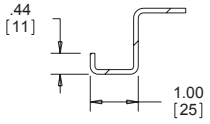
Low-Profile Type 12 Disconnect Enclosures and Accessories

Three-Door Enclosure





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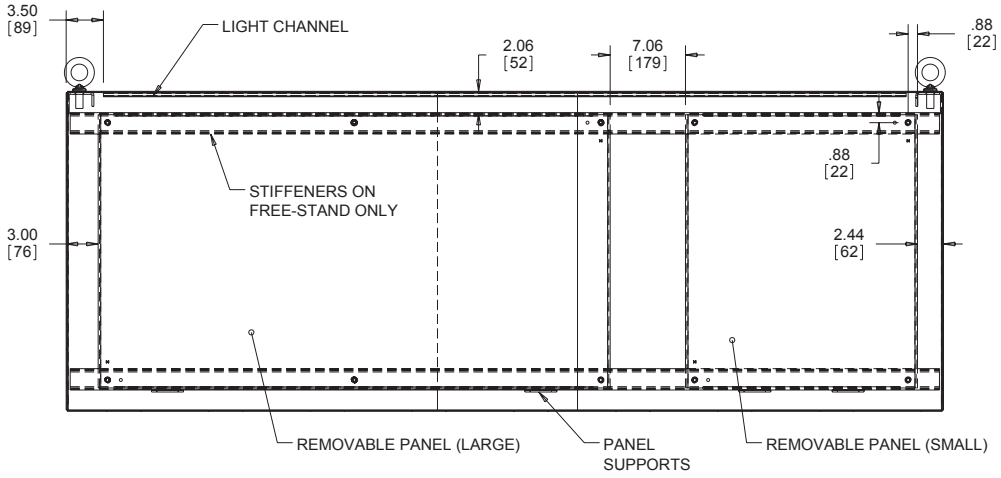

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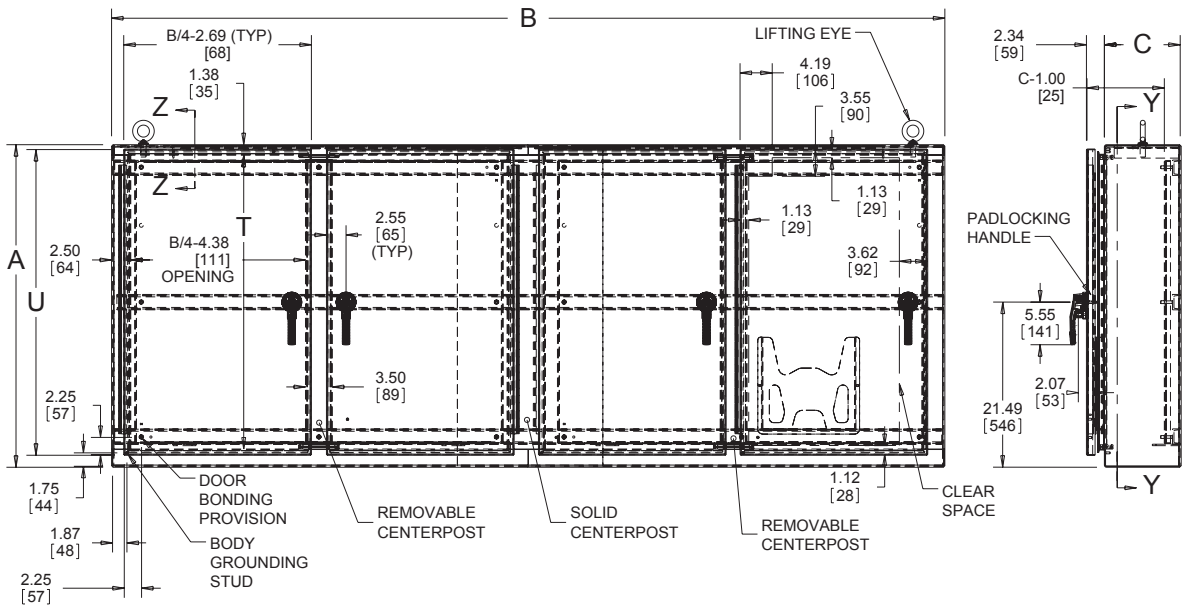
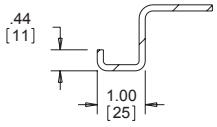
Low-Profile Type 12 Disconnect Enclosures and Accessories

Four-Door Enclosure





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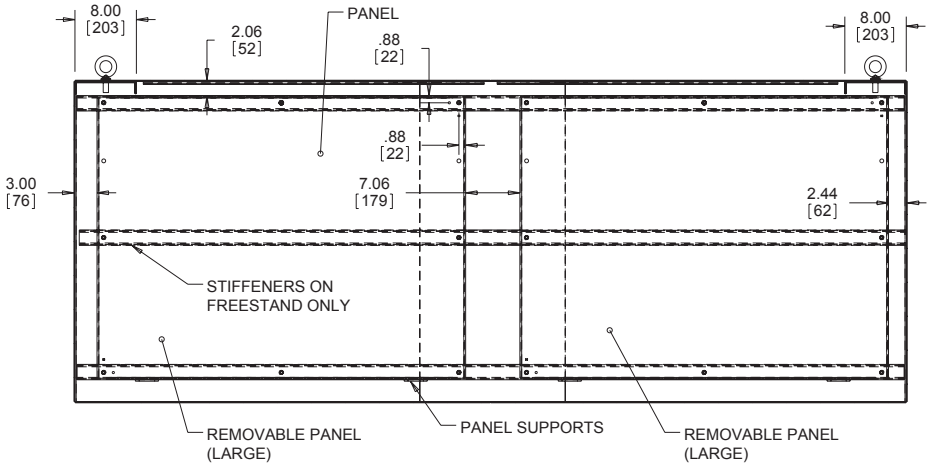

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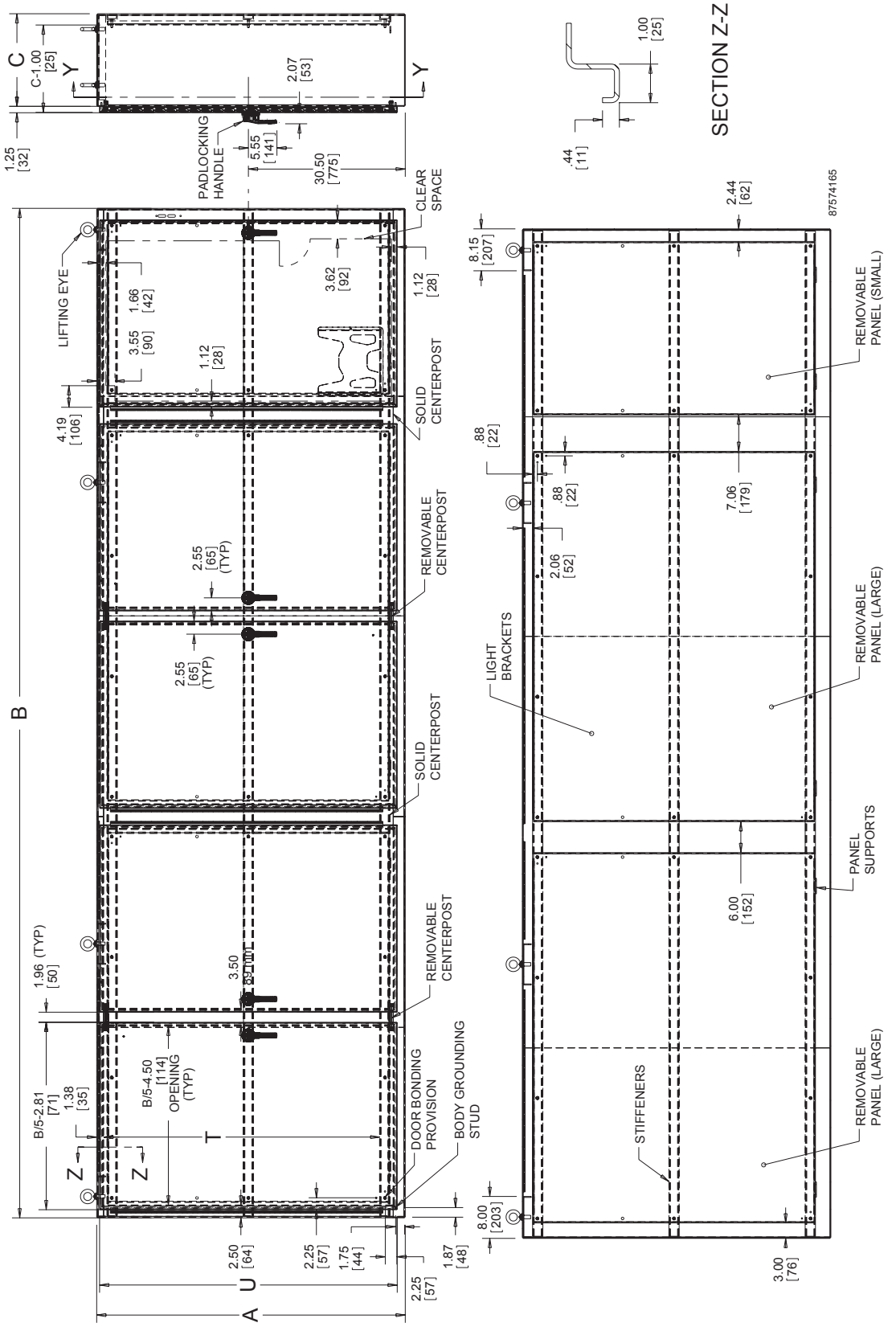
Low-Profile Type 12 Disconnect Enclosures and Accessories

Five-Door Enclosure



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Low-Profile Type 12 Disconnect Enclosures and Accessories

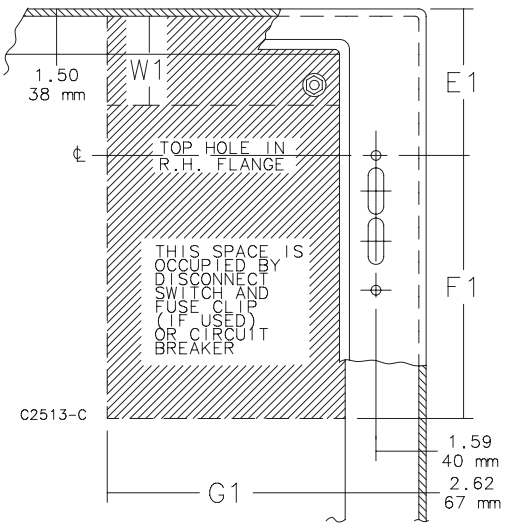
Disconnect Mounting Space

Disconnects will occupy space on panel shown by dimensions E1, F1 and G1 in Disconnect Mounting Space diagram. Wiring space W1 is available when disconnect is installed in the enclosure.
E1 = 4.75 in. (121 mm) when C = 8.00 in. (203 mm)
E1 = 7.09 in. (180 mm) when C =10.00 in. (254 mm)
E1 = 11.62 in. (294 mm) when C = 12.00 in. (305 mm)
E1 = 11.62 in. (294 mm) when C = 16.00 in. (406 mm)
E1 = 18.38 in. (467 mm) for A60SA3812A24LP
W1 = Wiring Space.

See Technical Information for wire bend space.

Refer to ***NATIONAL ELECTRICAL CODE 2005*** article 430.10(B) for wiring space required for line side conductors to be connected to disconnect.

Verify your application to determine if wiring space is adequate.



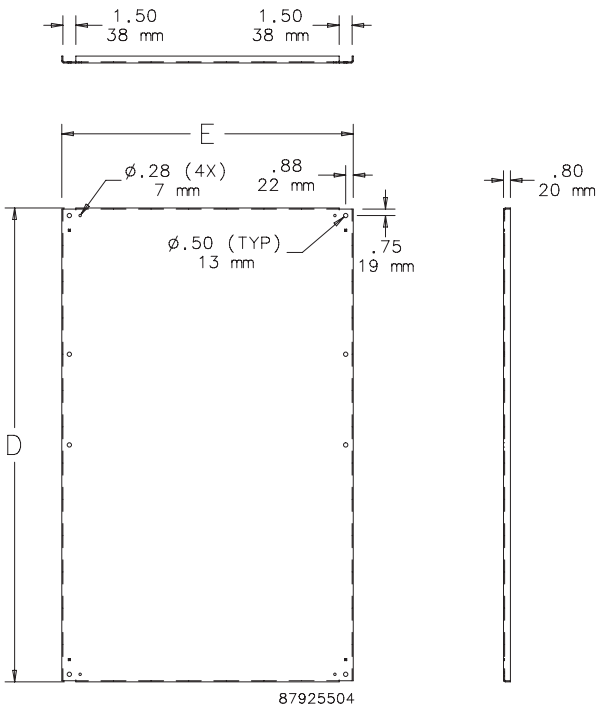
Consult disconnect manufacturer or see Disconnect Ordering Information at hoffmanonline.com under Technical Resources for F1 and G1 dimensions of various brands of disconnects.

Panels for A26 Low-Profile Type 12 Disconnect Enclosures

Optional panels for low-profile Type 12 enclosures (Bulletin A26) are 10 gauge steel. Finish is white polyester powder paint or a conductive, corrosion-resistant coating. Mounting hardware included with enclosure.

Bulletin: A26P

Catalog Number	Finish	Panel Size D x E (in.)	Panel Size D x E (mm)	Fits Bay
A25P21	Painted steel	25.88 x 21.75	657 x 552	1
A31P21	Painted steel	31.88 x 21.75	810 x 552	1
A31P21G	Conductive	31.88 x 21.75	810 x 552	1
A37P21	Painted steel	37.88 x 21.75	962 x 552	1
A37P21G	Conductive	37.88 x 21.75	962 x 552	1
A42P33	Painted steel	42.88 x 33.75	1089 x 857	1
A42P33G	Conductive	42.88 x 33.75	1089 x 857	1
A54P33	Painted steel	54.88 x 33.75	1394 x 857	1
A54P33G	Conductive	54.88 x 33.75	1394 x 857	1
A25P48	Painted steel	25.88 x 48.00	657 x 1219	2
A25P48G	Conductive	25.88 x 48.00	657 x 1219	2
A31P48	Painted steel	31.88 x 48.00	810 x 1219	2
A31P48G	Conductive	31.88 x 48.00	810 x 1219	2
A37P48	Painted steel	37.88 x 48.00	962 x 1219	2
A37P48G	Conductive	37.88 x 48.00	962 x 1219	2
A42P72	Painted steel	42.88 x 72.00	1089 x 1829	2
A42P72G	Conductive	42.88 x 72.00	1089 x 1829	2
A54P72	Painted steel	54.88 x 72.00	1394 x 1829	2
A54P72G	Conductive	54.88 x 72.00	1394 x 1829	2



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Hoffman WATERSHED® Wall-Mount Disconnect Enclosures

WATERSHED® Disconnect Enclosure, Type 4X

Industry Standards

Mounting brackets required to meet UL/cUL external mounting requirement.

UL 508A Listed; Type 4, 4X, 12; File Number E61997
cUL Listed per CSA C22.2 No. 94; Type 4, 4X, 12; File No. E61997

NSF 169
NEMA/EEMAC Type 4, 4X, 12
IEC 60529, IP66
Meets NEMA Type 3RX requirements

Application

Specifically designed for disconnect applications in sanitary washdown production environments, such as food and beverage manufacturing. Hoffman WATERSHED® Disconnect Enclosures feature a sloped top, sloped door edges, bullet-style hinges and additional unique features that facilitate washdown runoff.

Specifications

- 14 gauge Type 304 stainless steel
- Seams continuously welded and ground smooth
- Smooth Type 304 stainless steel lift-off bullet-style hinges
- Hinges are shielded by door edges
- Hinged side of door has provisions to allow direct flushing of hinge area
- 20-degree sloped top
- 170-degree door opening
- Door edges are sloped 20 degrees at top and bottom
- Slanted flange trough collar along the top edge of the enclosure opening
- Stainless steel quarter-turn latches with flush slotted insert
- Seamless foam-in-place gasket
- Self-grounding latch system
- Bonding provision on door; grounding stud on body
- Panel studs fit optional NEMA size panels
- Preferred cutout on right flange provides mounting for most disconnect operators
- Mounting holes in back of body for direct mounting or for optional stand-off kit or external mounting brackets
- Furnished hardware kit consists of panel mounting nuts, grounding hardware and sealing washers for wall-mounting holes

Finish

Sides, top, bottom and door have a #4 brushed finish.

Accessories

See also Accessories.
Mounting Bracket Kit
Panels for Type 3R, 4, 4X, 12 and 13 Enclosures
Stand-Off Kit
Padlocking Handle Kit
Padlocking Latch Kit

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: WS1D

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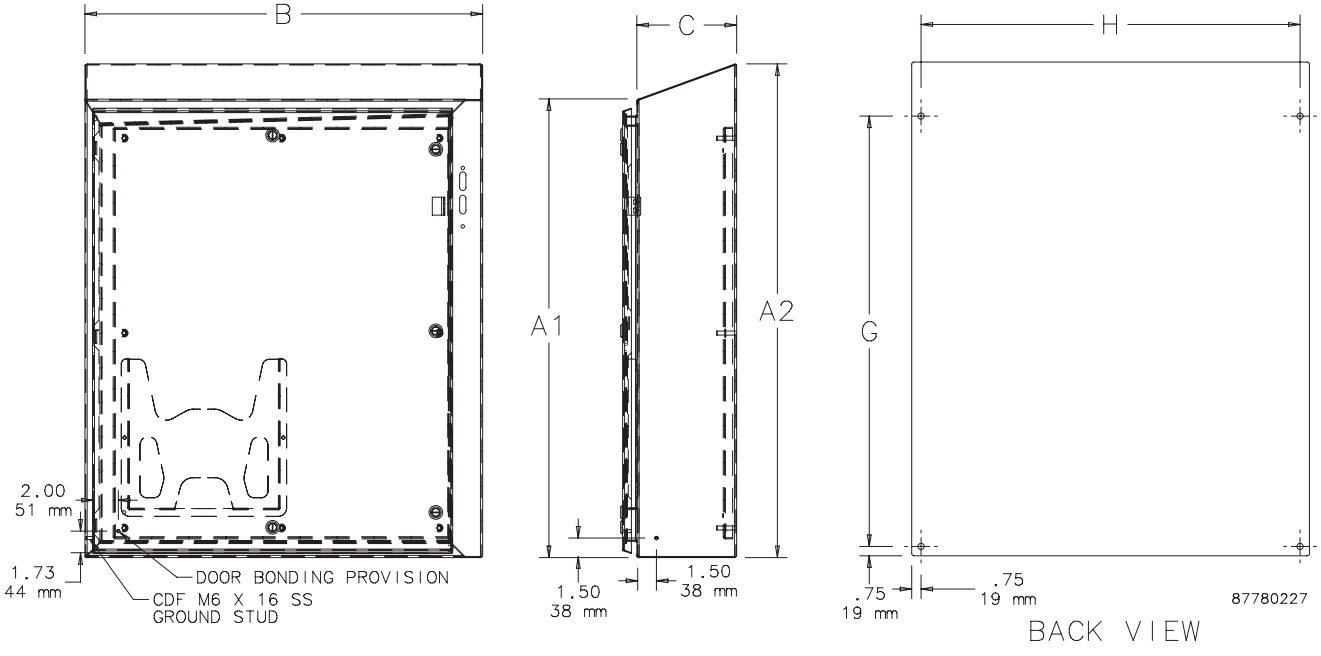
Hoffman WATERSHED® Wall-Mount Disconnect Enclosures

Standard Product

Catalog Number	AxBxC in./mm	A1 in./mm	A2 in./mm	B in./mm	C in./mm	G in./mm	H in./mm	Latch Qty.	Panel	Conductive Panel
WS24HS2508SS	24.00 x 25.00 x 8.00	24.53	27.44	25.89	8.00	22.50	24.39	4	A24P24	A24P24G
	610 x 635 x 203	623	697	658	203	572	620			
WS30HS2508SS	30.00 x 25.00 x 8.00	30.53	33.44	25.89	8.00	28.50	24.39	4	A30P24	A30P24G
	762 x 635 x 203	775	849	658	203	724	610			
WS36HS3108SS	36.00 x 31.00 x 8.00	36.70	39.58	31.89	8.00	34.50	30.39	5	A36P30	A36P30G
	914 x 787 x 203	932	1005	810	203	876	772			
WS48HS3716SS	48.00 x 37.00 x 16.00	48.86	54.66	37.89	16.00	46.50	36.39	5	A48P36	A48P36G
	1219 x 940 x 406	1241	1388	962	406	1181	924			
WS60HS3716SS	60.00 x 37.00 x 16.00	60.87	66.66	37.89	16.00	58.50	36.39	5	A60P36	A60P36G
	1524 x 940 x 406	1546	1693	962	406	1486	924			

Purchase panels separately. Optional Stainless steel, composite and aluminum panels available for most sizes.

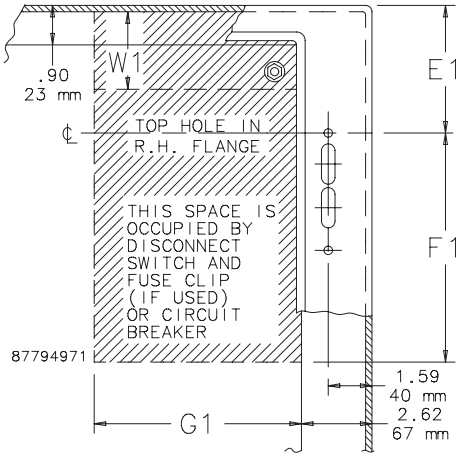


Disconnect Mounting Space

Disconnects will occupy space on panel shown by dimensions E1, F1 and G1 in diagram. Wiring space W1 is available when disconnect is installed in the enclosure.
E1 = 4.75 in. (121 mm) when C = 8.00 in. (203 mm)
E1 = 11.62 in. (294 mm) when C = 16.00 in. (406 mm)
W1 = Wiring space.

See Technical Information for wire bend space.
Refer to *National Electrical Code®*, 2005 article 430-10(B) for wiring space required for line side conductors to be connected to disconnect.

Verify your application to determine if wiring space is adequate.



Consult disconnect manufacturer or see Disconnect Ordering Information at hoffmanonline.com under Technical Resources for F1 and G1 dimensions of various brands of disconnects.

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Hoffman WATERSHED® Wall-Mount Disconnect Enclosures

Mounting Bracket Kit

Type 304 stainless steel brackets are field-installable. Brackets maintain Type 4X rating. All hardware is included. Four brackets per kit.

Top brackets must be mounted to the sides of enclosure.

Bulletin: A80

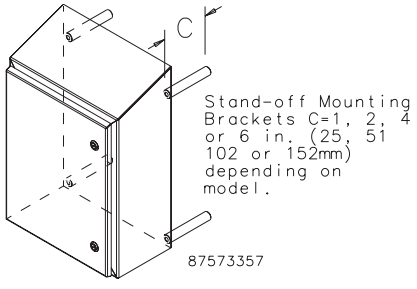
Catalog Number	Description
CMFKSS	Type 304 stainless steel mounting bracket kit

Stand-Off Kit

Stand-offs provide space between wall-mount enclosure and wall for better washdown accessibility. Maintains Type 4X rating. Sealing washers included. Four stand-offs per kit.

Bulletin: WSY

Catalog Number	C (in.)	C (mm)
WSS0K1SS	1.00	25
WSS0K2SS	2.00	51
WSS0K4SS	4.00	102
WSS0K6SS	6.00	152



Padlocking Handle Kit

Type 304 stainless steel padlocking handle for use on Hoffman WATERSHED® Wall-Mount Enclosures. Maintains Type 4X rating.

Bulletin: WSY

Catalog Number	Description
WSHPL	Stainless Steel Padlocking Handle

Padlocking Latch Kit

Type 304 stainless steel padlocking latch for use on Hoffman WATERSHED® Wall-Mount Enclosures. Maintains Type 4X rating.

Bulletin: WSY

Catalog Number	Description
WSLPL	Padlocking Latch Kit

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Hoffman WATERSHED® Wall-Mount Disconnect Enclosures

Notes

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Wall-Mount Fixed-Depth AB Cutout Overview

Fixed-Depth Allen-Bradley Cutout Overview

Application

Enclosures having the "Allen-Bradley" cutout are ONLY compatible with fixed-depth Allen-Bradley devices up to 1494F Series C. This cutout is ONLY found on A22 Enclosures and on adapter plates in the A21ABA Adapter Kit.

Ordering

The disconnect switch, operating handle, and operating mechanism must be ordered separately. See Technical Information in the Hoffman Specifier's Guide for wire bend space available, or Disconnect Ordering Information at hoffmanonline.com for disconnect ordering guidelines and wire bend space available. Check the enclosure dimension drawings to make sure the chosen disconnect switch will fit in the enclosure.

A complete assembly consists of:

1. An enclosure
2. Guide bracket(s) and door catch welded to door
3. Locking bar(s) for door hardware
4. Spacers and screws to support disconnect to panel
5. Instructions to locate and install disconnects

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Allen-Bradley® 1494 Cutout Disconnect Enclosure, Type 12

Industry Standards

UL 508A Listed; Type 12, 13; File No. E61997
cUL Listed per CSA C22.2 No. 94; Type 12, 13; File No. E61997

NEMA/EEMAC Type 12, 13
CSA File No. 42186: Type 12
IEC 60529, IP65

Application

These enclosures house Allen-Bradley® Bulletin 1494F flange-mount disconnect switches and Bulletin 1494D flange-mount operators for circuit breakers.

Furnished with Enclosure

1. Guide bracket(s) and door catch welded to door
2. Locking bar(s) for door hardware
3. Spacers and screws to support disconnect to panel
4. Instructions to locate and install disconnects

Specifications

- 14 gauge steel
- Seams continuously welded and ground smooth
- External mounting brackets
- External-formed flange around all sides of enclosure opening
- Removable door with continuous hinge
- Type 12 rated door gasket
- Collar studs provided for mounting optional panels
- Holes provided in body and door for mounting disconnect switch, operating mechanism and door hardware
- Data pocket is high impact thermoplastic
- Guide bracket(s) and door catch welded to door
- Includes locking bar(s) for door hardware, spacers and screws to support disconnect panel, and instructions for installing disconnects

Finish

White inside with ANSI 61 gray outside finish.

Accessories

See also Accessories.
Blank Adapter Plates, Mild Steel
Electric Heater
Compact Cooling Fans
PANELITE™ Enclosure Lights Overview
Panels for Type 3R, 4, 4X, 12 and 13 Enclosures
Steel and Stainless Steel Window Kits

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: A22

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Type 12, 13 Fixed-Depth AB Disconnects

Standard Product

Catalog Number	AxBxC in./mm	Panel	Conductive Panel	Panel Size D x E in./mm	Data Pocket Size in./mm
A20AB2208LP	20.00 x 21.38 x 8.00 508 x 543 x 203	A20P20	A20P20G	17.00 x 17.00 432 x 432	6.00 x 6.00 152 x 152
A24AB2208LP	24.00 x 21.38 x 8.00 610 x 543 x 203	A24P20	A24P20G	21.00 x 17.00 533 x 432	6.00 x 6.00 152 x 152
A24AB2608LP	24.00 x 25.38 x 8.00 610 x 645 x 203	A24P24	A24P24G	21.00 x 21.00 533 x 533	6.00 x 6.00 152 x 152
A30AB2208LP	30.00 x 21.38 x 8.00 762 x 543 x 203	A30P20	A30P20G	27.00 x 17.00 686 x 432	6.00 x 6.00 152 x 152
A36AB2608LP	36.00 x 25.38 x 8.00 914 x 645 x 203	A36P24	A36P24G	33.00 x 21.00 838 x 533	12.00 x 12.00 305 x 305
A24AB2210LP	24.00 x 21.38 x 10.00 610 x 543 x 254	A24P20	A24P20G	21.00 x 17.00 533 x 432	6.00 x 6.00 152 x 152
A24AB2610LP	24.00 x 25.38 x 10.00 610 x 645 x 254	A24P24	A24P24G	21.00 x 21.00 533 x 533	6.00 x 6.00 152 x 152
A30AB2210LP	30.00 x 21.38 x 10.00 762 x 543 x 254	A30P20	A30P20G	27.00 x 17.00 686 x 432	6.00 x 6.00 152 x 152
A30AB2610LP	30.00 x 25.38 x 10.00 762 x 645 x 254	A30P24	A30P24G	27.00 x 21.00 686 x 533	12.00 x 12.00 305 x 305
A36AB2610LP	36.00 x 25.38 x 10.00 914 x 645 x 254	A36P24	A36P24G	33.00 x 21.00 838 x 533	12.00 x 12.00 305 x 305
A36AB3210LP	36.00 x 31.38 x 10.00 914 x 797 x 254	A36P30	A36P30G	33.00 x 27.00 838 x 686	12.00 x 12.00 305 x 305
A42AB3210LP	42.00 x 31.38 x 10.00 1067 x 797 x 254	A42P30	A42P30G	39.00 x 27.00 991 x 686	6.00 x 6.00 152 x 152
A42AB3810LP	42.00 x 37.38 x 10.00 1067 x 949 x 254	A42P36	A42P36G	39.00 x 33.00 991 x 838	12.00 x 12.00 305 x 305
A48AB3810LP	48.00 x 37.38 x 10.00 1219 x 949 x 254	A48P36	A48P36G	45.00 x 33.00 1143 x 838	12.00 x 12.00 305 x 305
A60AB3810LP	60.00 x 37.38 x 10.00 1524 x 949 x 254	A60P36	A60P36G	57.00 x 33.00 1448 x 838	12.00 x 12.00 305 x 305
A36AB3212LP	36.00 x 31.38 x 12.00 914 x 797 x 305	A36P30	A36P30G	33.00 x 27.00 838 x 686	12.00 x 12.00 305 x 305
A42AB3212LP	42.00 x 31.38 x 12.00 1067 x 797 x 305	A42P30	A42P30G	39.00 x 27.00 991 x 686	6.00 x 6.00 152 x 152
A42AB3812LP	42.00 x 37.38 x 12.00 1067 x 949 x 305	A42P36	A42P36G	39.00 x 33.00 991 x 838	12.00 x 12.00 305 x 305
A48AB3812LP	48.00 x 37.38 x 12.00 1219 x 949 x 305	A48P36	A48P36G	45.00 x 33.00 1143 x 838	12.00 x 12.00 305 x 305
A60AB3812LP	60.00 x 37.38 x 12.00 1524 x 949 x 305	A60P36	A60P36G	57.00 x 33.00 1448 x 838	12.00 x 12.00 305 x 305
A48AB3816LP	48.00 x 37.38 x 16.00 1219 x 949 x 406	A48P36	A48P36G	45.00 x 33.00 1143 x 838	12.00 x 12.00 305 x 305
A60AB3816LP	60.00 x 37.38 x 16.00 1524 x 949 x 406	A60P36	A60P36G	57.00 x 33.00 1448 x 838	12.00 x 12.00 305 x 305

Purchase panels separately.

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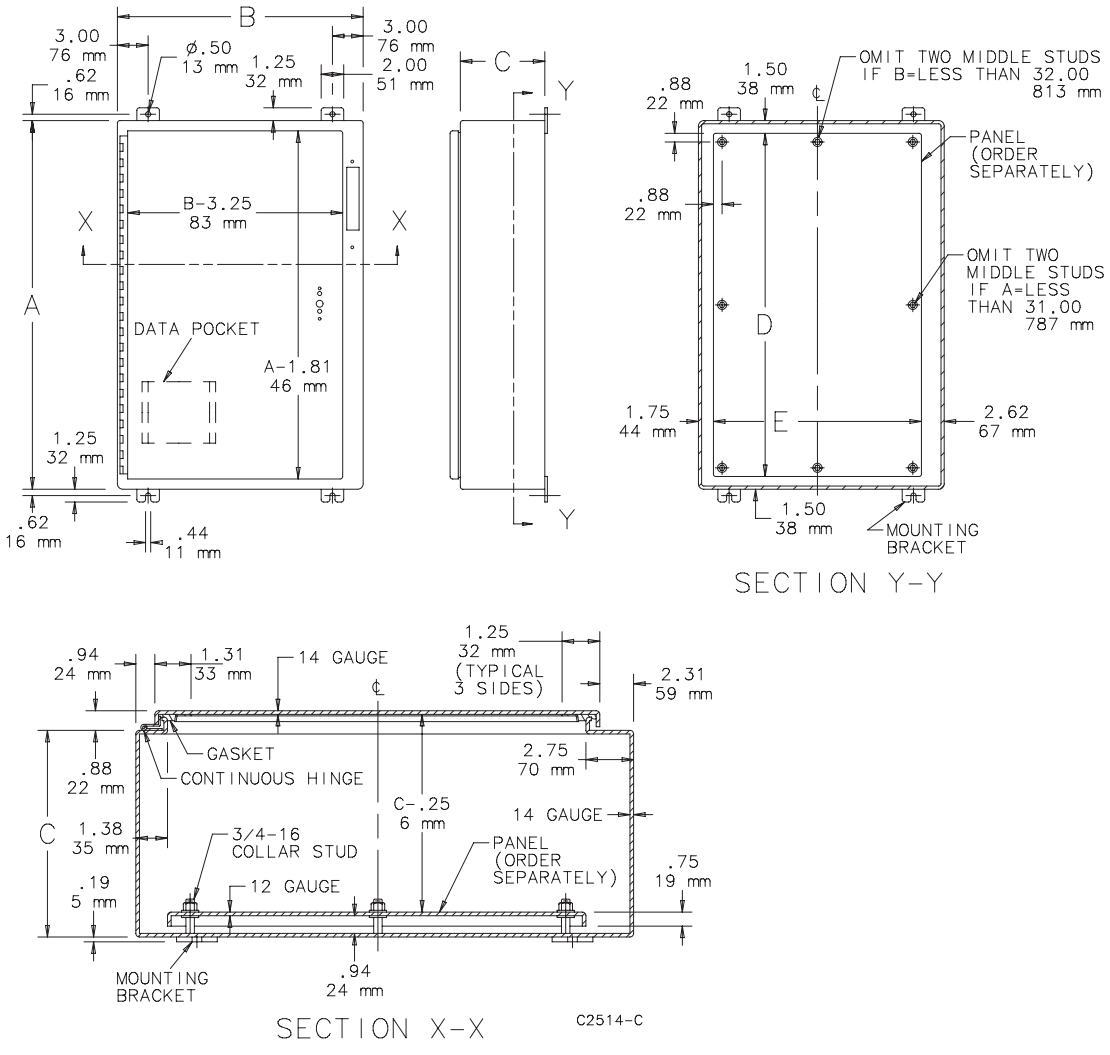
Type 12, 13 Fixed-Depth AB Disconnects



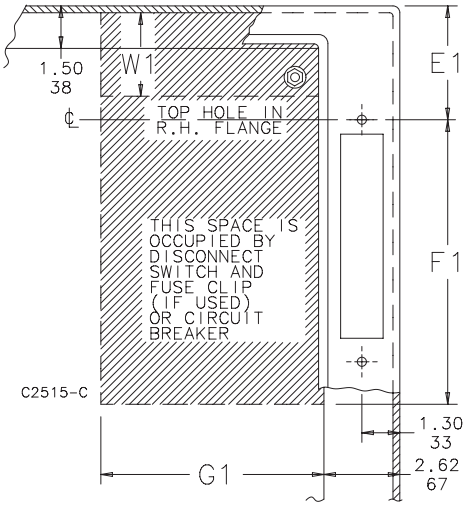
Disconnect Mounting Space

Disconnects will occupy space on panel shown by dimensions E1, F1 and G1. Wiring space W1 is available when disconnect is installed in the enclosure.
E1 = 6.75 in. (171 mm) when C = 10.00 in. (254 mm)
E1 = 9.50 in. (241 mm) when C = 12.00 in. (305 mm) except enclosures for 200 A switches)
E1 = 9.50 in. (241 mm) when C = 16.00 in. (406 mm)
W1 = Wiring Space

Refer to ***NATIONAL ELECTRICAL CODE, 2005*** article 430-10(b) for wiring space required for line side conductors to be connected to disconnect.

Verify your application to determine if wiring space is adequate.

Consult Space Occupied by Disconnect drawing to determine whether the disconnect device you are using will fit the enclosure size you have selected.



Consult disconnect manufacturer or see Disconnect Ordering Information at hoffmanonline.com under Technical Resources for F1 and G1 dimensions of various brands of disconnects.

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Free-Stand Preferred-Cutout Disconnect Overview

Preferred-Cutout Overview

Application

Enclosures having the preferred cutout are sized for use with up to 200A disconnect switches and up to 400A circuit breakers unless otherwise specified. The preferred cutout accepts the smaller operating handle whose mounting hole centers are 4.688 in. apart. Preferred cutouts are standard in mild steel wall-mount enclosures, modular enclosures and some select large mild steel enclosures. They are also present on all standard stainless steel offerings.
Operator adapter for preferred cutouts must be ordered separately to be used with A21S, A28S4 and A4S enclosures.

Preferred cutouts are designed to house the following:

Allen-Bradley
- Bulletin 1494V disconnect switches with flange-mount variable-depth operating mechanisms and Bulletin 1494V flange-mount variable-depth operating mechanisms for circuit breakers
- Bulletin 140U flexible cable operating mechanisms for 140U molded case circuit breakers
- Bulletin 1494C cable-operated disconnect switches with flange-mount handles
- Bulletin 194RC cable-operated flange-mount handles for use with the NFPA 79 compliant 194R IEC rotary disconnect switches

Allen-Bradley Bulletin 1494V-R1, -R2 and -W2 operating handles and Allen-Bradley Bulletin 1494F disconnect devices or Bulletin 1494D circuit breaker operators will NOT fit these enclosures.

ABB Controls flange-mount variable-depth operating mechanisms for disconnect switches and circuit breakers. Also the cable version for circuit breakers.

Eaton Cutler-Hammer Type C361 flange-mount variable-depth operating mechanisms with disconnect switches and Type C371 flange-mount variable-depth operating mechanisms for circuit breakers.

General Electric Type STDA flange handles and variable-depth operating mechanisms for disconnect switches and circuit breakers. Also SPECTRAFLEX™ cable operators for circuit breakers.

Siemens ITE MAX FLEX® flange-mount variable-depth operating handles for circuit breakers.

Schneider Square D® Class 9422 disconnect switches with flange-mount variable-depth operating mechanisms or cable mechanisms and Class 9422 flange-mount 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.

Ordering

Order the disconnect switch, operating handle and operating mechanism separately. See Technical Information in the Hoffman Specifier's Guide for wire bend space available when various manufacturers' disconnect switches are installed or Disconnect Ordering Information at hoffmanonline.com for disconnect ordering guidelines and wire bend space available. Check the enclosure dimension drawings to verify the chosen disconnect switch will fit in the enclosure.
All 24.12-in. (613-mm) and deeper enclosures using short connecting rods by the following manufacturers require a Hoffman platform assembly, catalog number ADSCPA, purchased separately.
- ABB Controls flange-operated devices
- Eaton Cutler-Hammer C361 devices
- Eaton Cutler-Hammer C371 mechanisms which use C371E, F, G, K operating mechanism (see Disconnect Enclosure Accessories)
- General Electric Type TDA devices (see Disconnect Enclosure Accessories)
- Schneider Square D® Class 9422 devices (see Disconnect Enclosure Accessories)

The platform assembly can be omitted if long connecting rods are ordered in place of short connecting rods.
- For Eaton Cutler-Hammer operating mechanisms C371E and C371F order catalog number C371CS1 connecting rod. For C371G and C371K order catalog number C371CS2 connecting rod.
- For General Electric devices, order catalog number TDSR extended length drive rod
- For Schneider Square D devices, order catalog number 9422-R2 extra long operating rod(s). Some devices require two rods.

Consult factory for space occupied on panel when platform is used.

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Free-Stand Disconnect Enclosures and Accessories

Free-Stand Disconnect Enclosure, Type 1

Industry Standards

UL508A Listed; Type 1; File No. E61997
cUL Listed per CSA C22.2 No. 14; Type 1; File No. E61997

NEMA/EEMAC Type 1
IEC 60529 IP30

Application

Free-Stand Disconnect Enclosures, Type 1, are an economical way to protect electrical and electronic equipment in applications that do not require extensive environmental protection.

Specifications

- 14 gauge steel body and door; 12 gauge back covers
- 4-in. high 10 gauge steel integral lifting base
- Modified preferred disconnect cutout
- Heights from 60 in. to 84 in. Usable height inside cabinet 4 in. less than nominal height.
- Sturdy 7 gauge lifting tabs
- Flush doors
- 3-point latch with heavy-duty handle
- Screwdriver defeater in handle on master door
- Padlock provision in handle
- Predrilled holes in lifting base provide bolt-down capability
- Bonding provision on each door
- Studs included for mounting optional panels on threaded bolts
- Optional rack angles mount to top and bottom of front flanges

Finish

RAL 7035 light gray polyester powder paint inside and outside. Optional panels have white or conductive finish.

Accessories

See also Accessories.
Rack-Angle Mounted Drawer
Rack-Mount Steel Shelf
Rack Mounting Angle Kit - L Style
Electric Heater
Compact Cooling Fans

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: A38D

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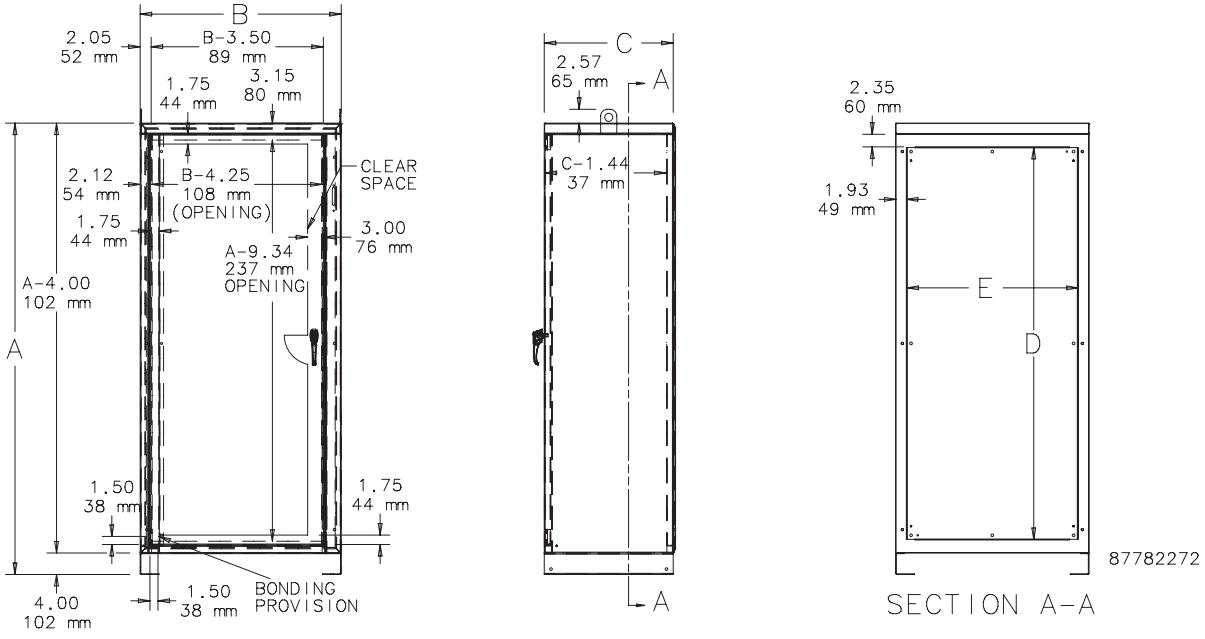
Free-Stand Disconnect Enclosures and Accessories

Standard Product **Free-Stand Type 1 Large One-Door Disconnect Enclosures**

Catalog Number	AxBxC in./mm	Panel	Conductive Panel	Panel Size D x E in./mm	Use Rack Angle
A60XN2712FSLP	60.00 x 27.00 x 12.00 1524 x 686 x 305	A49P21N	A49P21NG	49.16 x 21.50 1249 x 546	ARA6019THG
A60XN2718FSLP	60.00 x 27.00 x 18.00 1524 x 686 x 457	A49P21N	A49P21NG	49.16 x 21.50 1249 x 546	ARA6019THG
A60XN2724FSLP	60.00 x 27.00 x 24.00 1524 x 686 x 610	A49P21N	A49P21NG	49.16 x 21.50 1249 x 546	ARA6019THG
A60XN3718FSLP	60.00 x 37.50 x 18.00 1524 x 953 x 457	A49P32N	A49P32NG	49.16 x 32.00 1249 x 813	ARA6019THG
A72XN2718FSLP	72.00 x 27.00 x 18.00 1829 x 686 x 457	A61P21N	A61P21NG	61.16 x 21.50 1553 x 546	ARA7219THG
A72XN3718FSLP	72.00 x 37.50 x 18.00 1829 x 953 x 457	A61P32N	A61P32NG	61.16 x 32.00 1553 x 813	ARA7219THG
A72XN3724FSLP	72.00 x 37.50 x 24.00 1829 x 953 x 610	A61P32N	A61P32NG	61.16 x 32.00 1553 x 813	ARA7219THG
A84XN2718FSLP	84.00 x 27.00 x 18.00 2134 x 686 x 457	A73P21N	A73P21NG	73.16 x 21.50 1858 x 546	ARA8419THG
A84XN3724FSLP	84.00 x 37.50 x 24.00 2134 x 953 x 610	A73P32N	A73P32NG	73.16 x 32.00 1858 x 813	ARA8419THG

Purchase panels separately.



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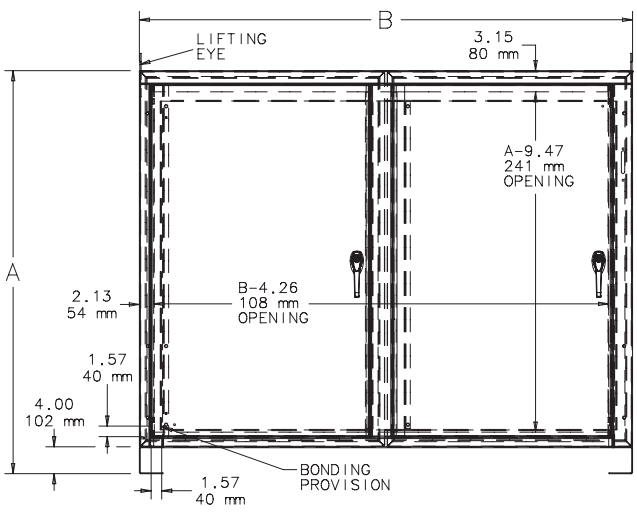
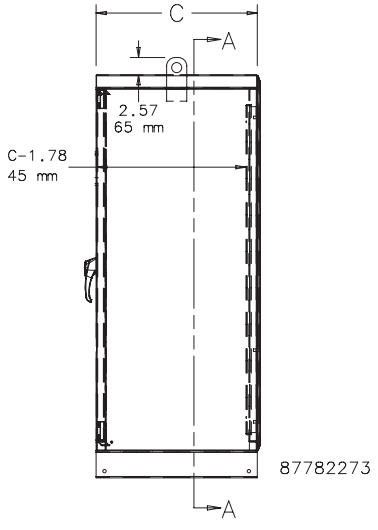
Free-Stand Disconnect Enclosures and Accessories

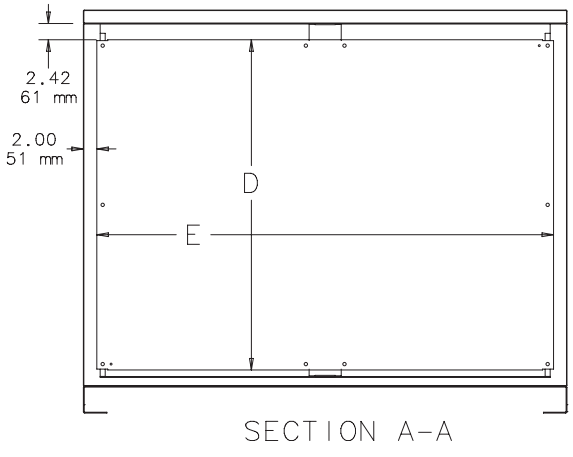
Standard Product **Free-Stand Type 1 Large Two-Door Disconnect Enclosures**

Catalog Number	AxBxC in./mm	Panel	Conductive Panel`	Panel Size D x E in./mm	Use Rack Angle
A60XN5312FSLP	60.00 x 53.50 x 12.00 1524 x 1359 x 305	A49P48N	A49P48NG	49.16 x 48.00 1249 x 1219	ARA6019THG
A60XN5318FSLP	60.00 x 53.50 x 18.00 1524 x 1359 x 457	A49P48N	A49P48NG	49.16 x 48.00 1249 x 1219	ARA6019THG
A60XN7324FSLP	60.00 x 73.50 x 24.00 1524 x 1867 x 610	A49P68N	A49P68NG	49.16 x 68.00 1249 x 1727	ARA6019THG
A72XN7318FSLP	72.00 x 73.50 x 18.00 1829 x 1867 x 457	A61P68N	A61P68NG	61.16 x 68.00 1553 x 1727	ARA7219THG
A72XN7324FSLP	72.00 x 73.50 x 24.00 1829 x 1867 x 610	A61P68N	A61P68NG	61.16 x 68.00 1553 x 1727	ARA7219THG
A84XN7318FSLP	84.00 x 73.50 x 18.00 2134 x 1867 x 457	A73P68N	A73P68NG	73.16 x 68.00 1858 x 1727	ARA8419THG
A84XN7324FSLP	84.00 x 73.50 x 24.00 2134 x 1867 x 610	A73P68N	A73P68NG	73.16 x 68.00 1858 x 1727	ARA8419THG

Purchase panels separately.







SECTION A–A

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Disconnect Mounting Space

Disconnect is located 11.62 in. from outside top of enclosure. Wiring space is available when disconnect is installed in the enclosure.

See Technical Information section for wire bend space.

Refer to ***NATIONAL ELECTRICAL CODE, 2005*** article 430-10(b) for wiring space required for line side conductors to be connected to disconnect. **Verify your application to determine whether wiring space is adequate.**

Consult Space Occupied by Disconnect drawing to determine whether the disconnect device you are using will fit the enclosure size you have selected.

Gasket Kits

Apply self-adhesive strip gaskets for gasketed NEMA 1 solution. Each kit includes sufficient gasket for any one- or two-door enclosure. Choose kit by number of doors.

Bulletin: A38P

Catalog Number	Description
A38GSKT	For one-door enclosures
A38GSKT2	For two-door enclosures

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PROLINE®-DD Disconnect Enclosure, Type 12

Industry Standards

UL 508A Listed; Type 12; File Number E61997
cUL Listed per CSA C22.2 No. 94; Type 12; File No. E61997

NEMA/EEMAC Type 12
CSA File Number 42186: Type 12
VDE IP55
IEC 60529, IP55

A-T-O

Application

For a modular disconnect system with application flexibility, choose a PROLINE®-DD Modular Enclosure. These two-door packages and their components are compatible with any of the standard flange-mounted disconnect switches and mechanisms described below.

Allen-Bradley
- Bulletin 1494V variable-depth flange-operated disconnect switches and circuit breaker mechanisms.
- Bulletin 140U flexible cable operating mechanisms for 140U molded case circuit breakers.

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

ABB Controls Disconnect switches up to and including 200 A, also operators for ABB circuit breakers up to 800 A.

Eaton Cutler-Hammer Variable-depth disconnect switches up to and including 200 A, operators for C-H Westinghouse circuit breakers up to 600 A and FLEX SHAFT™ handle mechanisms for circuit breakers.

General Electric Type TDA variable-depth operating mechanisms for disconnect switches up to and including 200 A as well as operator mechanisms or SPECTRAFLEX™ cable operators for circuit breakers up to 600 amp.

Siemens ITE MAX FLEX™ flange-mounted variable-depth operating handles for disconnect switches and circuit breakers as well as some fixed-depth operators for disconnect switches.

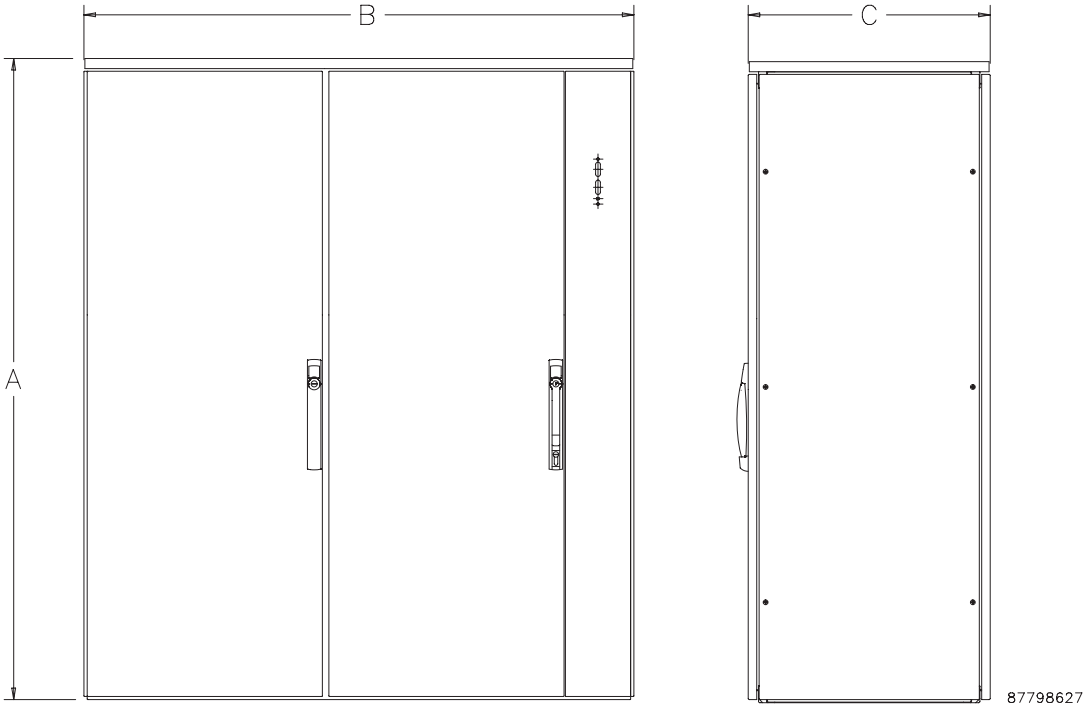
Schneider Square D Class 9422 disconnect switches up to and including 200 A, with variable-depth or cable mechanisms for 30, 60 or 100 A. Also circuit breakers with variable-depth operators or cable mechanisms up to 400 A.

Bulletin: P20DC

Standard Product

Catalog Number	AxBxC in./mm	Nominal Size mm/in.
PTDDC20185	78.11 x 78.18 x 19.65 1984 x 1808 x 499	2000 x 1800 x 500
PTDDC20186	78.11 x 78.18 x 23.58 1984 x 1808 x 599	2000 x 1800 x 600

PROLINE-DD Modular Enclosure



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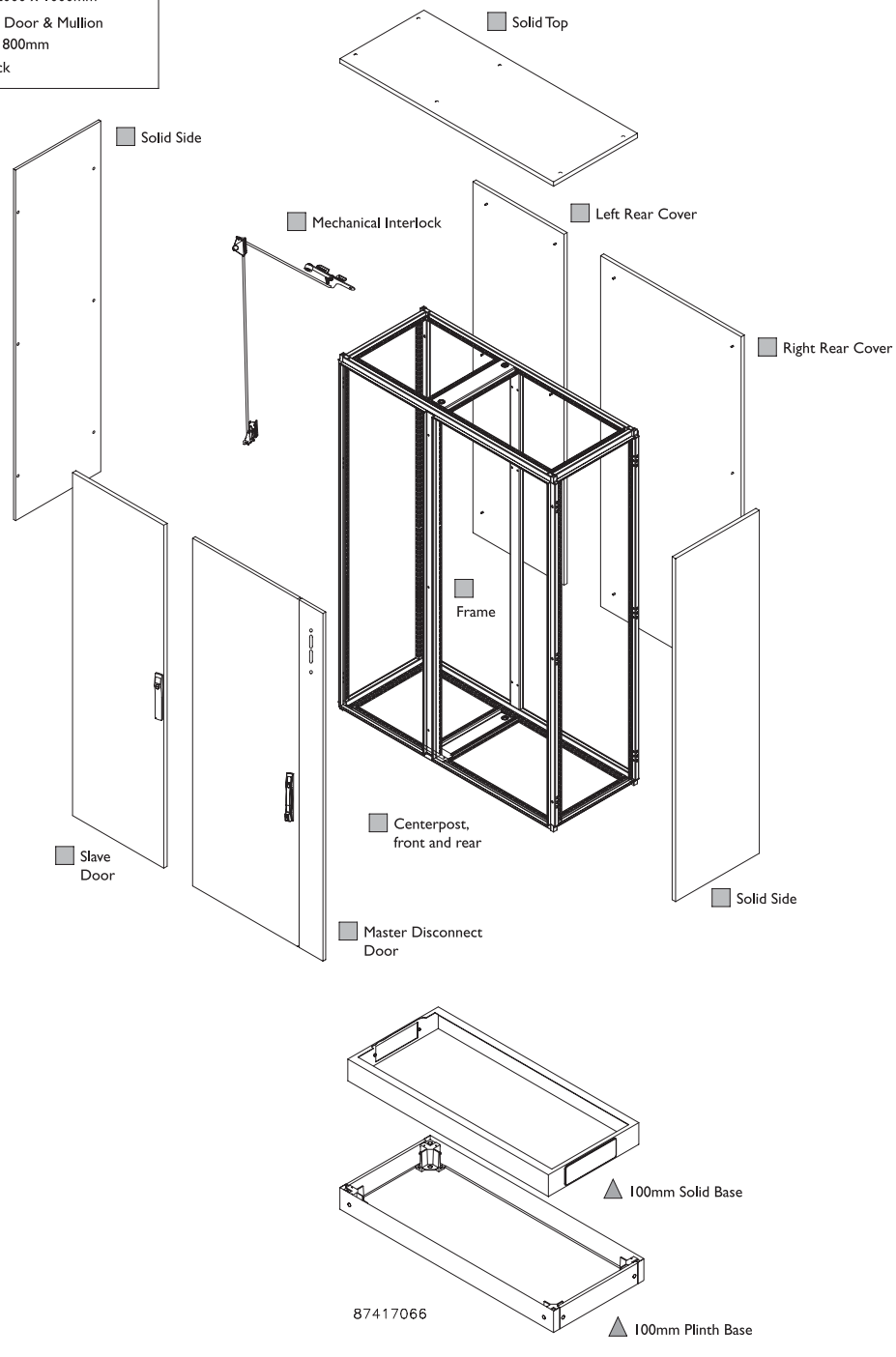
PROLINE-DD Modular Enclosures and Accessories

Standard Configuration

- Frame with removable centerpost at front and fixed centerpost at rear
- Solid Top
- Solid Sides
- Left Rear Cover, 2000 x 800mm
- Right Rear Cover, 2000 x 1000mm
- Master Disconnect Door & Mullion
- Slave Door, 2000 x 800mm
- Mechanical Interlock

Optional Components

All optional components may be ordered separately. Components labeled A-T-O may be included in an A-T-O configuration.



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PROLINE-DD Modular Enclosures and Accessories

Disconnect Mounting Space

Disconnects will occupy space on panel shown by dimensions E1, F1 and G1. Wiring space W1 is available when disconnect is installed in the enclosure.

See Technical Information for E1 Spacing by Enclosure Height for various disconnect switch manufacturers.

W1 = Wiring Space.

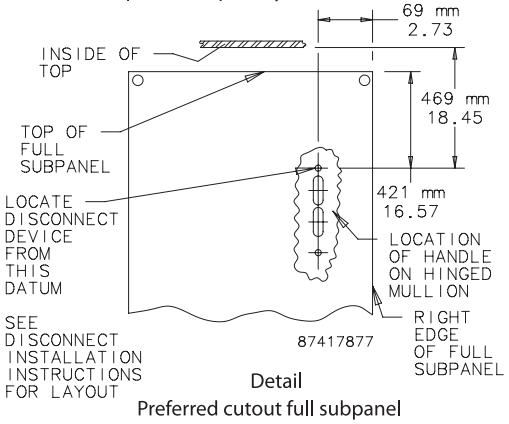
See Technical Information chapter for wire bend space.

Refer to ***NATIONAL ELECTRICAL CODE, 2005*** article 430-10(b) for wiring space required for line side conductors to be connected to disconnect.

Verify your application to determine whether wiring space is adequate.

Consult Space Occupied by Disconnect drawing to determine whether the disconnect device you are using will fit the enclosure size you have selected.

Space Occupied by Disconnect



Detail

Preferred cutout full subpanel

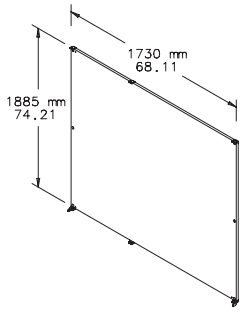
PROLINE®-DD Modular Subpanel

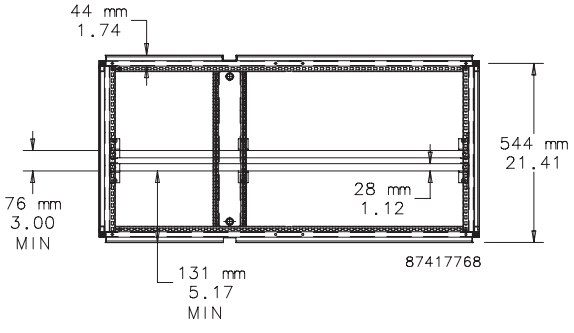
The Subpanel mounts inside the PROLINE-DD Modular Enclosures. The subpanel size is 2000 x 1800 mm and is constructed of 10 gauge steel. It also has glide blocks to facilitate handling and installation (hardware is included).

Bulletin: P20

Catalog Number	AxB in./mm	Type	Used with Assembled Enclosure 1	Used with Assembled Enclosure 2
PPF2018	78.70 x 70.90 2000 x 1800	Subpanel White Painted Finish	PTDDC20185	PTDDC20186
PPF2018G	78.70 x 70.90 2000 x 1800	Subpanel Conductive Finish	PTDDC20185	PTDDC20186

Subpanel



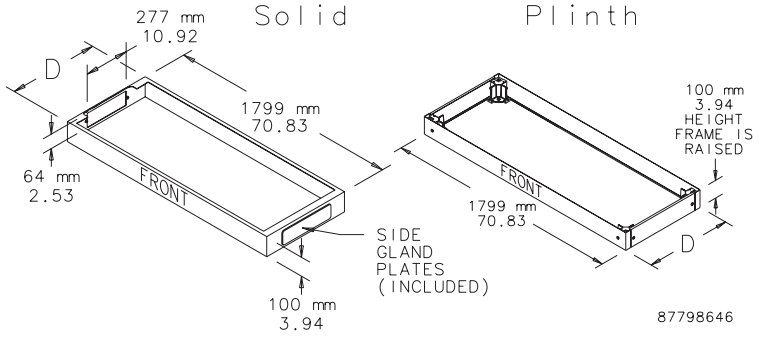


PROLINE®-DD Modular 100-mm Bases

These 100-mm solid and plinth bases mount to PROLINE-DD Modular Enclosures. Gland plates are necessary to maintain Type 12 rating when using plinth base.

Bulletin: P20

Catalog Number	Type	Used with Assembly	D (mm)	D (in.)
PB1185	100-mm Solid Base	PTDDC20185	459	18.07
PB1186	100-mm Solid Base	PTDDC20186	559	22.01
PPB1186	100-mm Plinth Base	PTDDC20186	559	22.01



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Free-Stand Preferred-Cutout Stainless Steel Disconnect Overview

Preferred-Cutout Overview

Application

Enclosures having the preferred cutout are sized for use with up to 200 A disconnect switches and up to 400A circuit breakers unless otherwise specified. The preferred cutout accepts the smaller operating handle whose mounting hole centers are 4.688 in. apart. Preferred cutouts are standard in mild steel wall-mount enclosures, modular enclosures and some select large mild steel enclosures. They are also present on all standard stainless steel offerings.
Operator adapters for preferred cutouts must be ordered separately to be used with A21S, A28S4, WS2D and A4S enclosures.

Preferred cutouts are designed to house the following:

Allen-Bradley
- Bulletin 1494V disconnect switches with flange-mount variable-depth operating mechanisms and Bulletin 1494V flange-mount variable-depth operating mechanisms for circuit breakers
- Bulletin 140U flexible cable operating mechanisms for 140U molded case circuit breakers
- Bulletin 1494C cable-operated disconnect switches with flange-mount handles
- Bulletin 194RC cable-operated flange-mount handles for use with the NFPA 79 compliant 194R IEC rotary disconnect switches

Allen-Bradley Bulletin 1494V-R1, -R2 and -W2 operating handles and Allen-Bradley Bulletin 1494F disconnect devices or Bulletin 1494D circuit breaker operators will NOT fit these enclosures.

ABB Controls flange-mount variable-depth operating mechanisms for disconnect switches and circuit breakers. Also the cable version for circuit breakers.

Eaton Cutler-Hammer Type C361 flange-mount variable-depth operating mechanisms with disconnect switches and Type C371 flange-mount variable-depth operating mechanisms for circuit breakers.

General Electric Type STDA flange handles and variable-depth operating mechanisms for disconnect switches and circuit breakers. Also SPECTRAFLEX™ cable operators for circuit breakers.

Siemens ITE MAX FLEX® flange-mount variable-depth operating handles for circuit breakers.

Schneider Square D® Class 9422 disconnect switches with flange-mount variable-depth operating mechanisms or cable mechanisms and Class 9422 flange-mount 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.

Ordering

Order the disconnect switch, operating handle and operating mechanism separately. See Technical Information in the Hoffman Specifier's Guide for wire bend space available when various manufacturers' disconnect switches are installed or Disconnect Ordering Information at hoffmanonline.com for disconnect ordering guidelines and wire bend space available. Check the enclosure dimension drawings to verify the chosen disconnect switch will fit in the enclosure.

All 24.12-in. (613-mm) and deeper enclosures using short connecting rods by the following manufacturers require a Hoffman platform assembly, catalog number ADSCPA, purchased separately.
- ABB Controls flange-operated devices
- Eaton Cutler-Hammer C361 devices
- Eaton Cutler-Hammer C371 mechanisms which use C371E, F, G, K operating mechanism (see Disconnect Enclosure Accessories)
- General Electric Type TDA devices (see Disconnect Enclosure Accessories)
- Schneider Square D® Class 9422 devices (see Disconnect Enclosure Accessories)

The platform assembly can be omitted if long connecting rods are ordered in place of short connecting rods.
- For Eaton Cutler-Hammer operating mechanisms C371E and C371F order catalog number C371CS1 connecting rod. For C371G and C371K order catalog number C371CS2 connecting rod.
- For General Electric devices, order catalog number TDSR extended length drive rod
- For Schneider Square D devices, order catalog number 9422-R2 extra long operating rod(s). Some devices require two rods.

Consult factory for space occupied on panel when platform is used.

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Stainless Steel Two-Door Disconnect Enclosure

Two-Door Stainless Steel Enclosures for Flange-Mounted Disconnects, Type 4X

Industry Standards

UL 508A Listed; Type 3R, 4, 4X, 12; File No. E61997
cUL Listed per CSA C22.2 No. 94; Type 3R, 4, 4X, 12; File No. E61997

NEMA/EEMAC Type 3R, 4, 4X, 12
CSA File No. 42186: Type 4, 4X, 12
IEC 60529, IP66
Meets NEMA Type 3RX requirements

Specifications

- Manufactured from 12 gauge Type 304 stainless steel
- Seams continuously welded and ground smooth
- Body stiffeners in larger enclosures for extra rigidity
- Body flange trough collar excludes liquids and contaminants
- Removable centerposts permit easy panel installation
- Heavy-gauge continuous hinges
- Rollers on ends of latch rods for easier door closing
- Heavy-duty lifting eyes are Type 316 stainless steel
- Data pocket is high-impact thermoplastic
- 15-in. floor stands are welded to enclosure
- Seamless foam-in-place gasket provides oil-tight and dust-tight seal against contaminants
- Panel supports
- Collar studs provided for mounting optional panels
- Heavy-duty 3-point latching mechanism operated by Type 316 stainless steel POWERGLIDE® padlocking handle on all doors
- Masterdoor is right-hand door on X enclosures and left-hand door on CPX enclosures
- Type 316 stainless steel handle with defeater on master door
- Type 316 stainless steel handle (non-defeater) on slave door
- Mechanical interlock operated by master door prevents slave door from being opened first; doors can be closed in any order
- Preferred cutout on right flange provides mounting for most disconnect operators
- Bonding provision on doors; grounding studs on body
- Accessory mounting channel provided in enclosure top

Finish

Stainless steel enclosures are unpainted. Sides and body have smooth #4 brushed finish. Optional mild steel panels are painted white. Optional conductive panels are available.

Accessories

See also Accessories.
Blank Adapter Plates, Mild Steel
INTERSAFE® Data Interface Ports, Type 4/4X/12
Operator Adapters for Universal Cutouts
PANELITE™ Enclosure Lights Overview
Panels for Type 3R, 4, 4X, 12 and 13 Enclosures
Steel and Stainless Steel Window Kits

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: A21S4

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Stainless Steel Two-Door Disconnect Enclosure

Standard Product **Two-Door with Provision for Disconnect Operator on Right Flange**

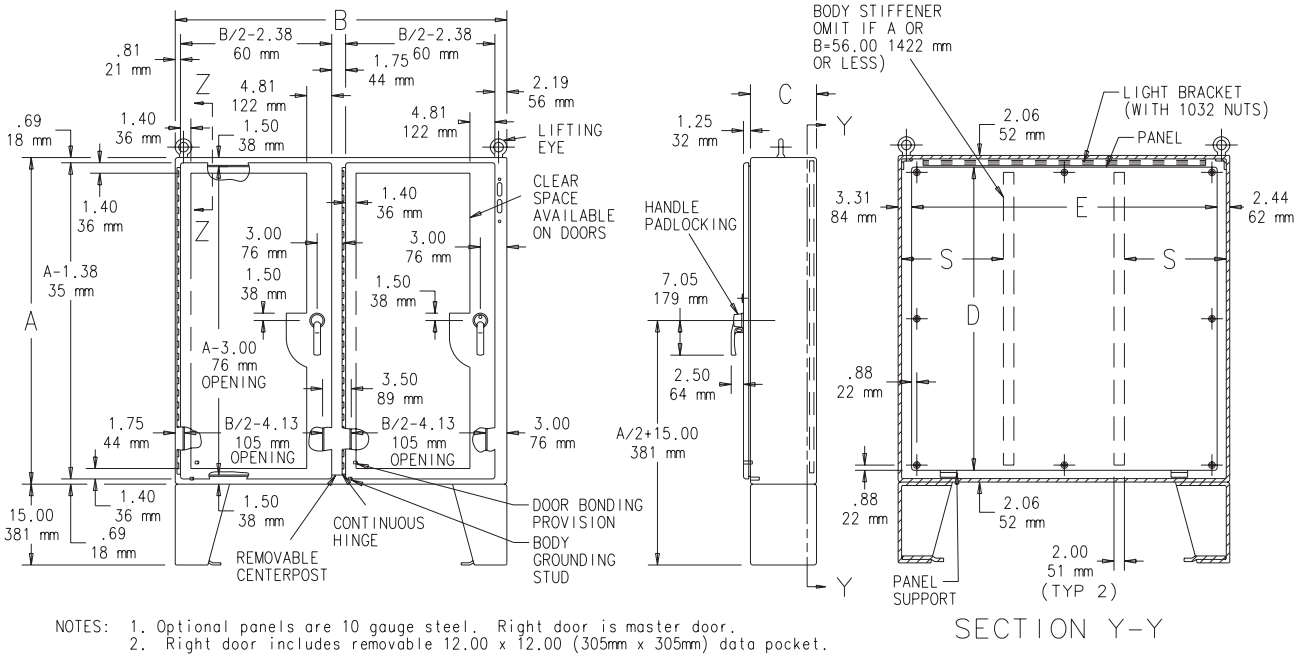
Catalog Number	AxBxC in./mm	Panel	Conductive Panel	Panel Size D x E in./mm
A60X4912SSLPN4	60.12 x 49.75 x 12.12 1527 x 1264 x 308	A60P48	A60P48G	56.00 x 44.00 1422 x 1118
A60X6112SSLPN4	60.12 x 61.75 x 12.12 1527 x 1568 x 308	A60P60	A60P60G	56.00 x 56.00 1422 x 1422
A72X6112SSLPN4	72.12 x 61.75 x 12.12 1832 x 1568 x 308	A72P60	A72P60G	68.00 x 56.00 1727 x 1422
A72X7312SSLPN4	72.12 x 73.75 x 12.12 1832 x 1873 x 308	A72P72	A72P72G	68.00 x 68.00 1727 x 1727
A60X4918SSLPN4	60.12 x 49.75 x 18.12 1527 x 1264 x 460	A60P48	A60P48G	56.00 x 44.00 1422 x 1118
A60X6118SSLPN4	60.12 x 61.75 x 18.12 1527 x 1568 x 460	A60P60	A60P60G	56.00 x 56.00 1422 x 1422
A72X6118SSLPN4	72.12 x 61.75 x 18.12 1832 x 1568 x 460	A72P60	A72P60G	68.00 x 56.00 1727 x 1422
A72X7318SSLPN4	72.12 x 73.75 x 18.12 1832 x 1873 x 460	A72P72	A72P72G	68.00 x 68.00 1727 x 1727
A72X7324SSLPN4	72.12 x 73.75 x 24.12 1832 x 1873 x 613	A72P72	A72P72G	68.00 x 68.00 1727 x 1727

Purchase panels separately.

All 24.12-in. (613 mm) and deeper enclosures using short connecting rods in the following models require a Hoffman platform assembly, catalog number ADSCPA, purchased separately. • ABB Controls flange-operated devices • Eaton Cutler-Hammer C361 devices • Eaton Cutler-Hammer C371 mechanisms which use C371E, F, G, K operating mechanism • General Electric Type TDA devices (see next paragraph for option) • Schneider Square D Class 9422 devices (see next paragraph for option)

The platform assembly can be omitted if long connecting rods are ordered in place of short connecting rods. • For Eaton Cutler-Hammer operating mechanisms C371E and C371F order catalog number C371CS1 connecting rod. For C371G and C371K order catalog number C371CS2 connecting rod. • For General Electric devices, order catalog number TDSR extended length drive rod • For Schneider Square D devices, order catalog number 9422-R2 extra long operating rod(s). Some devices require two rods. Consult factory for space occupied on panel when platform is used.

Disconnect Operator on the Right Flange



NOTES: 1. Optional panels are 10 gauge steel. Right door is master door.
2. Right door includes removable 12.00 x 12.00 (305mm x 305mm) data pocket.

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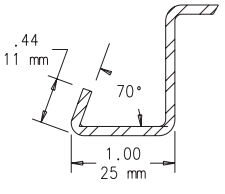

SECTION Z-Z

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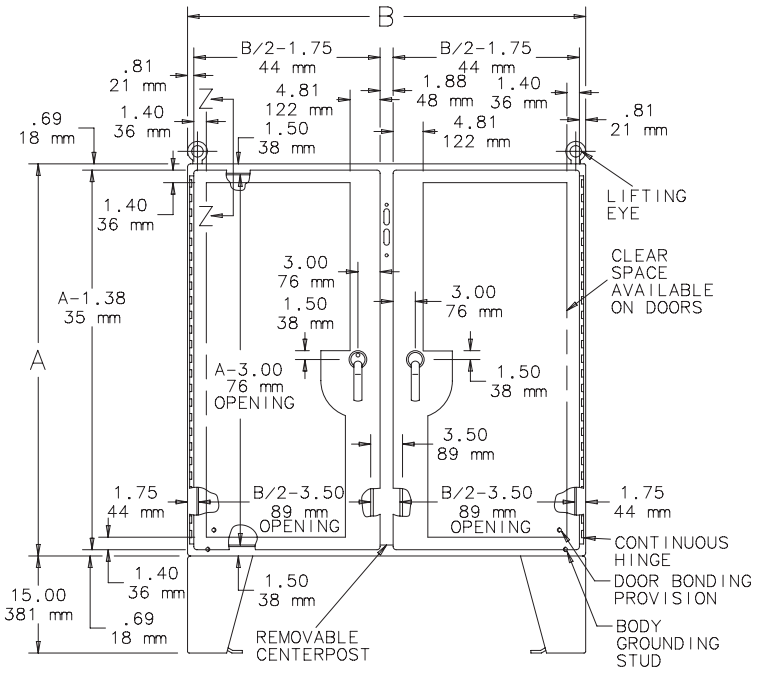
Stainless Steel Two-Door Disconnect Enclosure

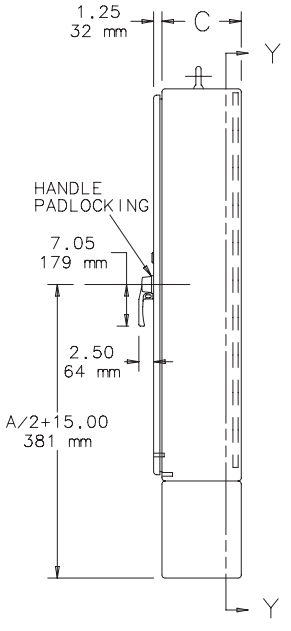
Standard Product **Two-Door with Provision for Disconnect Operator on Centerpost**

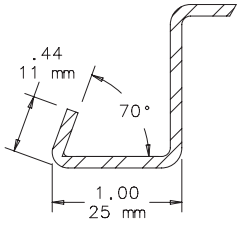
Catalog Number	AxBxC in./mm	Panel	Conductive Panel	Panel Size D x E in./mm
A60CPX4812SSLPN4	60.12 x 48.50 x 12.12 1527 x 1232 x 308	A60P48	A60P48G	56.00 x 44.00 1422 x 1118
A60CPX6012SSLPN4	60.12 x 60.50 x 12.12 1527 x 1537 x 308	A60P60	A60P60G	56.00 x 56.00 1422 x 1422
A72CPX7212SSLPN4	72.12 x 72.50 x 12.12 1832 x 1842 x 308	A72P72	A72P72G	68.00 x 68.00 1727 x 1727
A72CPX7218SSLPN4	72.12 x 72.50 x 18.12 1832 x 1842 x 460	A72P72	A72P72G	68.00 x 68.00 1727 x 1727

Purchase panels separately.

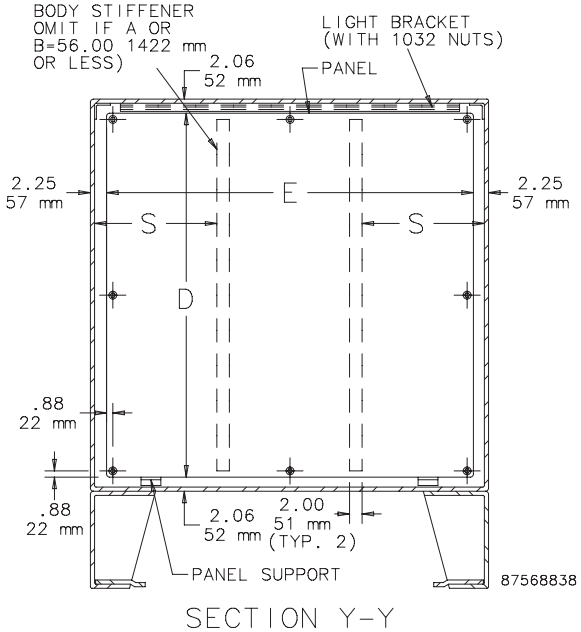
Disconnect Operator on the Centerpost Flange







SECTION Z-Z



SECTION Y-Y

NOTES:
1. Optional panels are 10 gauge steel. Left door is master door.
2. Right door includes removable 12.00 x 12.00 (305mm x 305mm) data pocket.

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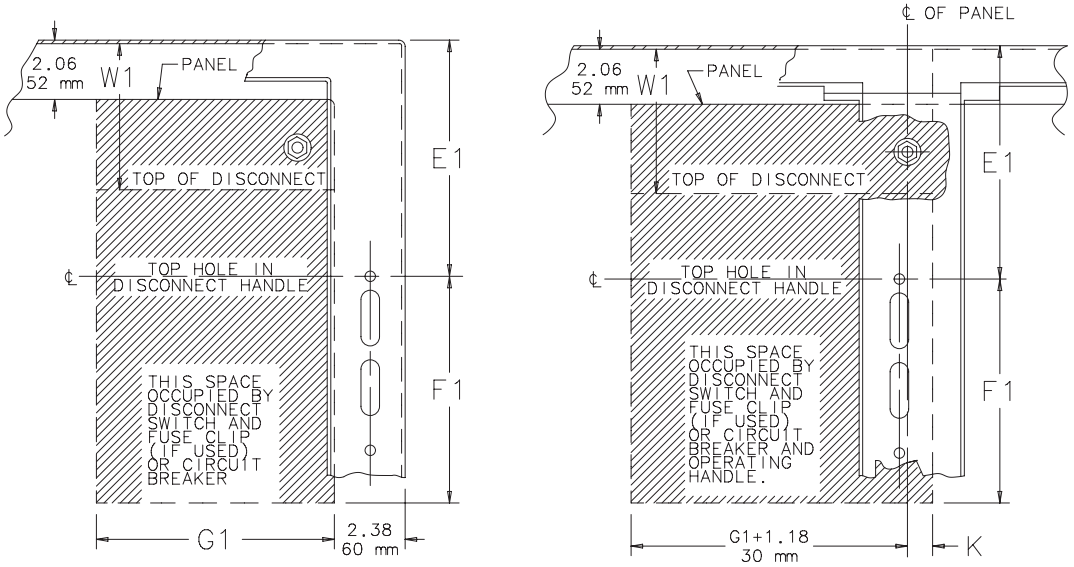
Stainless Steel Two-Door Disconnect Enclosure

Disconnect Mounting Space

Disconnects will occupy space on panel shown by dimensions E1, F1, G1 and K. Wiring Space W1 is available when disconnect is installed in the enclosure. See the Technical Information chapter for E1 Spacing by Enclosure Height for various disconnect switch manufacturers.

Refer to *National Electrical Code®*, 2005 article 430-10(b) for wiring space required for line side conductors to be connected to disconnect.

Verify your application to determine if wiring space is adequate.



Consult disconnect manufacturer or see Disconnect Ordering Information at hoffmanonline.com under Technical Resources for F1 and G1 dimensions of various brands of disconnects.

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Notes

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Stainless Steel General Purpose Disconnect Enclosures

General Purpose Stainless Steel Two-Door Floor-Mount Disconnect Enclosures, Type 4X

Industry Standards

UL508A Listed; Type 3R, 4, 4X, 12; File No. E61997
cUL Listed per CSA C22.2 No. 94; Type 3R, 4, 4X, 12; File No. E61997

NEMA/EEMAC: Type 3R, 4, 4X, 12
IEC 60529, IP66
Meets NEMA Type 3RX requirements

Application

This disconnect enclosure is designed to house electronic controls and components. It provides protection from noncorrosive or mildly corrosive elements in both indoor and outdoor environments. Typical applications are in the food and beverage, packaging, water, petroleum and chemical processing industries. Designed to house the most popular disconnect switches and circuit breakers.

Features

- Seams continuously welded and ground smooth
- Seamless foam-in-place one-piece gasket provides water-, oil- and dust-tight seal against contaminants
- Heavy-duty three-point latching mechanism on each door, operated by Hoffman's black die-cast POWERGLIDE® padlocking handle. Black die-cast quarter-turn latches with slotted insert provided on the top and bottom of each door.
- Master door is far right-hand door on all enclosures
- Master door handle provided with integral screwdriver defeater
- Mechanical interlock activated by master door prevents slave door from being opened first. Doors can be closed in any order.
- Concealed hinges provide 180-degree door opening and allow easy door removal and cleaning of hinge area
- Bolt-on 15-in.-high stainless steel floor stands
- Heavy-duty Type 316L stainless steel lifting eyes
- Collar studs on inside of enclosure back for optional mounting panels
- Removable centerpost for easy panel installation
- Bonding provisions on doors and ground studs on body
- No interior stiffeners to obstruct component mounting
- Provisions for mounting optional fluorescent light packages

Specifications

- 14 gauge doors and 12 gauge body from Type 304 stainless steel
- Flange trough collar on all four sides of door openings
- Data pocket is high-impact plastic attached with pressure-sensitive adhesive
- Preferred cutout on right-hand flange provides mounting for most disconnect operators

Finish

Stainless steel enclosures are unpainted. External surfaces of front, sides, top and bottom have a #4 finish. Interior welds are not finished. Optional panels have white or conductive finish.

Accessories

See also Accessories.
Electric Heater
Electrical Interlocks
PANELITE™ Enclosure Lights Overview
Panels for Type 3R, 4, 4X, 12 and 13 Enclosures
Steel and Stainless Steel Window Kits

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: A4S2

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Stainless Steel General Purpose Disconnect Enclosures

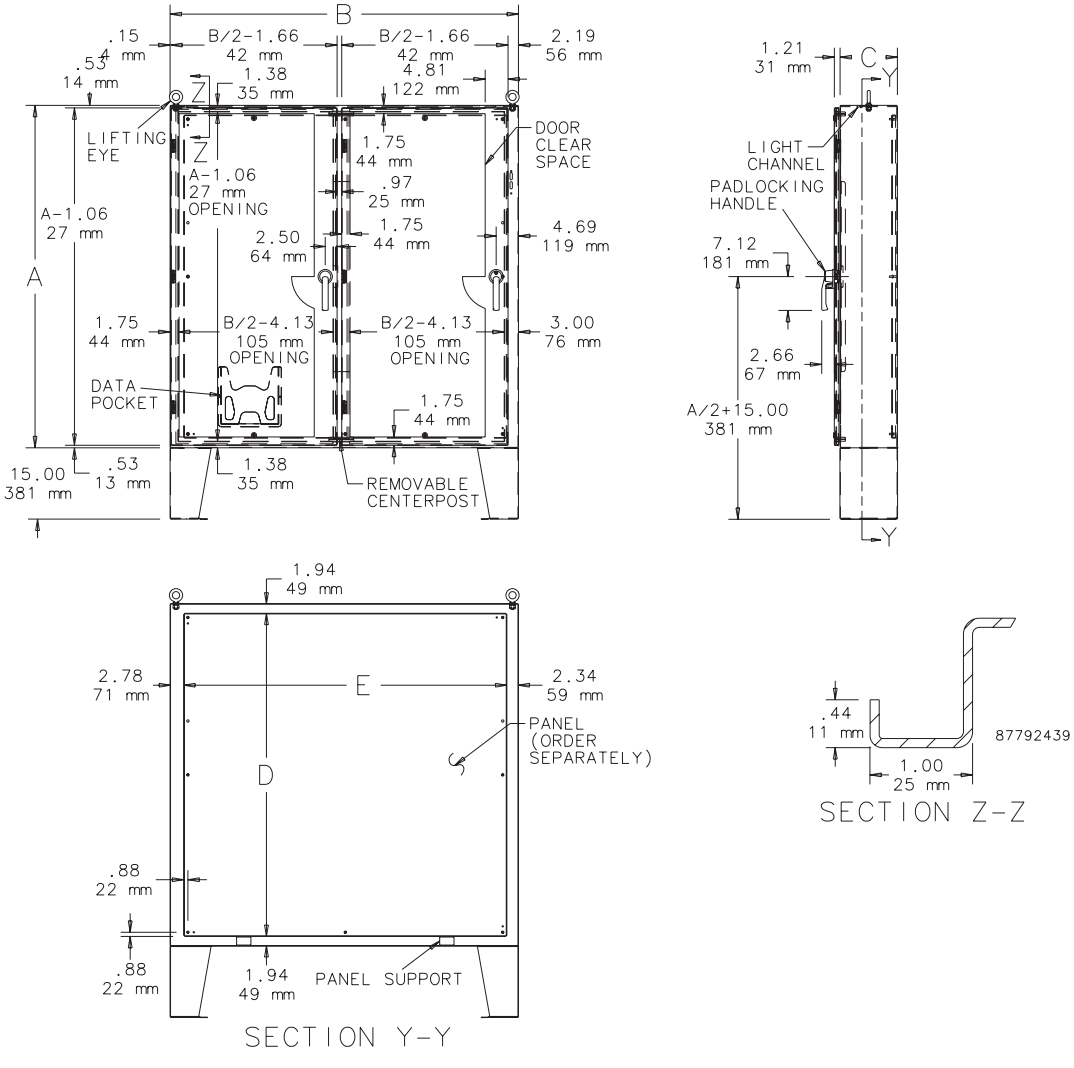
Standard Product

Catalog Number	AxBxC in./mm	Panel	Conductive Panel	Panel Size D x E in./mm	No. of Quarter-turn Latches
A60HX4912SSLPQT	60.06 x 49.31 x 12.06 1526 x 1253 x 306	A60P48	A60P48G	56.00 x 44.00 1422 x 1118	4
A60HX4918SSLPQT	60.06 x 49.31 x 18.06 1526 x 1253 x 459	A60P48	A60P48G	56.00 x 44.00 1422 x 1118	4
A60HX6112SSLPQT	60.06 x 61.31 x 12.06 1526 x 1557 x 306	A60P60	A60P60G	56.00 x 56.00 1422 x 1422	4
A60HX6118SSLPQT	60.06 x 61.31 x 18.06 1526 x 1557 x 459	A60P60	A60P60G	56.00 x 56.00 1422 x 1422	4
A72HX6112SSLPQT	72.06 x 61.31 x 12.06 1830 x 1557 x 306	A72P60	A72P60G	68.00 x 56.00 1727 x 1422	4
A72HX6118SSLPQT	72.06 x 61.31 x 18.06 1830 x 1557 x 459	A72P60	A72P60G	68.00 x 56.00 1727 x 1422	4
A72HX7312SSLPQT	72.06 x 73.31 x 12.06 1830 x 1862 x 306	A72P72	A72P72G	68.00 x 68.00 1727 x 1727	4
A72HX7318SSLPQT	72.06 x 73.31 x 18.06 1830 x 1862 x 459	A72P72	A72P72G	68.00 x 68.00 1727 x 1727	4
A72HX7324SSLPQT	72.06 x 73.31 x 24.06 1830 x 1862 x 611	A72P72	A72P72G	68.00 x 68.00 1727 x 1727	4

Purchase panels separately

All 24.12-in. (613-mm) and deeper enclosures using short connecting rods in the following models require a Hoffman platform assembly, catalog number ADSCPA, purchased separately. • ABB Controls flange-operated devices • Eaton Cutler-Hammer C361 devices • Eaton Cutler-Hammer C371 mechanisms which use C371E, F, G, K operating mechanism • General Electric Type TDA devices (see next paragraph for option) • Schneider Square D Class 9422 devices (see next paragraph for option)

The platform assembly can be omitted if long connecting rods are ordered in place of short connecting rods. • For Eaton Cutler-Hammer operating mechanisms C371E and C371F order catalog number C371CS1 connecting rod. For C371G and C371K order catalog number C371CS2 connecting rod. • For General Electric devices, order catalog number TDSR extended length drive rod • For Schneider Square D devices, order catalog number 9422-R2 extra long operating rod(s). Some devices require two rods. Consult factory for space occupied on panel when platform is used.



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Stainless Steel General Purpose Disconnect Enclosures

General Purpose Single-Door Free-Stand Disconnect, Type 4X

Industry Standards

UL508A Listed; Type 3R, 4, 4X, 12; File No. E61997
cUL Listed per CSA C22.2 No. 94; Type 3R, 4, 4X, 12; File No. E61997

NEMA/EEMAC: Type 3R, 4, 4X, 12
IEC 60529, IP66
Meets NEMA Type 3RX

Application

This single door stainless steel enclosure with quarter-turn latches is designed to house electronic controls and components. It provides protection from non-corrosive or mildly corrosive elements in both indoor and outdoor environments. Typical applications are in the pharmaceutical, food and beverage, packaging, water, petroleum and chemical processing industries.

Specifications

- Type 304 stainless steel 14 gauge doors and body, and 14 or 12 gauge back
- Seams continuously welded and ground smooth
- Flange trough collar on all four sides of door openings
- Seamless foam-in-place one-piece gasket provides water-, oil- and dust-tight seal against contaminants
- Heavy-duty three-point latching mechanism on each door, operated by Hoffman's black die-cast POWERGLIDE® padlocking handle. Black die-cast quarter-turn latches with slotted insert provided on the top and bottom of each door.
- Black Die-Cast POWERGLIDE handle has integral screwdriver defeater
- Collar studs on inside of enclosure back for optional mounting panels
- Concealed stainless steel hinges provide **180-degree door opening** and allow easy door removal and cleaning of hinge area
- Heavy-duty Type 316L stainless steel lifting eyes
- Bonding provision on door; grounding stud on body
- High-impact plastic Data Pocket kit included with enclosure
- Accessory mounting channel provided in enclosure top

Finish

Stainless steel enclosures are unpainted. External surfaces of front, sides, top and bottom have a #4 finish. Interior welds are not finished. Optional mild steel back panels are painted white. Optional conductive back panels are available.

Accessories

See also Accessories.
Heaters
PANELITE™ Enclosure Lights Overview
Panel Support Kit
Panels for Type 3R, 4,4X, 12 and 13 Enclosures
Stainless Steel Window Kits

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: A30S4

Standard Product

Catalog Number	AxBxC in./mm	Panel	Conductive Panel	Panel Size D x E in./mm
A72HXS2718SSLPQT	72.13 x 26.50 x 18.13 1832 x 673 x 461	A72PM28	A72PM28G	60.00 x 21.75 1524 x 552
A72HXS3224SSLPQT	72.13 x 32.50 x 24.12 1832 x 826 x 613	A72PM34	A72PM34G	60.00 x 27.75 1524 x 705
A72HXS3924SSLPQT	72.13 x 38.50 x 24.15 1832 x 978 x 613	A72PM40	A72PM40G	60.00 x 33.75 1524 x 857

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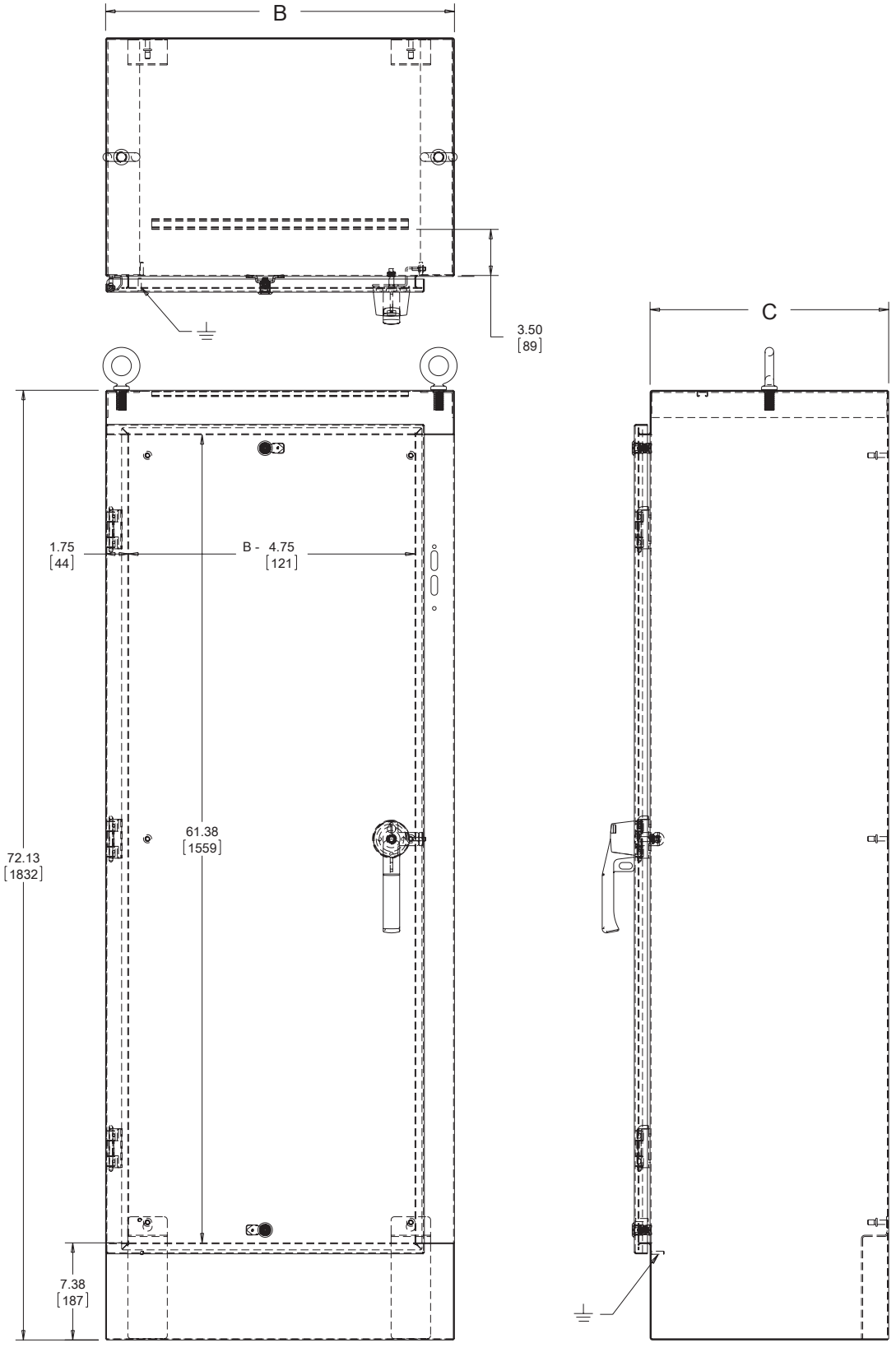
Stainless Steel General Purpose Disconnect Enclosures



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Stainless Steel General Purpose Disconnect Enclosures

Disconnect Mounting Space

Disconnects will occupy space on panel shown by dimensions E1, F1, G1 and K. Wiring Space W1 is available when disconnect is installed in the enclosure.

See the Technical Information chapter for E1 Spacing by Enclosure Height for various disconnect switch manufacturers.

Refer to *National Electrical Code®*, 2005 article 430-10(b) for wiring space required for line side conductors to be connected to disconnect.

Verify your application to determine if wiring space is adequate.

All 24.12-in. (613-mm) and deeper enclosures using short connecting rods by the following manufacturers require a Hoffman platform assembly, catalog number ADSCPA, purchased separately.

- ABB Controls flange-operated devices
- Eaton Cutler-Hammer C361 devices
- Eaton Cutler-Hammer C371 mechanisms which use C371E, F, G, K operating mechanism (see Disconnect Enclosure Accessories)
- General Electric Type TDA devices (see Disconnect Enclosure Accessories)
- Schneider Square D® Class 9422 devices (see Disconnect Enclosure Accessories)

The platform assembly can be omitted if long connecting rods are ordered in place of short connecting rods.

- For Eaton Cutler-Hammer operating mechanisms C371E and C371F order catalog number C371CS1 connecting rod. For C371G and C371K order catalog number C371CS2 connecting rod.
- For General Electric devices, order catalog number TDSR extended length drive rod
- For Schneider Square D devices, order catalog number 9422-R2 extra long operating rod(s). Some devices require two rods.

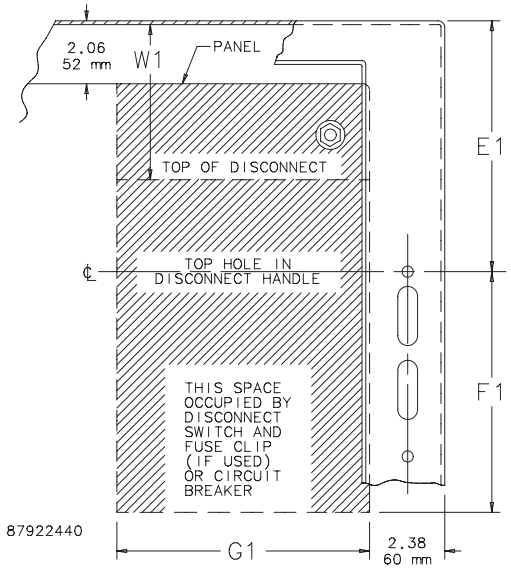
Consult factory for space occupied on panel when platform is used. **Be sure to match the disconnect device you are using with the correct enclosure size.**

A Complete Assembly Consists of:

1. An enclosure
2. A panel
3. A disconnect device.

Consult the Technical Information chapter of this catalog for wire bend information and hoffmanonline.com for disconnect manufacturer information.

Disconnect switch (or circuit breakers), operating handle and operating mechanism are not furnished with enclosure.



Consult disconnect manufacturer or see Disconnect Ordering Information at hoffmanonline.com under Technical Resources for F1 and G1 dimensions of various brands of disconnects.

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Notes

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Stainless Steel Heavy-Duty Free-Stand Enclosures for Flange-Mount Disconnects, Type 4X

Industry Standards

UL 508A Listed 508; Type 3R, 4, 4X, 12; File No. E61997
cUL Listed per CSA C22.2 No. 94; Type 3R, 4, 4X, 12; File No. E61997

NEMA/EEMAC Type 3R, Type 4, 4X, 12
CSA File No. 42186: Type 4, 4X, 12
IEC 60529, IP66
Meets NEMA Type 3RX requirements

Application

This disconnect enclosure is designed to house electronic controls and components. It provides protection from noncorrosive or mildly corrosive elements in both indoor and outdoor environments. Typical applications are in the food and beverage, packaging, water, petroleum and chemical processing industries. Designed to house the most popular disconnect switches and circuit breakers.

Specifications

- Manufactured from 12 gauge Type 304 stainless steel
- Seams continuously welded and ground smooth
- Body stiffeners in larger enclosures for extra rigidity
- Body flange trough collar excludes liquids and contaminants
- Heavy-duty lifting eyes anchor into reinforced top
- Removable centerposts permit easy panel installation
- Heavy-gauge continuous hinges
- Heavy-duty 3-point latching mechanism operated by Type 316L stainless steel POWERGLIDE® padlocking handle on all doors
- Ends of latch rods have rollers for easier door closing
- Panel supports
- Data pocket is high-impact thermoplastic
- Seamless foam-in-place gasket provides oil-tight and dust-tight seal against contaminants
- Removable 10 gauge steel panels mount on collar studs
- Master door is far right-hand door on all enclosures
- Type 316 stainless steel handle with defeater on master door
- Type 316 stainless steel handle (non-defeater) on slave door
- Mechanical interlock activated by master door prevents slave doors from being opened first. Doors can be closed in any order.
- Preferred cutout on right flange provides mounting for most disconnect operators
- Bonding provision on doors; grounding studs on body
- Accessory mounting channel provided in enclosure top

Finish

Stainless steel enclosures are unpainted. Sides and body have smooth #4 brushed finish. White mild steel panels are furnished with enclosure. Optional conductive panels are available.

Accessories

See also Accessories.
Electric Heater
Compact Cooling Fans
Floor Stand Kit
PANELITE™ Enclosure Lights Overview
Operator Adapters for Preferred Cutouts
An operator adapter for a preferred cutout must be ordered separately.

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: A28S4

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Stainless Steel Heavy Duty Disconnect Enclosures

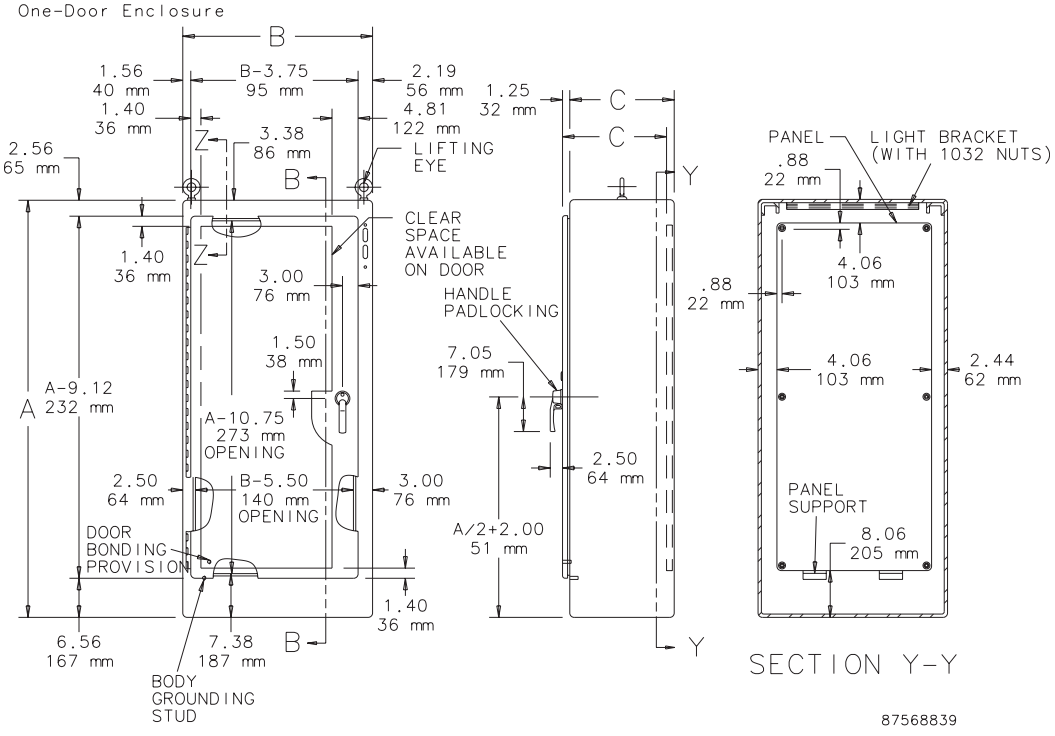
Standard Product **One-Door Enclosures**

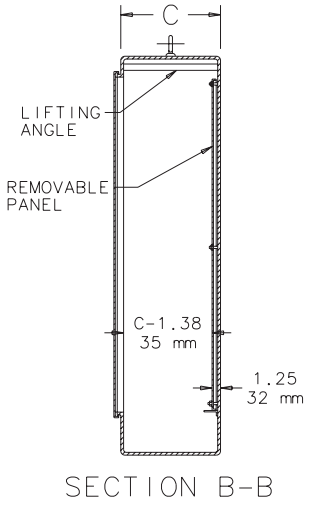
Catalog Number	AxBxC in.	AxBxC mm	Panel	Conductive Panel	Panel Size (in.)	Panel Size (mm)
A72XM2818SSN4	72.12 x 28.25 x 18.12	1832 x 718 x 460	A72PM28	A72PM28G	60.00 x 21.75	1524 x 552
A72XM3418SSN4	72.12 x 34.25 x 18.12	1832 x 870 x 460	A72PM34	A72PM34G	60.00 x 27.75	1524 x 705
A72XM4018SSN4	72.12 x 40.25 x 18.12	1832 x 1022 x 460	A72PM40	A72PM40G	60.00 x 33.75	1524 x 857
A84XM4018SSN4	84.12 x 40.25 x 18.12	2137 x 1022 x 460	A84PM40	A84PM40G	72.00 x 33.75	1829 x 857
A90XM4018SSN4	90.12 x 40.25 x 18.12	2289 x 1022 x 460	A90PM40	A90PM40G	78.00 x 33.75	1981 x 857
A90XM4020SSN4	90.12 x 40.25 x 20.12	2289 x 1022 x 511	A90PM40	A90PM40G	78.00 x 33.75	1981 x 857
A84XM4024SSN4	84.12 x 40.25 x 24.12	2137 x 1022 x 613	A84PM40	A84PM40G	72.00 x 33.75	1829 x 857
A90XM4024SSN4	90.12 x 40.25 x 24.12	2289 x 1022 x 613	A90PM40	A90PM40G	78.00 x 33.75	1981 x 857

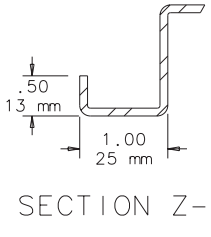
White mild steel panels are furnished with enclosure. Purchase conductive panels separately.

All 24.12-in. (613-mm) and deeper enclosures using short connecting rods in the following models require a Hoffman platform assembly, catalog number ADSCPA, purchased separately. • ABB Controls flange-operated devices • Cutler-Hammer C361 devices • Cutler-Hammer C371 mechanisms which use C371E, F, G, K operating mechanism • General Electric Type TDA devices (see next paragraph for option) • Square D Class 9422 devices (see next paragraph for option)

The platform assembly can be omitted if long connecting rods are ordered in place of short connecting rods. • For Cutler-Hammer operating mechanisms C371E and C371F order catalog number C371CS1 connecting rod. For C371G and C371K order catalog number C371CS2 connecting rod. • For General Electric devices, order catalog number TDSR extended length drive rod • For Square D devices, order catalog number 9422-R2 extra long operating rod(s). Some devices require two rods. Consult factory for space occupied on panel when platform is used.







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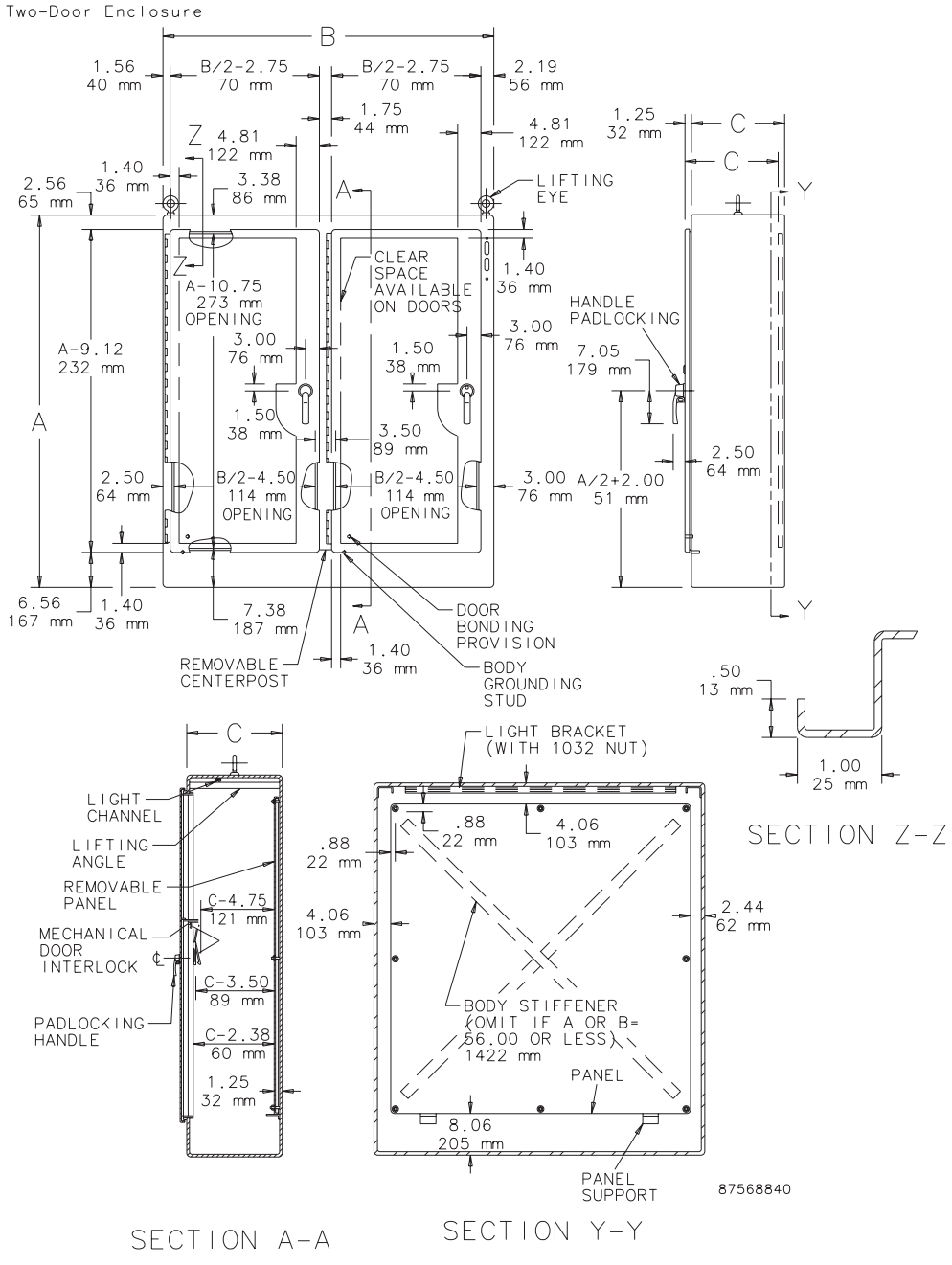
Stainless Steel Heavy Duty Disconnect Enclosures

Standard Product **Two-Door Enclosures**

Catalog Number	AxBxC in.	AxBxC mm	Panel	Conductive Panel	Panel Size (in.)	Panel Size (mm)
A72XM5418SSN4	72.12 x 54.50 x 18.12	1832 x 1384 x 460	A72PM54	A72PM54G	60.00 x 48.00	1524 x 1219
A72XM6618SSN4	72.12 x 66.50 x 18.12	1832 x 1689 x 460	A72PM66	A72PM66G	60.00 x 60.00	1524 x 1524
A72XM7818SSN4	72.12 x 78.50 x 18.12	1832 x 1994 x 460	A72PM78	A72PM78G	60.00 x 72.00	1524 x 1829
A84XM7818SSN4	84.12 x 78.50 x 18.12	2137 x 1994 x 460	A84PM78	A84PM78G	72.00 x 72.00	1829 x 1829
A90XM7818SSN4	90.12 x 78.50 x 18.12	2289 x 1994 x 460	A90PM78	A90PM78G	78.00 x 72.00	1981 x 1829
A90XM7820SSN4	90.12 x 78.50 x 20.12	2289 x 1994 x 511	A90PM78	A90PM78G	78.00 x 72.00	1981 x 1829
A72XM7824SSN4	72.12 x 78.50 x 24.12	1832 x 1994 x 613	A72PM78	A72PM78G	60.00 x 72.00	1524 x 1829
A84XM7824SSN4	84.12 x 78.50 x 24.12	2137 x 1994 x 613	A84PM78	A84PM78G	72.00 x 72.00	1829 x 1829
A90XM7824SSN4	90.12 x 78.50 x 24.12	2289 x 1994 x 613	A90PM78	A90PM78G	78.00 x 72.00	1981 x 1829

White mild steel panels are furnished with enclosure. Purchase conductive panels separately.



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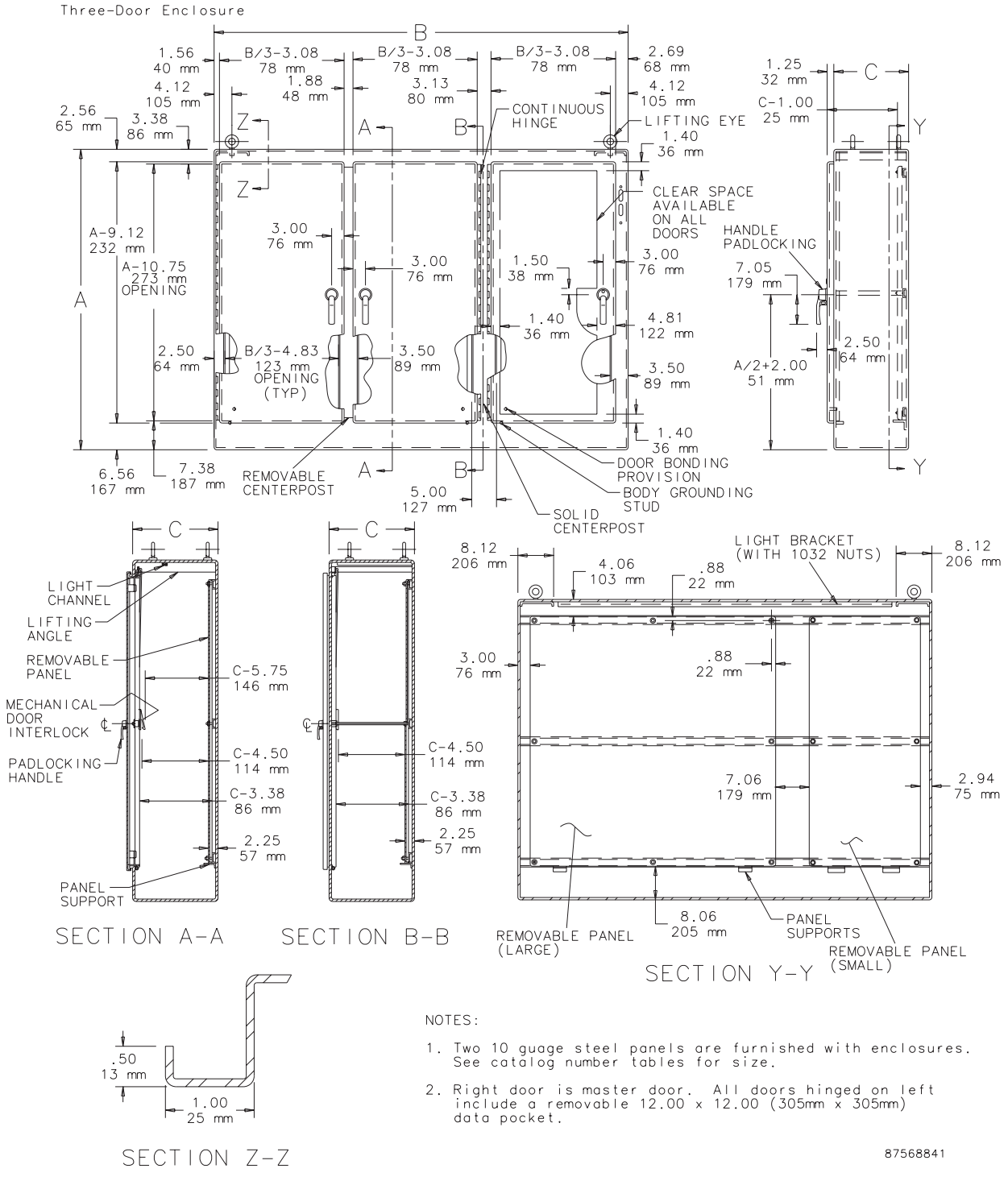
Stainless Steel Heavy Duty Disconnect Enclosures

Standard Product **Three-Door Enclosures**

Catalog Number	AxBxC in.	AxBxC mm	Large Panel	Conductive Large Panel	Number of Large Panels	Size of Large Panels (in.)	Size of Large Panels (mm)	Small Panel	Small Conductive Panel	Number of Small Panels	Size of Small Panels (in.)	Size of Small Panels (mm)
A72XM3EQ18SSN4	72.12 x 100.75 x 18.12	1832 x 2559 x 460	A72PM66	A72PM66G	1	60.00 x 60.00	1524 x 1524	A72PM34	A72PM34G	1	60.00 x 27.75	1524 x 705
A72XM3EW18SSN4	72.12 x 118.75 x 18.12	1832 x 3016 x 460	A72PM78	A72PM78G	1	60.00 x 72.00	1524 x 1829	A72PM40	A72PM40G	1	60.00 x 33.75	1524 x 857
A84XM3EW18SSN4	84.12 x 118.75 x 18.12	2137 x 3016 x 460	A84PM78	A84PM78G	1	72.00 x 72.00	1829 x 1829	A84PM40	A84PM40G	1	72.00 x 33.75	1829 x 857
A84XM3EW24SSN4	84.12 x 118.75 x 24.12	2137 x 3016 x 613	A84PM78	A84PM78G	1	72.00 x 72.00	1829 x 1829	A84PM40	A84PM40G	1	72.00 x 33.75	1829 x 857
A90XM3EW24SSN4	90.12 x 118.75 x 24.12	2289 x 3016 x 613	A90PM78	A90PM78G	1	78.00 x 72.00	1981 x 1829	A90PM40	A90PM40G	1	78.00 x 33.75	1981 x 857

White mild steel panels are furnished with enclosure. Purchase conductive panels separately.



NOTES:

1. Two 10 guage steel panels are furnished with enclosures. See catalog number tables for size.
2. Right door is master door. All doors hinged on left include a removable 12.00 x 12.00 (305mm x 305mm) data pocket.

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Stainless Steel Heavy Duty Disconnect Enclosures

Standard Product **Four- and Five-Door Enclosures**

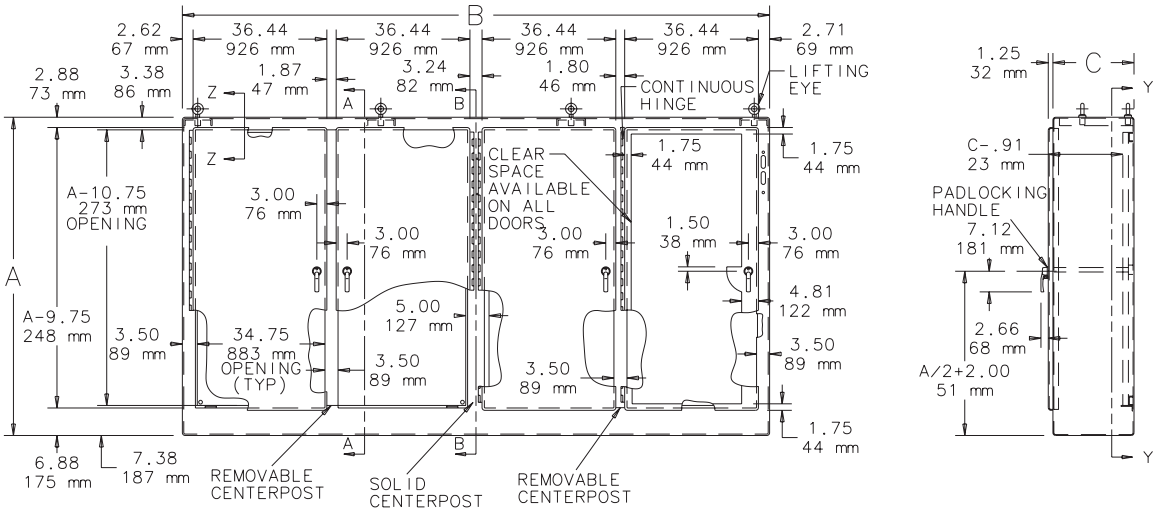
Catalog Number	AxBxC in.	AxBxC mm	Number of Doors	Panel	Number of Panels	Size of Panels (in.)	Sizes of Panels (mm)
A72XM4EW18SSN4	72.12 x 158.00 x 18.12	1832 x 4013 x 460	4	A72PM78	2	60.00 x 72.00	1524 x 1829
A84XM4EW18SSN4	84.12 x 158.00 x 18.12	2137 x 4013 x 460	4	A84PM78	2	72.00 x 72.00	1829 x 1829
A84XM5EW24SSN4	84.12 x 197.75 x 24.12	2137 x 5023 x 613	5	A84PM78 and A84PM40	2 and 1	72.00 x 72.00 and 72.00 x 33.75	1829 x 1829 and 1329 x 857

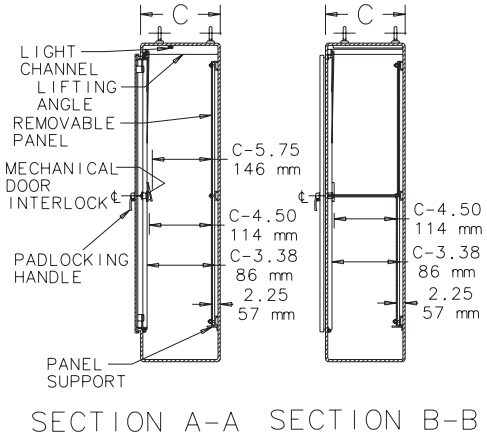
White mild steel panels are furnished with enclosure. Optional conductive panels are available.

All 24.12-in. (613-mm) and deeper enclosures using short connecting rods in the following models require a Hoffman platform assembly, catalog number ADSCPA, purchased separately. • ABB Controls flange-operated devices • Eaton Cutler-Hammer C361 devices • Eaton Cutler-Hammer C371 mechanisms which use C371E, F, G, K operating mechanism • General Electric Type TDA devices (see next paragraph for option) • Schneider Square D Class 9422 devices (see next paragraph for option)

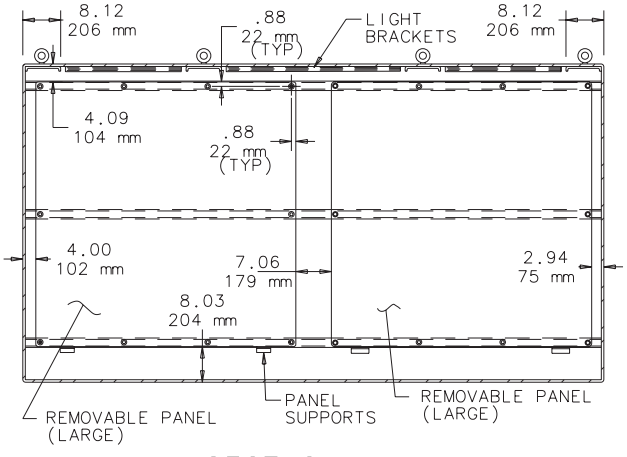
The platform assembly can be omitted if long connecting rods are ordered in place of short connecting rods. • For Eaton Cutler-Hammer operating mechanisms C371E and C371F order catalog number C371CS1 connecting rod. For C371G and C371K order catalog number C371CS2 connecting rod. • For General Electric devices, order catalog number TDSR extended length drive rod • For Schneider Square D devices, order catalog number 9422-R2 extra long operating rod(s). Some devices require two rods. Consult factory for space occupied on panel when platform is used.

Four-Door Enclosure





SECTION A-A SECTION B-B



SECTION Y-Y

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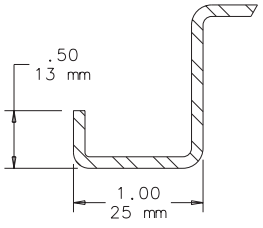

SECTION Z-Z

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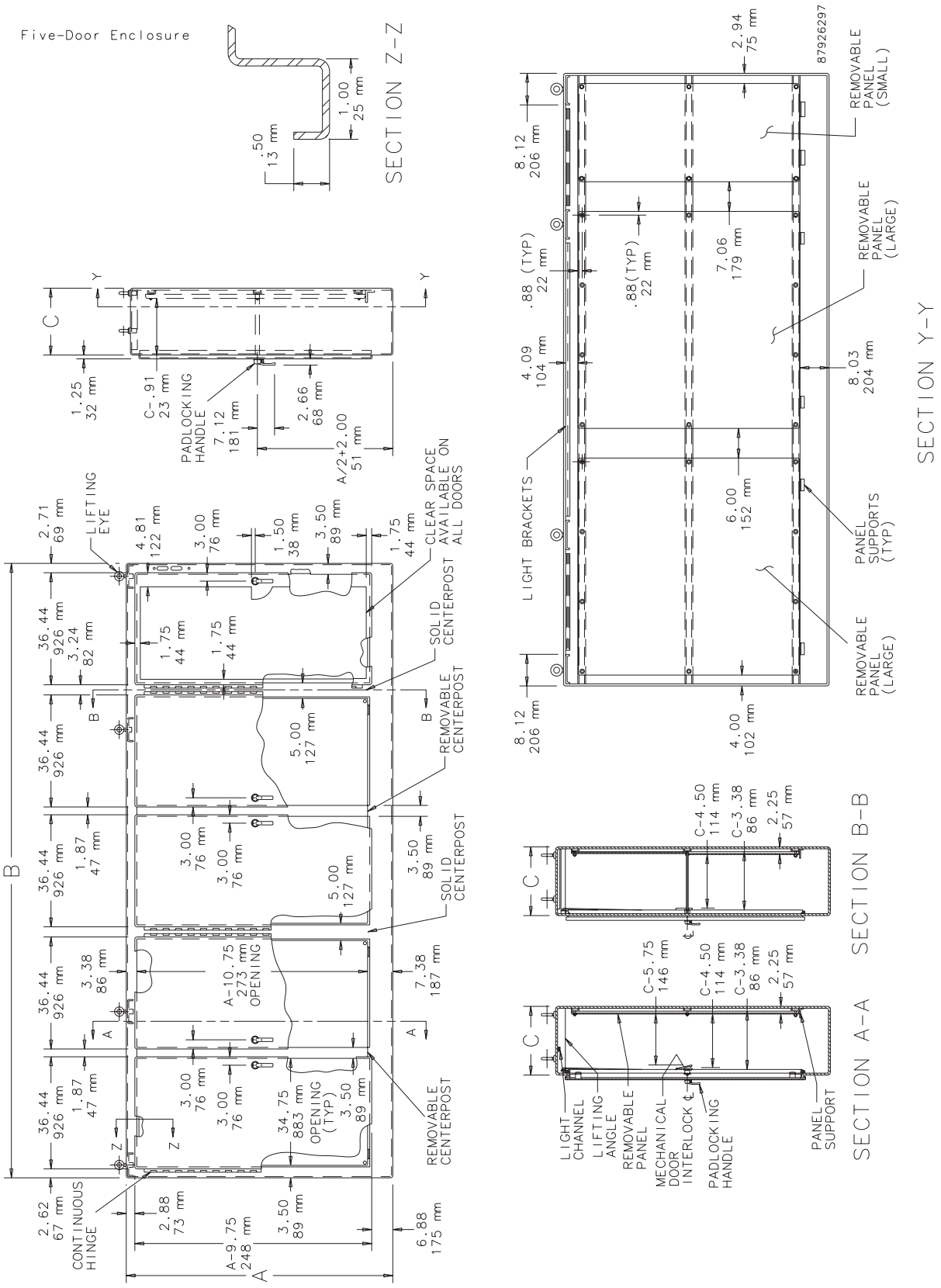
Stainless Steel Heavy Duty Disconnect Enclosures



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Stainless Steel Heavy Duty Disconnect Enclosures

Disconnect Mounting Space

Disconnects will occupy space on panel shown by dimensions E1, F1 and G1 in the diagram. Wiring space W1 is available when disconnect is installed in the enclosure.
See the Technical Information section for E1 Spacing by Enclosure Height for various disconnect switch manufacturers.
Refer to *National Electrical Code®*, 2005 article 430-10(b) for wiring space required for line side conductors to be connected to disconnect.
Verify your application to determine if wiring space is adequate.

All 24.12-in. (613-mm) and deeper enclosures using short connecting rods by the following manufacturers require a Hoffman platform assembly, catalog number ADSCPA, purchased separately.

- ABB Controls flange-operated devices
- Eaton Cutler-Hammer C361 devices
- Eaton Cutler-Hammer C371 mechanisms which use C371E, F, G, K operating mechanism (see Disconnect Enclosure Accessories)
- General Electric Type TDA devices (see Disconnect Enclosure Accessories)
- Schneider Square D® Class 9422 devices (see Disconnect Enclosure Accessories)

The platform assembly can be omitted if long connecting rods are ordered in place of short connecting rods.

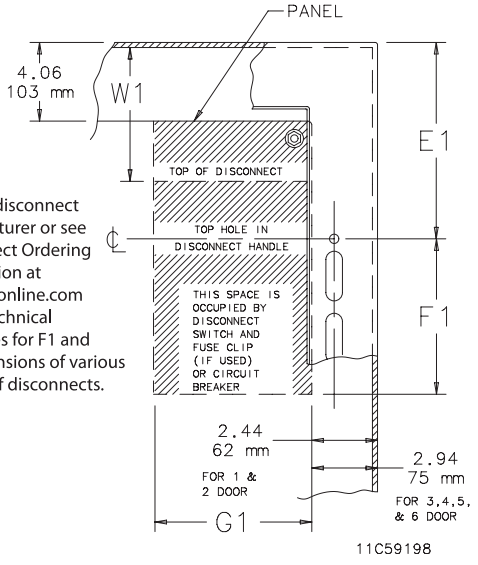
- For Eaton Cutler-Hammer operating mechanisms C371E and C371F order catalog number C371CS1 connecting rod. For C371G and C371K order catalog number C371CS2 connecting rod.
- For General Electric devices, order catalog number TDSR extended length drive rod
- For Schneider Square D devices, order catalog number 9422-R2 extra long operating rod(s). Some devices require two rods.

Consult factory for space occupied on panel when platform is used.

A Complete Assembly Consists of:

1. An enclosure
2. A panel
3. An operator adapter (see Disconnect Enclosure Accessories in this publication to select the proper operator adapter for the brand and type of disconnect being used). *Door hardware is furnished with enclosure.*
4. A disconnect device.

Consult disconnect manufacturer or see Disconnect Ordering Information at hoffmanonline.com under Technical Resources for F1 and G1 dimensions of various brands of disconnects.



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Notes

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Hoffman WATERSHED® Free-Standing SS Disconnect Enclosures

Industry Standards

UL 508A Listed; Type 3, 3R, 4, 4X, 12; File Number E61997
cUL Listed per CSA C22.2 No. 94; Type 3, 3R, 4, 4X, 12; File No. E61997

NSF 169
NEMA/EEMAC: Type 3R, 4, 4X, 12
IEC 60529, IP66
Meets NEMA Type 3RX requirements

Application

The Hoffman WATERSHED® Stainless Steel Free-Stand Disconnect Enclosure, with its unique design and type 4X rating, is a perfect fit for mounting electrical or high-tech electronic equipment in settings such as sanitary washdown production environments, petrochemical plants, pulp and paper facilities, and water treatment plants.

Specifications

- Manufactured from 12 gauge Type 304 stainless steel; back is 10 gauge
- Seams continuously welded and ground smooth
- Smooth Type 304 stainless steel lift-off bullet-style hinges
- Hinges are shielded by door edges
- Hinged side of door has provisions to allow direct flushing of hinge area
- 20-degree sloped top facilitates runoff of water and cleaning solutions and prohibits placement of objects on top of enclosure
- 170-degree door opening
- Door edges are sloped 20 degrees at top and bottom edges to facilitate runoff
- Slanted flange trough collar prohibits pooling of fluids along the top edge of the enclosure opening
- Heavy-duty three-point latching mechanism operated by a Type 316 stainless steel POWERGLIDE® padlocking handle on all doors
- Master door has POWERGLIDE handle with integral screwdriver defeater
- Mechanical interlock activated by master door prevents slave doors from being opened first. Doors can be closed in any order.
- Master door is far right-hand door on all enclosures
- Seamless foam-in-place one-piece gasket provides an oil-tight, water-tight and dust-tight seal against contaminants
- Bonding provision on doors; grounding stud on body
- Accessory mounting channel provided in enclosure top
- Heavy-duty lifting eyes are Type 316 stainless steel
- Removable centerpost permits easy panel installation
- Panel studs accept optional NEMA-size panels
- Preferred cutout on right flange provides mounting for most disconnect operators
- Mounting holes in bottom of enclosure for direct mounting or for optional sanitary legs or stainless steel floor stands
- Furnished hardware kit consists of panel mounting nuts, grounding hardware and hole seals for bottom mounting holes
- Ends of latch rods have rollers for easier

Finish

Stainless steel enclosures are unpainted. External surfaces have a #4 brushed finish. Optional mild steel panels are painted white. Optional conductive panels are available.

Accessories

See also Accessories.
Industrial Corrosion Inhibitors
Floor Stand Kit
Panels for Type 3R, 4, 4X, 12 and 13 Enclosures
Operator Adapters for Preferred Cutouts
Sanitary Leg Kits
An operator adapter for a preferred cutout must be ordered separately.

Bulletin: WS2D

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Hoffman WATERSHED® Stainless Steel

Standard Product

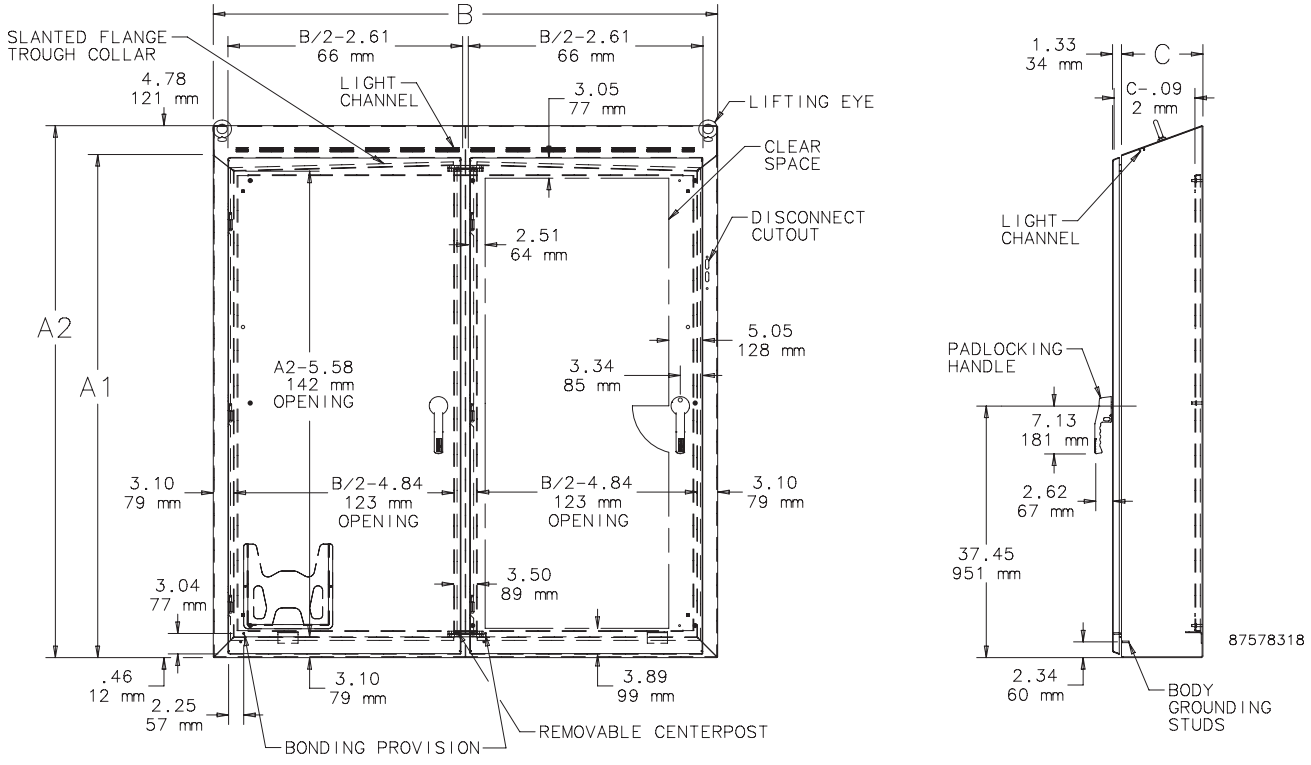
Catalog Number	AxBxC in./mm	A1 in./mm	A2 in./mm	B in./mm	C in./mm	Panel	Conductive Panel
WS62XM5112SS	62.00 x 51.00 x 12.00	62.81	67.20	51.09	12.12	A60P48	A60P48G
	1575 x 1295 x 305	1595	1707	1298	308		
WS62XM5118SS	62.00 x 51.00 x 18.00	62.81	67.20	51.09	18.12	A60P48	A60P48G
	1575 x 1295 x 457	1595	1707	1298	460		
WS62XM6312SS	62.00 x 63.00 x 12.00	62.81	67.20	63.09	12.12	A60P60	A60P60G
	1575 x 1600 x 305	1595	1707	1602	305		
WS62XM6318SS	62.00 x 63.00 x 18.00	62.81	67.20	63.09	18.12	A60P60	A60P60G
	1575 x 1602 x 457	1595	1707	1602	460		
WS74XM6312SS	74.00 x 63.00 x 12.00	74.81	79.20	63.09	12.12	A72P60	A72P60G
	1880 x 1600 x 305	1900	2012	1602	305		
WS74XM6318SS	74.00 x 63.00 x 18.00	74.81	81.38	63.09	18.12	A72P60	A72P60G
	1880 x 1600 x 457	1900	2067	1602	460		
WS74XM7512SS	74.00 x 75.00 x 12.00	74.81	79.20	75.09	12.12	A72P72	A72P72G
	1880 x 1905 x 305	1900	2012	1907	305		
WS74XM7518SS	74.00 x 75.00 x 18.00	74.81	81.38	75.09	18.12	A72P72	A72P72G
	1880 x 1905 x 457	1900	2067	1907	460		
WS74XM7524SS	74.00 x 75.00 x 24.00	74.81	83.57	75.09	24.12	A72P72	A72P72G
	1880 x 1905 x 610	1900	2123	1907	613		

A x B x C are nominal dimensions.

Purchase panels separately.

All 24.12-in. (613-mm) and deeper enclosures using short connecting rods by the following manufacturers require a Hoffman platform assembly, catalog number ADSCPA, purchased separately. • ABB Controls flange-operated devices • Cutler-Hammer C361 devices • Eaton Cutler-Hammer C371 mechanisms which use C371E, F, G, K operating mechanism (see next paragraph for option) • General Electric Type TDA devices (see next paragraph for option) • Schneider Square D Class 9422 devices (see next paragraph for option)

The platform assembly can be omitted if long connecting rods are ordered in place of short connecting rods. • For Eaton Cutler-Hammer operating mechanisms C371E and C371F order catalog number C371CS1 connecting rod. For C371G and C371K order catalog number C371CS2 connecting rod. • For General Electric devices, order catalog number TDSR extended length drive rod • For Schneider Square D devices, order catalog number 9422-R2 extra long operating rod(s). Some devices require two rods. Consult factory for space occupied on panel when platform is used.



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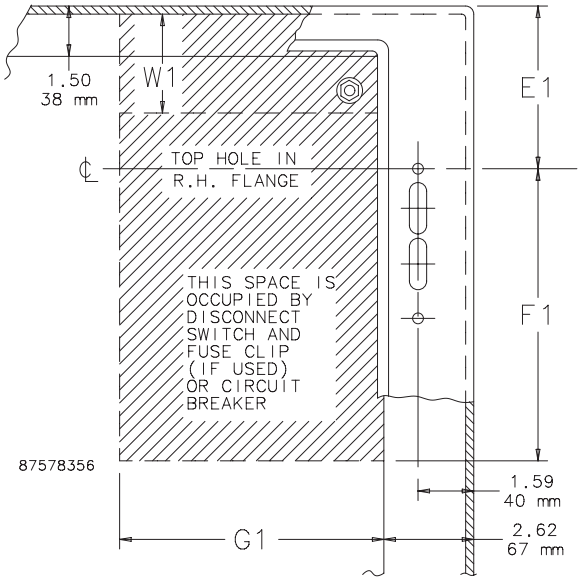
Disconnect Mounting Space

Disconnects are located by dimension E1. Wiring space W1 is available when disconnect is installed in the enclosure.
E1 = 8.62 in. (219 mm) when C = 8.00 in. (203 mm)
E1 = 11.62 in. (295 mm) when C = 12.00 in. (305 mm)
W1 = Wiring Space.
See Technical Information for wire bend space.
Refer to *National Electrical Code* ® 2005 article 430.10(B) for wiring space required for line side conductors to be connected to disconnect. Verify your application to determine if wiring space is adequate.
Verify your application to determine if wiring space is adequate.



Consult disconnect manufacturer or see Disconnect Ordering Information at hoffmanonline.com under Technical Resources for F1 and G1 dimensions of various brands of disconnects.

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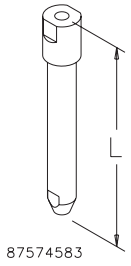
Sanitary Leg Kits

Sanitary Leg Kits provide space between the enclosure and the floor for better washdown accessibility. Available with fixed or independently adjustable legs. Adjustable leg shown. Four legs per kit. Maintains NEMA Type 4X rating when properly installed on a Hoffman Type 4X enclosure.

Bulletin: WSY

Catalog Number	Description	Size L (in.)	Size L (mm)
WSASLKSS	Adjustable Sanitary Leg Kit	11.50 -12.50	292 -318
WSFSLKSS	Fixed Sanitary Leg Kit	12.00	305



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Free-Stand Universal-Cutout Disconnect Overview

Universal Cutout Overview

Application

The universal cutout is used in large freestand and floorstand enclosures, i.e., Bulletins A21(S), A28(S) and A34. Operator Adapter Kits are required in order to install the various manufacturers' hardware. Note that 400 A (or greater) disconnect switches and 600 A (or greater) circuit breakers need to use the "Large" or "High Amp" cutout, which is provided in the A21ABVA kit for Allen-Bradley variable-depth disconnect switches or the A21ITE kit for Siemens (and select other manufacturers) flex-cable devices. The "Large" or "High Amp" cutout accepts the larger operating handle whose mounting hole centers are 6.500-in. apart.

Universal cutouts are designed to house the following:

Allen-Bradley

- Bulletin 1494F flange-mount disconnect switches and Bulletin 1494D flange-mount operators for circuit breakers
- Bulletin 1494V disconnect switches with flange-mount variable-depth operating mechanisms and Bulletin 1494V flange-mount variable-depth operating mechanisms for circuit breakers
- Bulletin 140U flexible cable operating mechanisms for 140U molded case circuit breakers
- Bulletin 1494C cable-operated disconnect switches with flange-mount handles
- Bulletin 194RC cable-operated flange-mount handles for use with the NFPA 79 compliant 194R IEC rotary disconnect switches

Allen-Bradley Bulletin 1494V-R1, -R2 and -W2 operating handles and Allen-Bradley Bulletin 1494F disconnect devices or Bulletin 1494D circuit breaker operators will NOT fit these enclosures.

ABB Controls flange-mount variable-depth operating mechanisms for disconnect switches and circuit breakers. Also the cable version for circuit breakers.

Eaton Cutler-Hammer Type C361 disconnect switches and operator mechanisms, and Type C371 circuit breakers and circuit breaker operating mechanisms. Also Type SM safety handle mechanisms and 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 SPECTRAFLEX™ cable operators for circuit breakers.

Siemens ITE MAX FLEX® flange-mount variable-depth operating handles for disconnect switches and circuit breakers.

Schneider Square D® disconnect switches and circuit breakers used with Class 9422 flange-mount variable-depth operating mechanisms or cable mechanisms.
These enclosures will NOT receive Class 9422 bracket-mount disconnect devices, Class 9422TG1 or TG2 devices.

Disconnect Enclosures with Universal Cutout
Universal cutout requires an operator adapter for the brand and type of disconnect being used. See Disconnect Enclosure Accessories to select the operator adapter.

Ordering

The disconnect switch, operating handle and operating mechanism must be ordered separately. See Technical Information in the Hoffman Specifier's Guide for wire bend space available when various manufacturers' disconnect switches are installed, or Disconnect Ordering Information at hoffmanonline.com for disconnect ordering guidelines and wire bend space available. Check the enclosure dimension drawings to verify the chosen disconnect switch will fit in the enclosure.

All 24.12-in. (613-mm) and deeper enclosures using short connecting rods by the following manufacturers require a Hoffman platform assembly, catalog number ADSCPA, purchased separately.

- ABB Controls flange-operated devices
- Eaton Cutler-Hammer C361 devices
- Eaton Cutler-Hammer C371 mechanisms which use C371E, F, G, K operating mechanism (see Disconnect Enclosure Accessories)
- General Electric Type TDA devices (see Disconnect Enclosure Accessories)
- Schneider Square D® Class 9422 devices (see Disconnect Enclosure Accessories)

The platform assembly can be omitted if long connecting rods are ordered in place of short connecting rods.

- For Eaton Cutler-Hammer operating mechanisms C371E and C371F order catalog number C371CS1 connecting rod. For C371G and C371K order catalog number C371CS2 connecting rod.
- For General Electric devices, order catalog number TDSR extended length drive rod
- For Schneider Square D devices, order catalog number 9422-R2 extra long operating rod(s). Some devices require two rods.

Consult factory for space occupied on panel when platform is used.

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Free-Stand Type 12 Disconnect Enclosures

Two-Door with Floor Stands Disconnect Enclosure, Type 12

Industry Standards

UL 508A Listed; Type 12; File No. E61997
cUL Listed per CSA C22.2 No. 94; Type 12; File No. E61997

NEMA/EEMAC Type 12
CSA File No. 42186: Type 12
IEC 60529, IP55

Application

A disconnect can be installed on the centerpost or right side of this enclosure. Floor stands provide additional height and access for cleaning under the enclosure.

Specifications

- 10 gauge steel
- Seams continuously welded and ground smooth
- Body stiffeners in larger enclosures for extra rigidity
- Body flange trough excludes liquids and contaminants
- Removable centerposts permit easy panel installation
- Heavy gauge continuous hinges
- Heavy-duty 3-point latching mechanism operated by padlocking handle on all doors
- Rollers on ends of latch rods for easier door closing
- Heavy-duty lifting eyes anchor into reinforced top
- Data pocket is high impact thermoplastic
- 15-in. floor stands are welded to enclosure
- Provisions for mounting lights
- Oil-resistant door gasket
- Panel supports
- Collar studs provided for mounting optional panels
- Master door is right-hand door on X enclosures and left-hand door on CPX enclosures
- Integral defeater on master door handle requires a screwdriver to open
- Mechanical interlock operated by master door prevents slave door from being opened first. Doors can be closed in any order.
- Includes door hardware

Finish

White interior with ANSI 61 gray exterior finish over pretreated surfaces. Optional panels have white or conductive finish.

Accessories

See also Accessories.
Blank Adapter Plates, Mild Steel
INTERSAFE® Data Interface Ports, Type 4/4X/12
Operator Adapters for Universal Cutouts
Panels for Type 3R, 4, 4X, 12 and 13 Enclosures
Steel and Stainless Steel Window Kits

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: A21

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Free-Stand Type 12 Disconnect Enclosures

Standard Product **Provision for Disconnect Operator on Right Flange**

Catalog Number	AxBxC in./mm	Panel	Conductive Panel	Panel Size D x E in./mm	Stiffener Position S in./mm
A60X4912LPFTC	60.12 x 49.75 x 12.12 1527 x 1264 x 308	A60P48	A60P48G	56.00 x 44.00 1422 x 1118	None None
A60X6112LPFTC	60.12 x 61.75 x 12.12 1527 x 1568 x 308	A60P60	A60P60G	56.00 x 56.00 1422 x 1422	21.00 533
A72X6112LPFTC	72.12 x 61.75 x 12.12 1832 x 1568 x 308	A72P60	A72P60G	68.00 x 56.00 1727 x 1422	21.00 533
A72X7312LPFTC	72.12 x 73.75 x 12.12 1832 x 1873 x 308	A72P72	A72P72G	68.00 x 68.00 1727 x 1727	24.00 610
A60X4918LPFTC	60.12 x 49.75 x 18.12 1527 x 1264 x 460	A60P48	A60P48G	56.00 x 44.00 1422 x 1118	None None
A60X6118LPFTC	60.12 x 61.75 x 18.12 1527 x 1568 x 460	A60P60	A60P60G	56.00 x 56.00 1422 x 1422	21.00 533
A72X6118LPFTC	72.12 x 61.75 x 18.12 1832 x 1568 x 460	A72P60	A72P60G	68.00 x 56.00 1727 x 1422	21.00 533
A72X7318LPFTC	72.12 x 73.75 x 18.12 1832 x 1873 x 460	A72P72	A72P72G	68.00 x 68.00 1727 x 1727	24.00 610
A60X4924LPFTC	60.12 x 49.75 x 24.12 1527 x 1264 x 613	A60P48	A60P48G	56.00 x 44.00 1422 x 1118	None None
A60X6124LPFTC	60.12 x 61.75 x 24.12 1527 x 1568 x 613	A60P60	A60P60G	56.00 x 56.00 1422 x 1422	21.00 533
A72X7324LPFTC	72.12 x 73.75 x 24.12 1832 x 1873 x 613	A72P72	A72P72G	68.00 x 68.00 1727 x 1727	24.00 610

Purchase panels separately.

All 24.12-in. (613-mm) and deeper enclosures using short connecting rods in the following models require a Hoffman platform assembly, catalog number ADSCLPA, purchased separately. • ABB Controls flange-operated devices • Eaton Cutler-Hammer C361 devices • Eaton Cutler-Hammer C371 mechanisms which use C371E, F, G, K operating mechanism (see footnote below) • General Electric Type TDA devices (see footnote below) • Schneider Square D Class 9422 devices (see footnote below)

The platform assembly can be omitted if long connecting rods are ordered in place of short connecting rods. • For Eaton Cutler-Hammer operating mechanisms C371E and C371F order catalog number C371CS1 connecting rod. For C371G and C371K order catalog number C371CS2 connecting rod. • For General Electric devices, order catalog number TDSR extended length drive rod • For Schneider Square D devices, order catalog number 9422-R2 extra long operating rod(s). Some devices require two rods.

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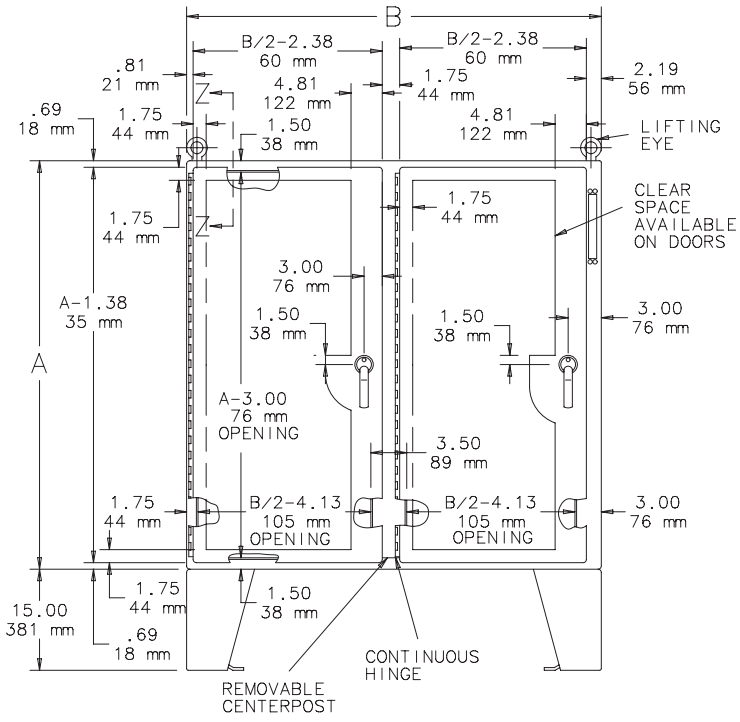
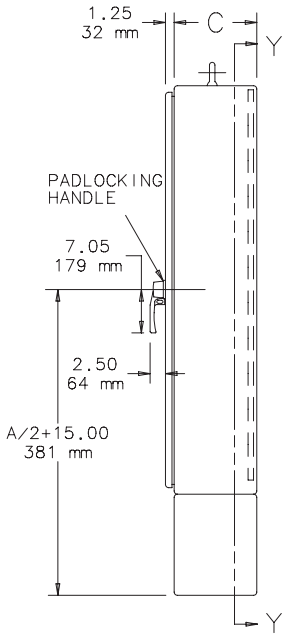
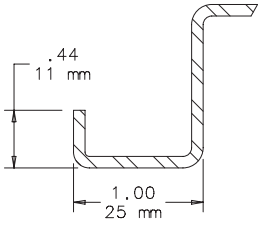
Free-Stand Type 12 Disconnect Enclosures

Disconnect Operator on Right Flange

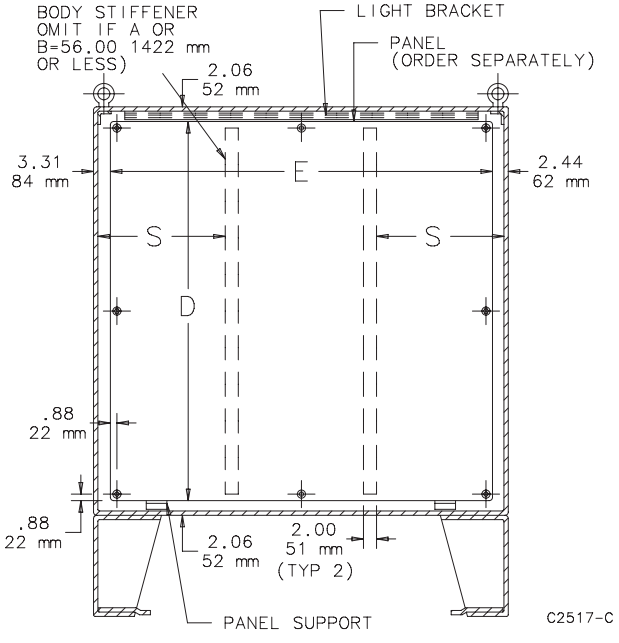




NOTE: 1. Panels are 10 gauge steel. Right door is master door.
2. Right door includes removable 12.00 x 12.00 data pocket.



SECTION Z-Z



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Free-Stand Type 12 Disconnect Enclosures

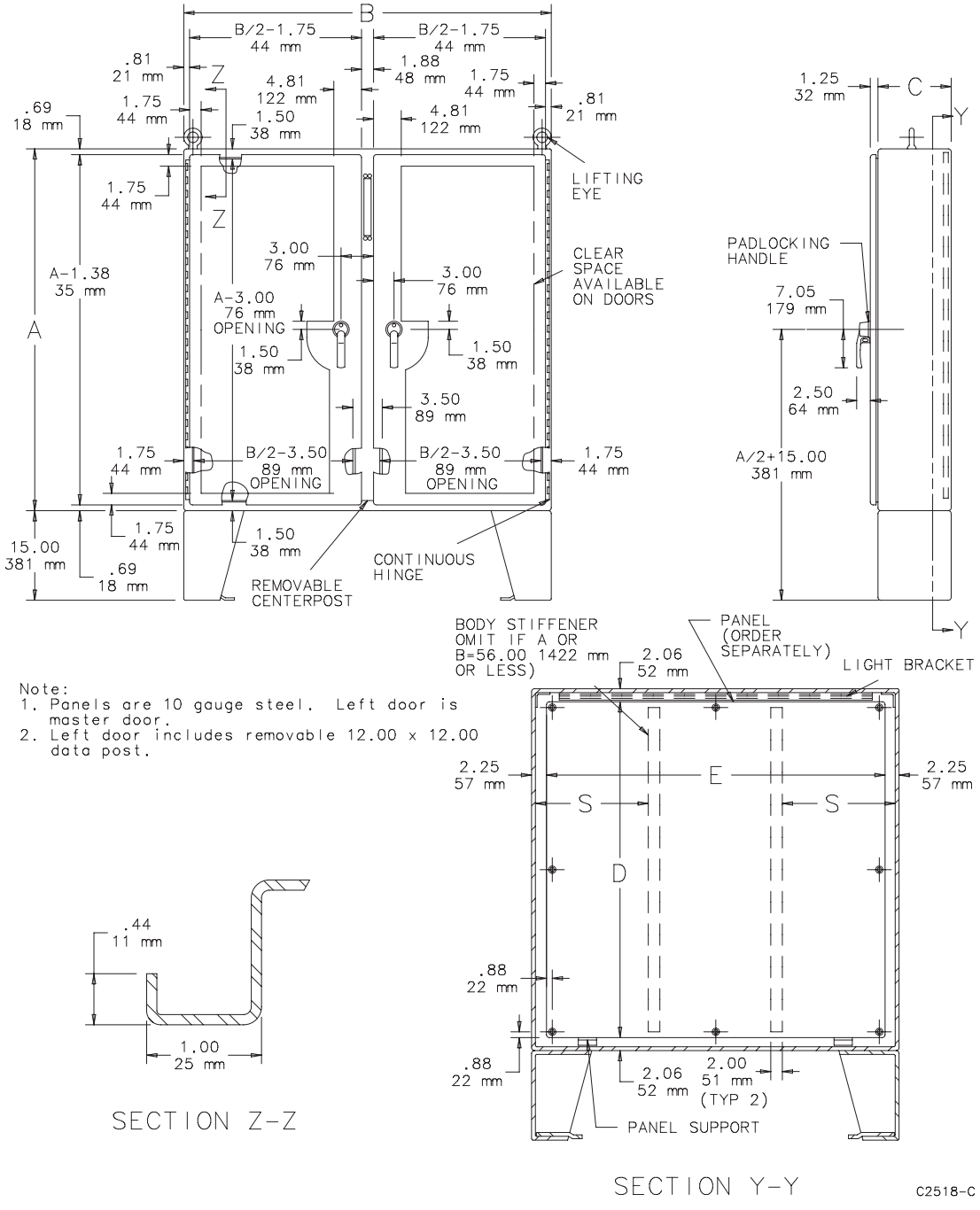
Standard Product **Provision for Disconnect Operator on Centerpost**

Catalog Number	AxBxC in./mm	Panel	Conductive Panel	Panel Size D x E in./mm	Stiffener Position S in./mm
A60CPX4812LPFTC	60.12 x 48.50 x 12.12	A60P48	A60P48G	56.00 x 44.00	None
	1527 x 1232 x 308			1422 x 1118	None
A60CPX6012LPFTC	60.12 x 60.50 x 12.12	A60P60	A60P60G	56.00 x 56.00	21.00
	1527 x 1537 x 308			1422 x 1422	533
A72CPX7212LPFTC	72.12 x 72.50 x 12.12	A72P72	A72P72G	68.00 x 68.00	24.00
	1832 x 1841 x 308			1727 x 1727	610
A72CPX7218LPFTC	72.12 x 72.50 x 18.12	A72P72	A72P72G	68.00 x 68.00	24.00
	1832 x 1841 x 460			1727 x 1727	610

Purchase panels separately.

The platform assembly can be omitted if long connecting rods are ordered in place of short connecting rods. • For Cutler-Hammer operating mechanisms C371E and C371F order catalog number C371CS1 connecting rod. For C371G and C371K order catalog number C371CS2 connecting rod. • For General Electric devices, order catalog number TDSR extended length drive rod • For Square D devices, order catalog number 9422-R2 extra long operating rod(s). Some devices require two rods.

Disconnect Operator on Centerpost



Note:
1. Panels are 10 gauge steel. Left door is master door.
2. Left door includes removable 12.00 x 12.00 data post.

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Free-Stand Type 12 Disconnect Enclosures

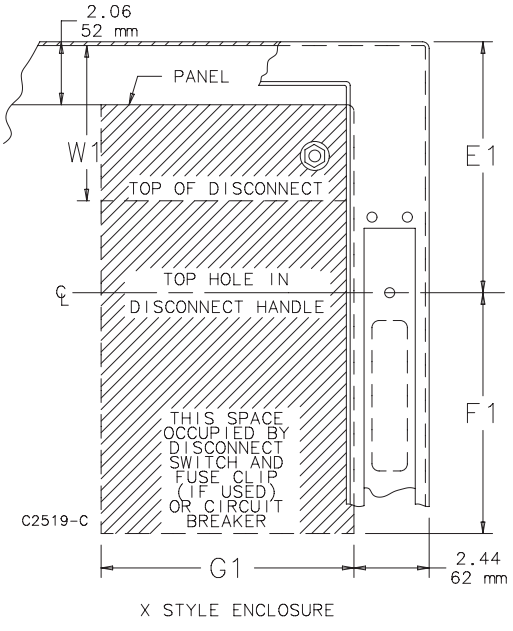
Disconnect Mounting Space

Disconnects are located by dimension E1. Wiring space W1 is available when disconnect is installed in the enclosure. See Technical Information chapter for E1 Spacing by Enclosure Height for various disconnect switch manufacturers.

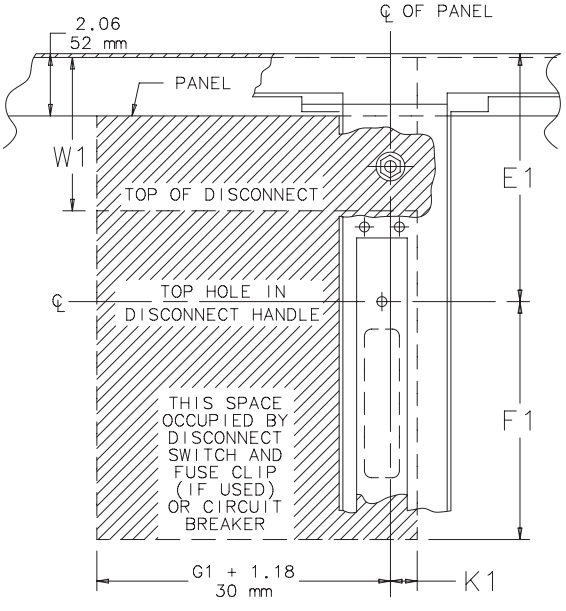
W1 = Wiring Space
See Technical Information chapter for wire bend space.

Refer to ***NATIONAL ELECTRICAL CODE, 2005*** article 430-10(b) for wiring space required for line side conductors to be connected to disconnect. **Verify your application to determine whether wiring space is adequate.**

Consult Space Occupied by Disconnect drawing to determine whether the disconnect device you are using will fit the enclosure size you have selected.



X STYLE ENCLOSURE



CPX STYLE ENCLOSURE

Consult disconnect manufacturer or see Disconnect Ordering Information at hoffmanonline.com under Technical Resources for F1 and G1 dimensions of various brands of disconnects.

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Free-Stand Type 12 Disconnect Enclosures

Heavy-Duty Free-Stand Disconnect Enclosure, Type 12

Application

Simple, heavy-duty and cost-effective, this disconnect enclosure can be ordered with one to six doors to fit a range of applications.

Specifications

- 10 gauge steel
- Seams continuously welded and ground smooth
- Body stiffeners in larger enclosures for extra rigidity
- Body flange trough excludes liquids and contaminants
- Heavy-duty lifting eyes anchor into reinforced top
- Removable centerposts permit easy panel installation
- Heavy gauge continuous hinges
- Heavy-duty 3-point latching mechanism operated by padlocking handle on all doors
- Ends of latch rods have rollers for easier door closing
- Panel supports
- Data pocket is high-impact thermoplastic
- Oil-resistant gasket
- Master door is far right-hand door on all enclosures
- Defeater on primary door requires a screwdriver to open
- Mechanical interlock activated by master door prevents slave doors from being opened first. Doors can be closed in any order.
- Universal cutout on right flange provides mounting for most disconnect operators by using operator adapters
- Models available with panel included or panel sold separately
- FTC models include removable painted 10 gauge steel panels which mount on collar studs
- Includes door hardware

Finish

White inside with ANSI 61 gray outside finish over pretreated surfaces. Panels have white or conductive finish.

Accessories

See also Accessories.
Blank Adapter Plates, Mild Steel
Blower Fan Package
Floor Stand Kit
Operator Adapters for Universal Cutouts
Panels for Type 3R, 4, 4X, 12 and 13 Enclosures

Industry Standards

UL 508A Listed; Type 12; File No. E61997
cUL Listed per CSA C22.2 No. 94; Type 12; File No. E61997

NEMA/EEMAC Type 12
CSA File No. 42186: Type 12
IEC 60529, IP55

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: A28M1, A28M2, A28MM

Standard Product **One-Door Enclosures**

Catalog Number	AxBxC in./mm	With or Without Panel	Painted Panel	Conductive Panel	Panel Size in./mm
A72XM2818FTC	72.12 x 28.25 x 18.12 1832 x 718 x 460	With	A72PM28	A72PM28G	60.00 x 21.75 1524 x 552
A72XM2818FTCLP	72.12 x 28.25 x 18.12 1832 x 718 x 460	Without	—	—	— —
A72XM3418FTC	72.12 x 34.25 x 18.12 1832 x 870 x 460	With	A72PM34	A72PM34G	60.00 x 27.75 1524 x 705
A72XM3418FTCLP	72.12 x 34.25 x 18.12 1832 x 870 x 460	Without	—	—	— —
A72XM4018FTC	72.12 x 40.25 x 18.12 1832 x 1022 x 460	With	A72PM40	A72PM40G	60.00 x 33.75 1524 x 857
A72XM4018FTCLP	72.12 x 40.25 x 18.12 1832 x 1022 x 460	Without	—	—	— —
A84XM4018FTC	84.12 x 40.25 x 18.12 2137 x 1022 x 460	With	A84PM40	A84PM40G	72.00 x 33.75 1829 x 857
A84XM4018FTCLP	84.12 x 40.25 x 18.12 2137 x 1022 x 460	Without	—	—	— —
A90XM4018FTC	90.12 x 40.25 x 18.12 2289 x 1022 x 460	With	A90PM40	A90PM40G	78.00 x 33.75 1981 x 857
A90XM4018FTCLP	90.12 x 40.25 x 18.12 2289 x 1022 x 460	Without	—	—	— —
A90XM4020FTC	90.12 x 40.25 x 20.12 2289 x 1022 x 511	With	A90PM40	A90PM40G	78.00 x 33.75 1981 x 857

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Free-Stand Type 12 Disconnect Enclosures

Catalog Number	AxBxC in./mm	With or Without Panel	Painted Panel	Conductive Panel	Panel Size in./mm
A90XM4020FTCLP	90.12 x 40.25 x 20.12 2289 x 1022 x 511	Without	—	—	— —
A84XM4024FTC	84.12 x 40.25 x 24.12 2137 x 1022 x 613	With	A84PM40	A84PM40G	72.00 x 33.75 1829 x 857
A84XM4024FTCLP	84.12 x 40.25 x 24.12 2137 x 1022 x 613	Without	—	—	— —
A90XM4024FTC	90.12 x 40.25 x 24.12 2289 x 1022 x 613	With	A90PM40	A90PM40G	78.00 x 33.75 1981 x 857
A90XM4024FTCLP	90.12 x 40.25 x 24.12 2289 x 1022 x 613	Without	—	—	— —

All 24.12-in. (613-mm) and deeper enclosures using short connecting rods in the following models require a Hoffman platform assembly, catalog number ADSCPA, purchased separately. • ABB Controls flange-operated devices • Cutler-Hammer C361 devices • Cutler-Hammer C371 mechanisms which use C371E, F, G, K operating mechanism • General Electric Type TDA devices (see next paragraph for option) • Square D Class 9422 devices (see next paragraph for option)

The platform assembly can be omitted if long connecting rods are ordered in place of short connecting rods. • For Cutler-Hammer operating mechanisms C371E and C371F order catalog number C371CS1 connecting rod. For C371G and C371K order catalog number C371CS2. • For General Electric devices, order catalog number TDSR extended length drive rod • For Square D devices, order catalog number 9422-R2 extra long operating rod(s). Some devices require two rods. Consult factory for space occupied on panel when platform is used.

Enclosures with panel include a painted panel. Order conductive panels separately.

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Free-Stand Type 12 Disconnect Enclosures

Standard Product **Two-Door Enclosures**

Catalog Number	AxBxC in./mm	With or Without Panel	Stiffener Locations in./mm	Painted Panel	Conductive Panel	Panel Size in./mm
A72XM5418FTC	72.12 x 54.50 x 18.12 1832 x 1384 x 460	With	None None	A72PM54	A72PM54G	60.00 x 48.00 1524 x 1219
A72XM5418FTCLP	72.12 x 54.50 x 18.12 1832 x 1384 x 460	Without	None None	—	—	— —
A72XM6618FTC	72.12 x 66.50 x 18.12 1832 x 1689 x 460	With	21.00 533	A72PM66	A72PM66G	60.00 x 60.00 1524 x 1524
A72XM6618FTCLP	72.12 x 66.50 x 18.12 1832 x 1689 x 460	Without	21.00 533	—	—	— —
A72XM7818FTC	72.12 x 78.50 x 18.12 1832 x 1994 x 460	With	24.00 610	A72PM78	A72PM78G	60.00 x 72.00 1524 x 1829
A72XM7818FTCLP	72.12 x 78.50 x 18.12 1832 x 1994 x 460	Without	24.00 610	—	—	— —
A84XM7818FTC	84.12 x 78.50 x 18.12 2137 x 1994 x 460	With	24.00 610	A84PM78	A84PM78G	72.00 x 72.00 1829 x 1829
A84XM7818FTCLP	84.12 x 78.50 x 18.12 2137 x 1994 x 460	Without	24.00 610	—	—	— —
A90XM7818FTC	90.12 x 78.50 x 18.12 2289 x 1994 x 460	With	24.00 610	A90PM78	A90PM78G	78.00 x 72.00 1981 x 1829
A90XM7818FTCLP	90.12 x 78.50 x 18.12 2289 x 1994 x 460	Without	24.00 610	—	—	— —
A90XM7820FTC	90.12 x 78.50 x 20.12 2289 x 1994 x 511	With	24.00 610	A90PM78	A90PM78G	78.00 x 72.00 1981 x 1829
A90XM7820FTCLP	90.12 x 78.50 x 20.12 2289 x 1994 x 511	Without	24.00 610	—	—	— —
A72XM7824FTC	72.12 x 78.50 x 24.12 1832 x 1994 x 613	With	24.00 610	A72PM78	A72PM78G	60.00 x 72.00 1524 x 1829
A72XM7824FTCLP	72.12 x 78.50 x 24.12 1832 x 1994 x 613	Without	24.00 610	—	—	— —
A84XM7824FTC	84.12 x 78.50 x 24.12 2137 x 1994 x 613	With	24.00 610	A84PM78	A84PM78G	72.00 x 72.00 1829 x 1829
A84XM7824FTCLP	84.12 x 78.50 x 24.12 2137 x 1994 x 613	Without	24.00 610	—	—	— —
A90XM7824FTC	90.12 x 78.50 x 24.12 2289 x 1994 x 613	With	24.00 610	A90PM78	A90PM78G	78.00 x 72.00 1981 x 1829
A90XM7824FTCLP	90.12 x 78.50 x 24.12 2289 x 1994 x 613	Without	24.00 610	—	—	— —

Enclosures with panel include a painted panel. Order conductive panels separately.

Standard Product **Three-Door Enclosures**

Catalog Number	AxBxC in./mm	With or Without Panel	Large Painted Panel	Large Conductive Panel	No. of Large Panels	Large Panel Size in./mm	Small Painted Panel	Small Conductive Panel	No. of Small Panels	Small Panel Size in./mm
A72XM3EQ18FTC	72.12 x 100.75 x 18.12 1832 x 2559 x 460	With	A72PM66	A72PM66G	1	60.00 x 60.00 1524 x 1524	A72PM34	A72PM34G	1	60.00 x 27.75 1524 x 705
A72XM3EQ18FTCLP	72.12 x 100.75 x 18.12 1832 x 2559 x 460	Without	—	—	—	— —	—	—	—	— —
A72XM3EW18FTC	72.12 x 118.75 x 18.12 1832 x 3017 x 460	With	A72PM78	A72PM78G	1	60.00 x 72.00 1524 x 1829	A72PM40	A72PM40G	1	60.00 x 33.75 1524 x 857
A72XM3EW18FTCLP	72.12 x 118.75 x 18.12 1832 x 3017 x 460	Without	—	—	—	— —	—	—	—	— —
A84XM3EW18FTC	84.12 x 118.75 x 18.12 2137 x 3017 x 460	With	A84PM78	A84PM78G	1	72.00 x 72.00 1829 x 1829	A84PM40	A84PM40G	1	72.00 x 33.75 1829 x 857
A84XM3EW18FTCLP	84.12 x 118.75 x 18.12 2137 x 3017 x 460	Without	—	—	—	— —	—	—	—	— —
A84XM3EW24FTC	84.12 x 118.75 x 24.12 2137 x 3017 x 613	With	A84PM78	A84PM78G	1	72.00 x 72.00 1829 x 1829	A84PM40	A84PM40G	1	72.00 x 33.75 1829 x 857
A84XM3EW24FTCLP	84.12 x 118.75 x 24.12 2137 x 3017 x 613	Without	—	—	—	— —	—	—	—	— —
A90XM3EW24FTC	90.12 x 118.75 x 24.12 2289 x 3017 x 613	With	A90PM78	A90PM78G	1	78.00 x 72.00 1981 x 1829	A90PM40	A90PM40G	1	78.00 x 33.75 1981 x 857
A90XM3EW24FTCLP	90.12 x 118.75 x 24.12 2289 x 3017 x 613	Without	—	—	—	— —	—	—	—	— —

Enclosures with panel include a painted panel. Order conductive panels separately.

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Free-Stand Type 12 Disconnect Enclosures

Standard Product **Four-Door Enclosures**

Catalog Number	AxBxC in./mm	With or Without Panel	Large Painted Panel	Conductive Large Panel	Number of Large Panels	Size of Large Panels in./mm
A84XM4EW18FTC	84.12 x 158.00 x 18.12 2137 x 4013 x 460	With	A84PM78	A84PM78G	2	72.00 x 72.00 1829 x 1829
A84XM4EW18FTCLP	84.12 x 158.00 x 18.12 2137 x 4013 x 460	Without	—	—	—	— —
A90XM4EW18FTC	90.12 x 158.00 x 18.12 2289 x 4013 x 460	With	A90PM78	A90PM78G	2	78.00 x 72.00 1981 x 1829
A90XM4EW18FTCLP	90.12 x 158.00 x 18.12 2289 x 4013 x 460	Without	—	—	—	— —
A84XM4EW24FTC	84.12 x 158.00 x 24.12 2137 x 4013 x 613	With	A84PM78	A84PM78G	2	72.00 x 72.00 1829 x 1829
A84XM4EW24FTCLP	84.12 x 158.00 x 24.12 2137 x 4013 x 613	Without	—	—	—	— —
A90XM4EW24FTC	90.12 x 158.00 x 24.12 2289 x 4013 x 613	With	A90PM78	A90PM78G	2	78.00 x 72.00 1981 x 1829
A90XM4EW24FTCLP	90.12 x 158.00 x 24.12 2289 x 4013 x 613	Without	—	—	—	— —

Enclosures with panel include a painted panel. Order conductive panels separately.

Standard Product **Five-Door Enclosures**

Catalog Number	AxBxC in./mm	With or Without Panel	Large Painted Panel	Conductive Large Panel	No. of Large Panels	Large Panel Size in./mm	Small Painted Panel	Conductive Small Panel	No. of Small Panels	Small Panel Size in./mm
A84XM5EW18FTC	84.12 x 197.75 x 18.12 2137 x 5023 x 460	With	A84PM78	A84PM78G	2	72.00 x 72.00 1829 x 1829	A84PM40	A84PM40G	1	72.00 x 33.75 1829 x 857
A84XM5EW18FTCLP	84.12 x 197.75 x 18.12 2137 x 5023 x 460	Without	—	—	—	— —	—	—	—	— —
A90XM5EW18FTC	90.12 x 197.75 x 18.12 2289 x 5023 x 460	With	A90PM78	A90PM78G	2	78.00 x 72.00 1981 x 1829	A90PM40	A90PM40G	1	78.00 x 33.75 1981 x 857
A90XM5EW18FTCLP	90.12 x 197.75 x 18.12 2289 x 5023 x 460	Without	—	—	—	— —	—	—	—	— —
A84XM5EW24FTC	84.12 x 197.75 x 24.12 2137 x 5023 x 613	With	A84PM78	A84PM78G	2	72.00 x 72.00 1829 x 1829	A84PM40	A84PM40G	1	72.00 x 33.75 1829 x 857
A84XM5EW24FTCLP	84.12 x 197.75 x 24.12 2137 x 5023 x 613	Without	—	—	—	— —	—	—	—	— —
A90XM5EW24FTC	90.12 x 197.75 x 24.12 2289 x 5023 x 613	With	A90PM78	A90PM78G	2	78.00 x 72.00 1981 x 1829	A90PM40	A90PM40G	1	78.00 x 33.75 1981 x 857
A90XM5EW24FTCLP	90.12 x 197.75 x 24.12 2289 x 5023 x 613	Without	—	—	—	— —	—	—	—	— —

Enclosures with panel include a painted panel. Order conductive panels separately.

Standard Product **Six-Door Enclosures**

Catalog Number	AxBxC in./mm	With or Without Panel	Large Painted Panel	Conductive Large Panel	Number of Large Panels	Size of Large Panels in./mm
A84XM6EW24FTC	84.12 x 236.00 x 24.12 2137 x 5994 x 613	With	A84PM78	A84PM78G	3	72.00 x 72.00 1829 x 1829
A84XM6EW24FTCLP	84.12 x 236.00 x 24.12 2137 x 5994 x 613	Without	—	—	—	— —
A90XM6EW24FTC	90.12 x 236.00 x 24.12 2289 x 5994 x 613	With	A90PM78	A90PM78G	3	78.00 x 72.00 1981 x 1829
A90XM6EW24FTCLP	90.12 x 236.00 x 24.12 2289 x 5994 x 613	Without	—	—	—	— —

Enclosures with panel include a painted panel. Order conductive panels separately.

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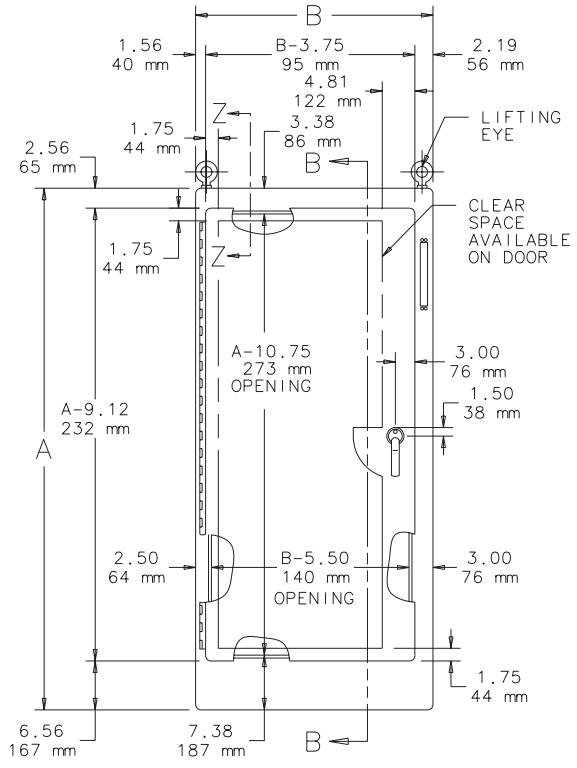
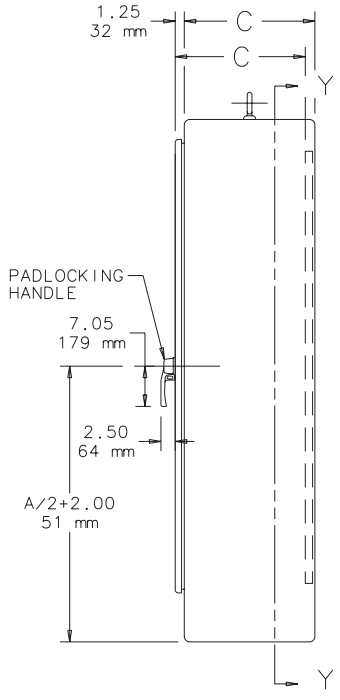
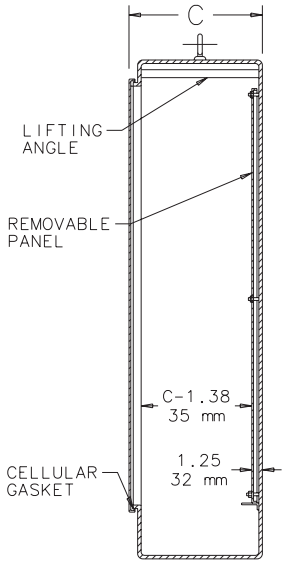
Free-Stand Type 12 Disconnect Enclosures

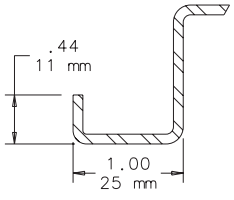
One-Door Enclosure





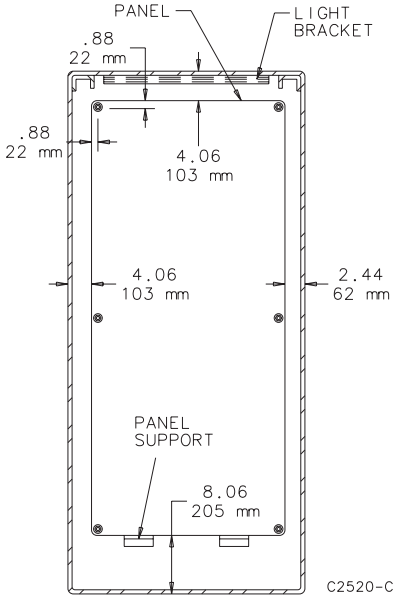


SECTION B-B



SECTION Z-Z

NOTE: 1. 10 gauge steel panel is furnished with FTC enclosures. FTCLP models are less panel; panels can be purchased separately. See catalog number table for size.
2. Door has removable 12.00 x 12.00 data pocket.



SECTION Y-Y

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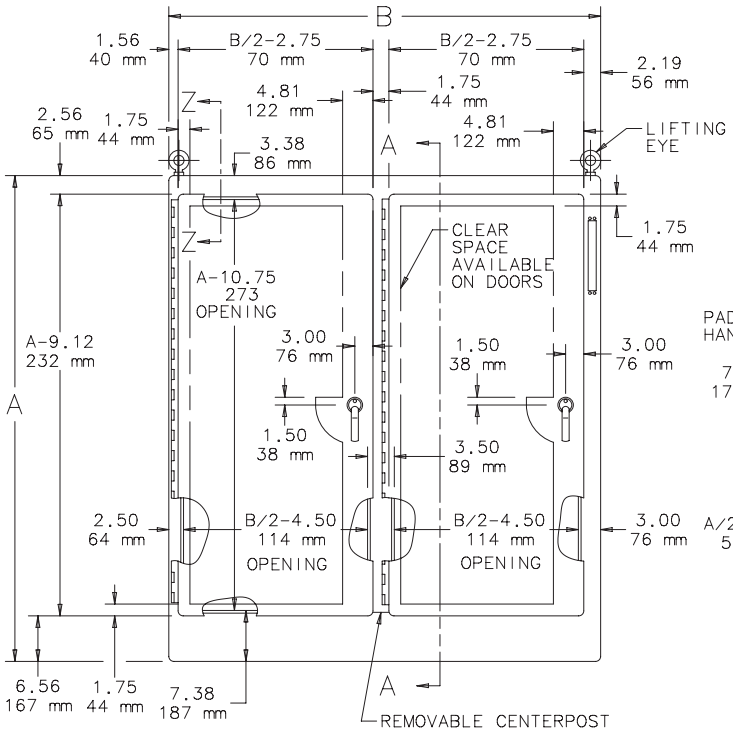
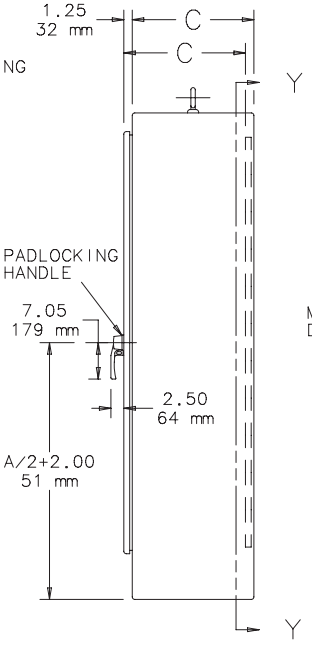
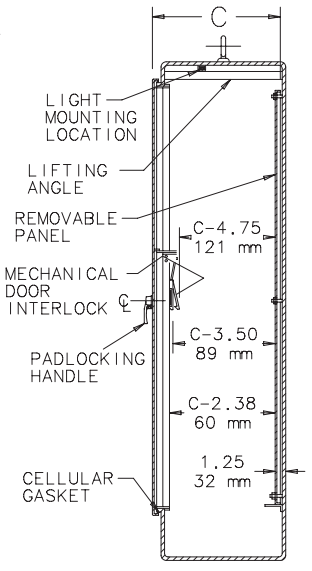
Free-Stand Type 12 Disconnect Enclosures

Two-Door Enclosure

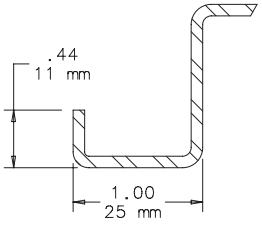




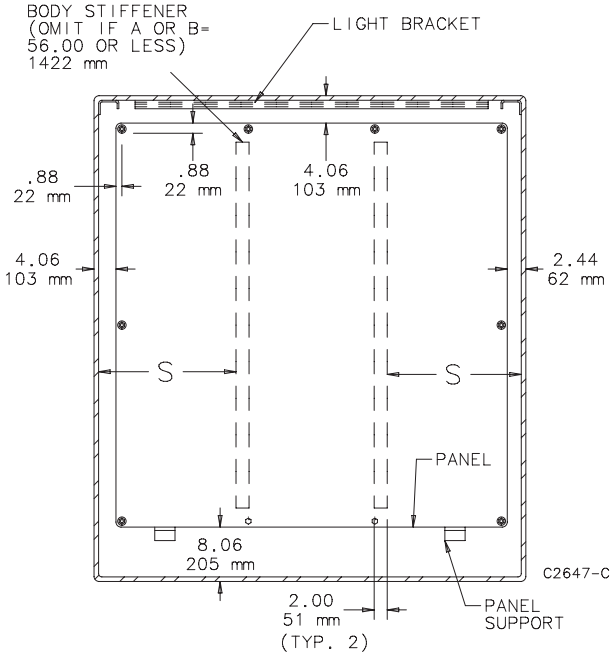


SECTION A-A

Space behind removable centerpost



SECTION Z-Z



SECTION Y-Y

NOTE:
1. 10 gauge steel panel is furnished with FTC enclosures. FTCLP models are less panel; panels can be purchased separately. See catalog number table for size.
2. Right door is master door and includes a removable 12.00 x 12.00 data pocket.
3. Number of panel mounting studs varies with panel width.

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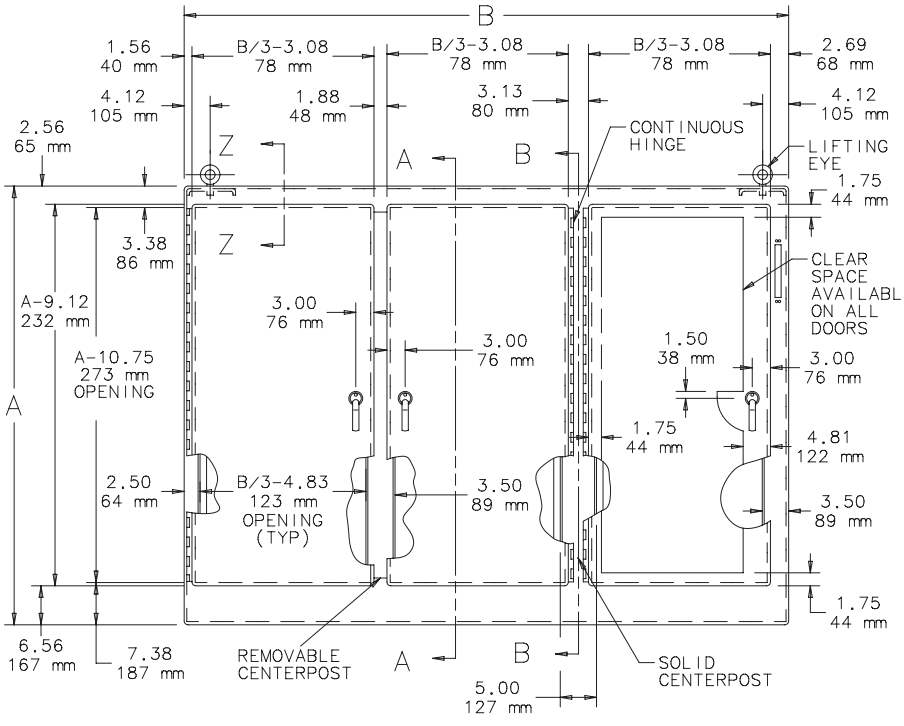
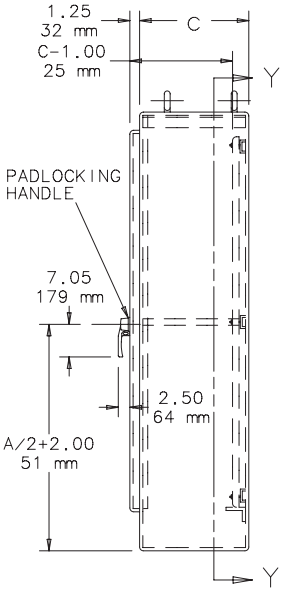
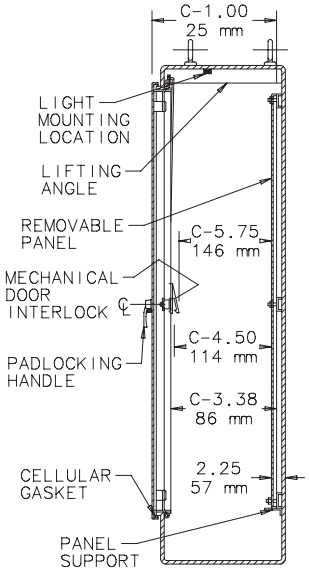
Free-Stand Type 12 Disconnect Enclosures

Three-Door Enclosure

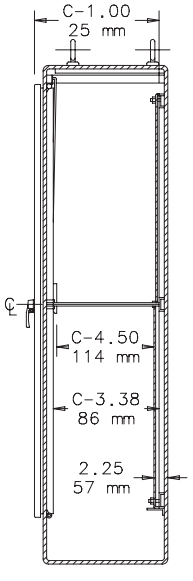






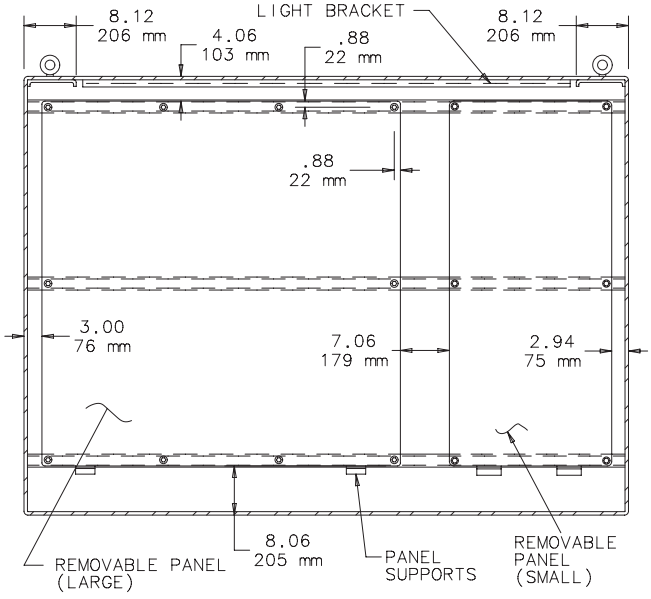
SECTION A-A

Space behind removable centerpost



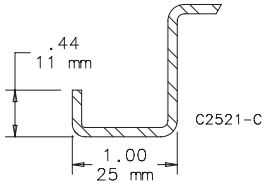
SECTION B-B

Space behind solid centerpost



SECTION Y-Y

NOTE:
1. 10 gauge steel panel is furnished with FTC enclosures. FTCLP models are less panel; panels can be purchased separately. See catalog number table for size.
2. Right door is master door. All doors hinged on left include a removable 12.00 x 12.00 in. (305 x 305mm) data pocket.
3. Number of panel mounting studs varies with panel width.



SECTION Z-Z

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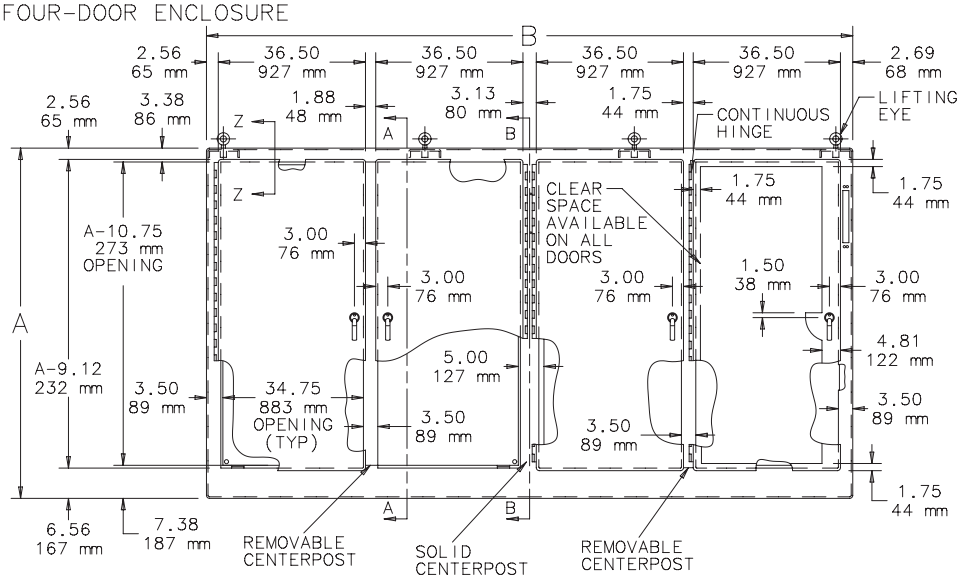
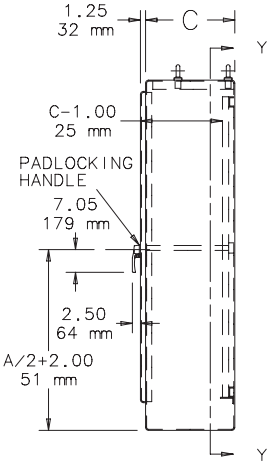
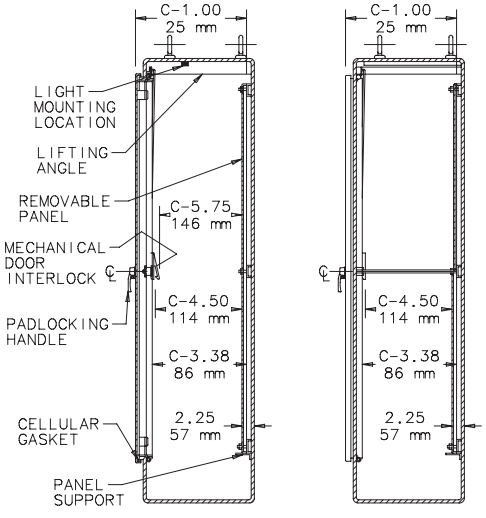
Free-Stand Type 12 Disconnect Enclosures

FOUR-DOOR ENCLOSURE





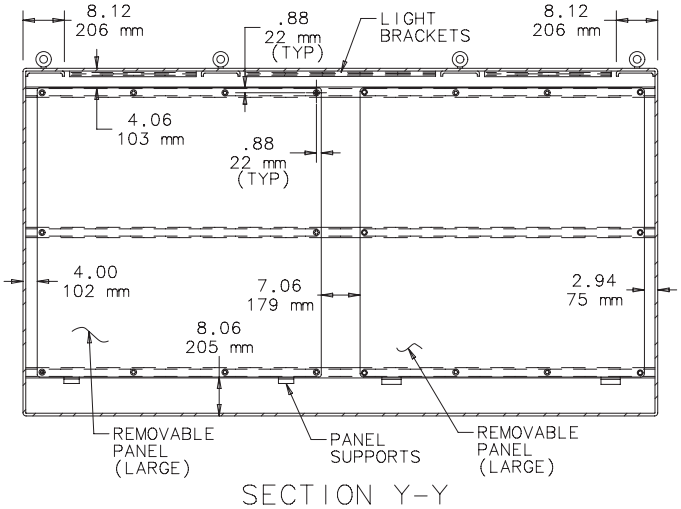


SECTION A-A

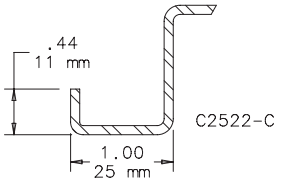
Space behind removable centerpost

SECTION B-B

Space behind solid centerpost



SECTION Y-Y



SECTION Z-Z

NOTE:
1. 10 gauge steel panel is furnished with FTC enclosures. FTCLP models are less panel; panels can be purchased separately. See catalog number table for size.
2. Right door is master door. All doors hinged on left include a removable 12.00 x 12.00 in. (305 x 305mm) data pocket.

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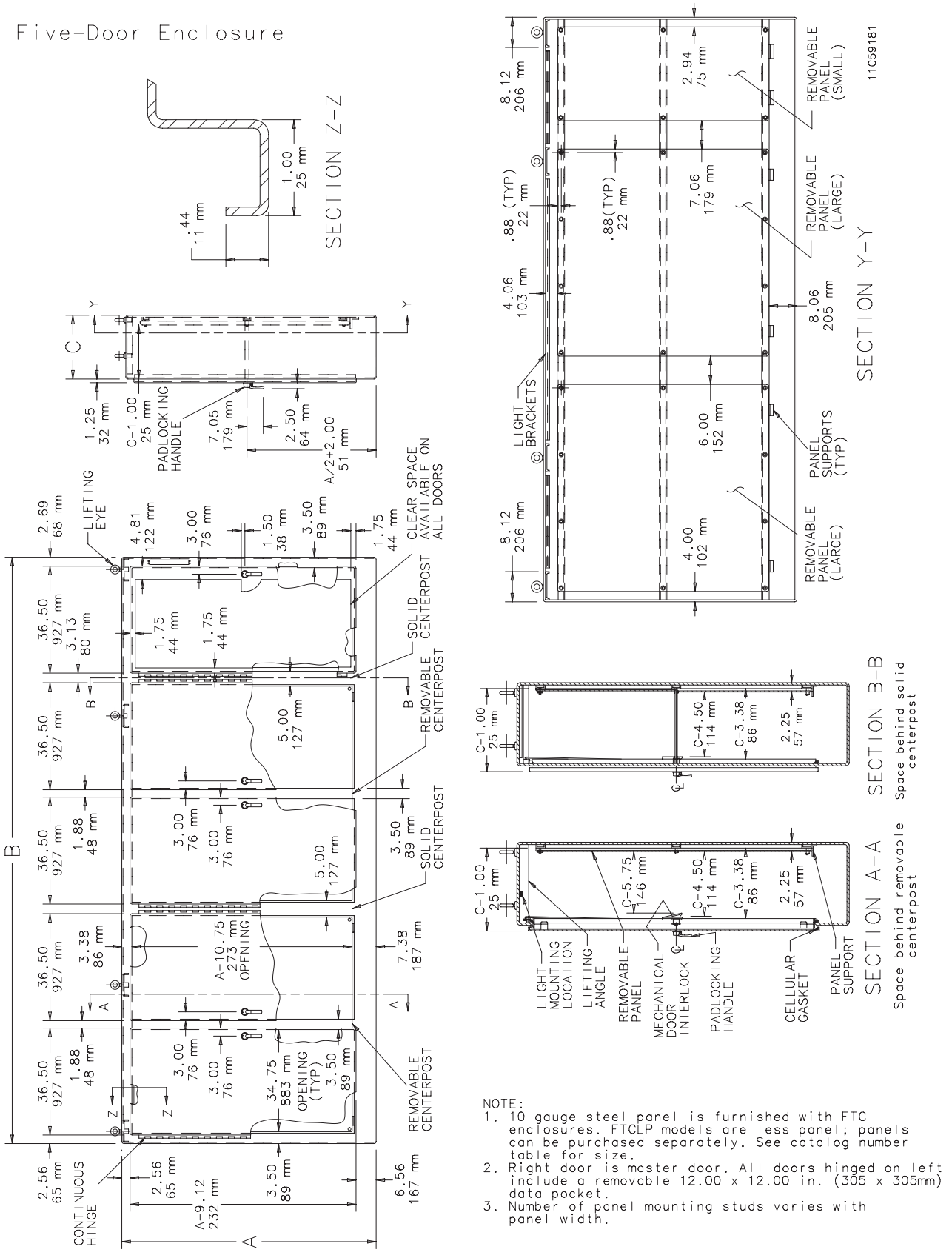
Free-Stand Type 12 Disconnect Enclosures



NOTE:
1. 10 gauge steel panel is furnished with FTC enclosures. FTCLP models are less panel; panels can be purchased separately. See catalog number table for size.
2. Right door is master door. All doors hinged on left include a removable 12.00 x 12.00 in. (305 x 305mm) data pocket.
3. Number of panel mounting studs varies with panel width.

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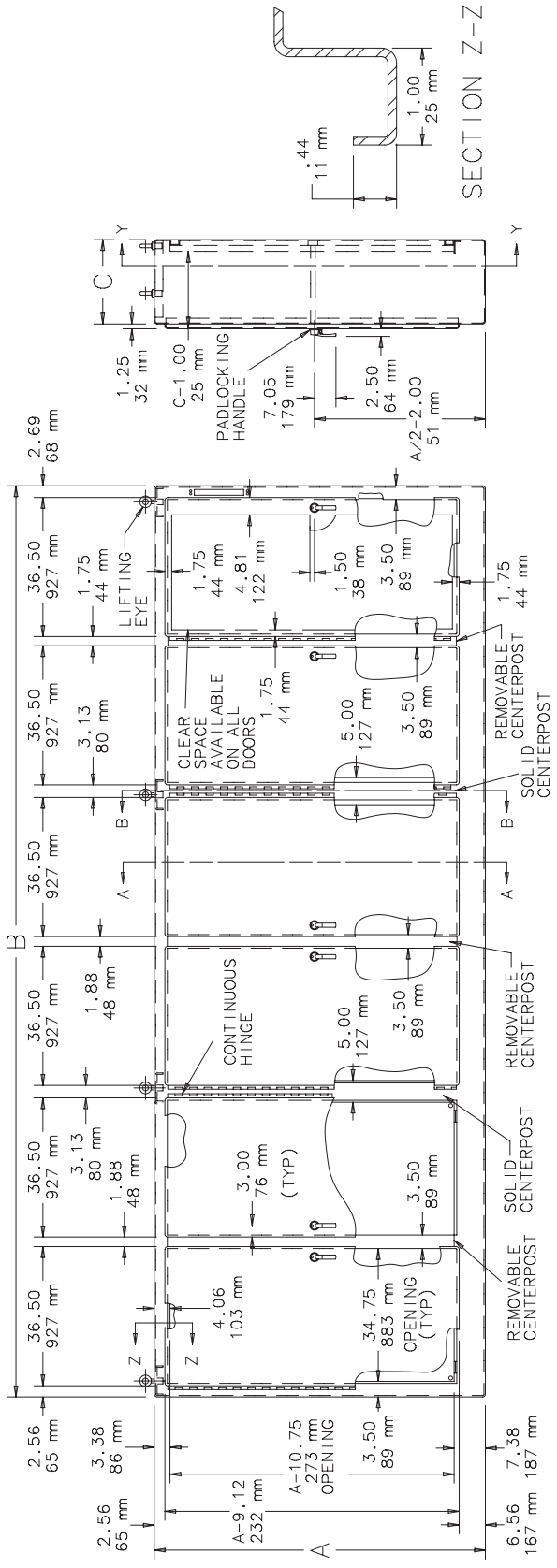
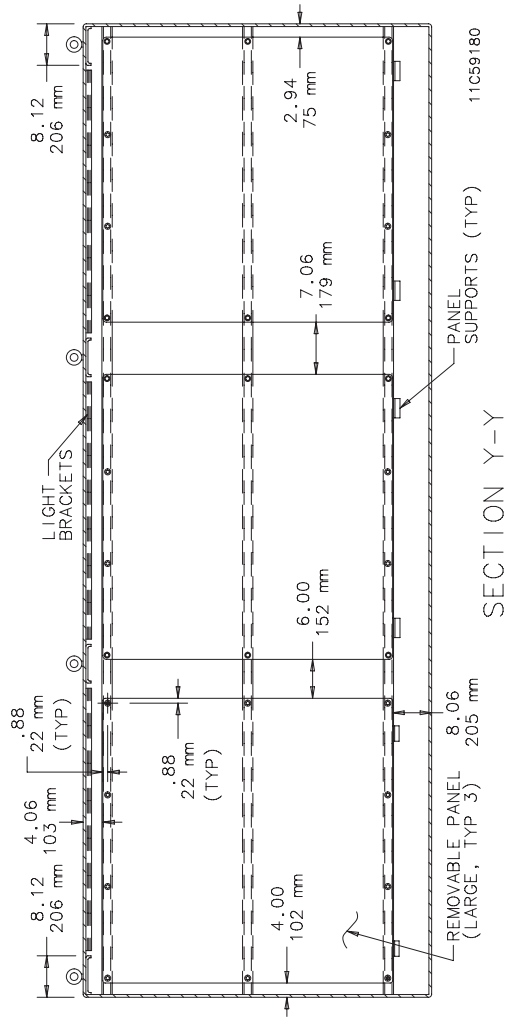
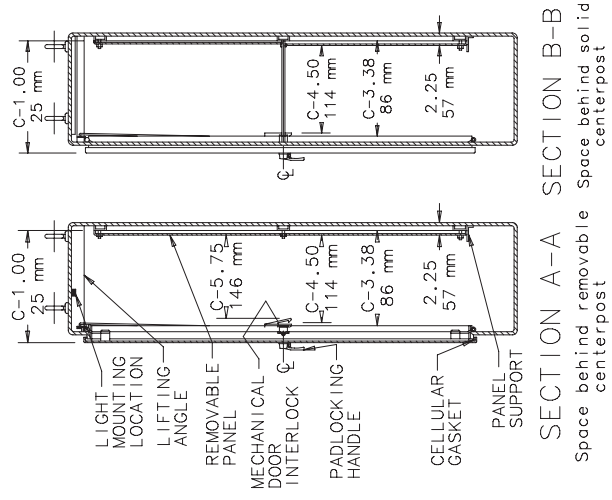
Free-Stand Type 12 Disconnect Enclosures

Six-Door Enclosure







NOTE:
1. 10 gauge steel panel is furnished with FTC enclosures. FTCLP models are less panel; panels can be purchased separately. See catalog number table for size.
2. Right door is master door. All doors hinged on left include a removable 12.00 x 12.00 in. (305 x 305mm) data pocket.

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Free-Stand Type 12 Disconnect Enclosures

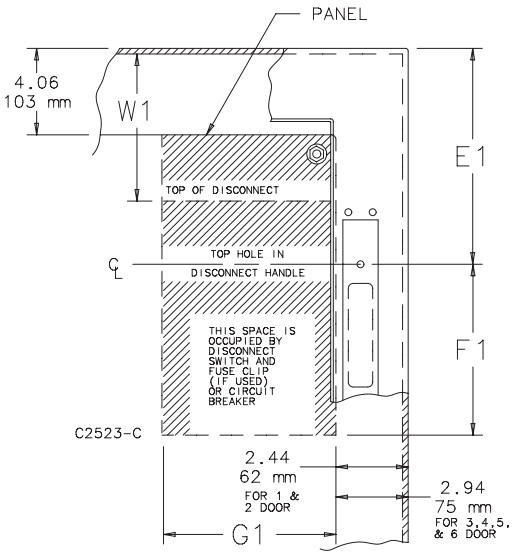
Disconnect Mounting Space

Disconnects are located by dimension E1. Wiring space W1 is available when disconnect is installed in the enclosure. See Technical Information chapter for E1 Spacing by Enclosure Height for various disconnect switch manufacturers.

W1 = Wiring Space
See Technical Information chapter for wire bend space.

Refer to ***NATIONAL ELECTRICAL CODE, 2005*** article 430-10(b) for wiring space required for line side conductors to be connected to disconnect. **Verify your application to determine whether wiring space is adequate.**

Consult Space Occupied by Disconnect drawing to determine whether the disconnect device you are using will fit the enclosure size you have selected.



Consult disconnect manufacturer or see Disconnect Ordering Information at hoffmanonline.com under Technical Resources for F1 and G1 dimensions of various brands of disconnects.

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Free-Stand Type 12 Disconnect Enclosures

Notes

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Type 12 Modular Free-Stand Disconnect Enclosures and Accessories

Modular Disconnect Enclosure, Type 12

Industry Standards

UL 508A Listed; Type 12; File No. E61997
cUL Listed per CSA C22.2 No. 94; Type 12; File No. E61997

NEMA Type 12
CSA File No. 42186: Type 12
IEC 60529, IP55

Application

Modular disconnect enclosures provide configuration flexibility and versatility. One- and two-door models can be bolted together in any configuration. Slave enclosures can be added or removed as required.

Features

One-Door Disconnect Enclosure (left side open): Universal cutout on right flange provides mounting for most disconnect operators by using operator adapters. Right side is closed since disconnect operator cannot be obscured by a door. Master door is hinged on left. Defeater on master door requires a screwdriver to open. Master door activates mechanical interlock which prevents slave doors from being opened first. Doors may be closed in any order. Interlock is furnished.

Two-Door Disconnect Enclosure (left side open): Universal cutout on right flange provides mounting for most disconnect operators by using operator adapters. Right side is closed. Master door is right-hand door. Both doors hinged on left. Defeater on master door requires a screwdriver to open. Master door activates mechanical interlock which prevents slave doors from being opened first. Doors may be closed in any order. Removable centerpost permits easy panel installation. Interlock is furnished.

One-Door Slave Enclosure (both sides open): Door hinged on left. Interlock is furnished.

Two-Door Slave Enclosure (both sides open): Right-hand door hinged on right and left-hand door hinged on left. Removable centerpost permits easy panel installation. Interlock is furnished.

Specifications

- 10 gauge steel
- Seams are continuously welded and ground smooth
- Body stiffeners in larger enclosures for extra rigidity
- Body flange trough excludes liquids and contaminants
- Heavy-duty lifting eyes anchor into reinforced top
- Heavy gauge lift-off hinges
- Heavy-duty 3-point latching mechanism operated by padlocking handle on all doors
- Rollers on ends of latch rods for easier door closing
- Data pocket is high-impact thermoplastic
- Oil-resistant door gasket
- Panel supports
- Removable 10 gauge steel panels mount on collar studs
- Bonding provision on door
- Mechanical interlock standard on each enclosure. Parts required to connect interlock system between adjacent enclosures are provided.
- Interlock rods are furnished with enclosures. Gasket kits and end plate purchased separately.
- Models available with panel include painted panel; conductive panel sold separately

Finish

ANSI 61 gray finish inside and outside over pretreated surfaces. Panels have white or conductive finish. Flat end plates are ANSI 61 gray inside and outside.

Accessories

See also Accessories.
Blank Adapter Plates, Mild Steel
End Plates
PANELITE™ Enclosure Lights Overview
Operator Adapters for Universal Cutouts
Panels for Type 3R, 4, 4X, 12 and 13 Enclosures
Center Panel Supports

Modification and Customization

Hoffman excels at modifying and customizing products to your specifications. Contact your local Hoffman sales office or distributor for complete information.

Bulletin: A34

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Type 12 Modular Free-Stand Disconnect Enclosures and Accessories

Standard Product **Master Modular Type 12 Enclosures for Flange-Mount Disconnects, One-Door (left side open)**

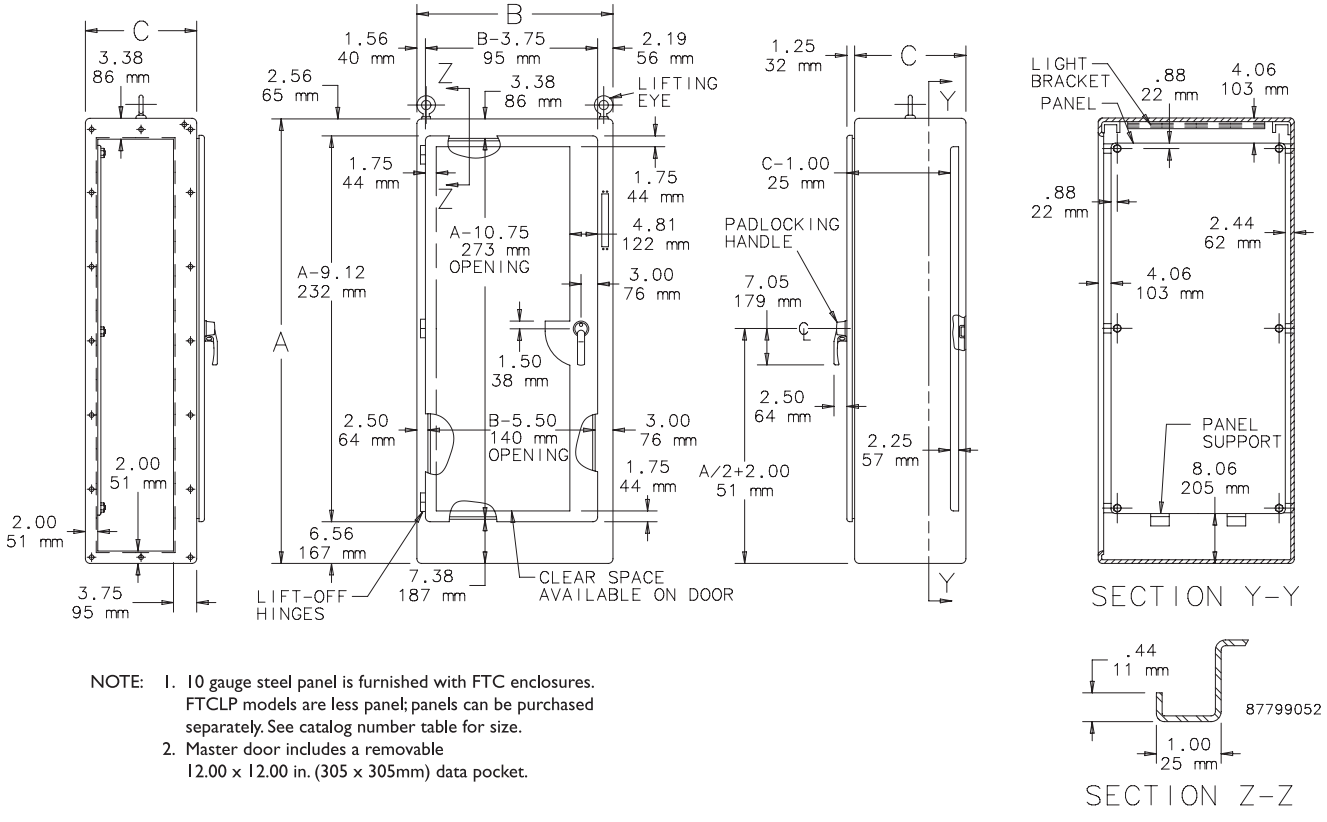
Catalog Number	AxBxC in./mm	With or Without Panel	Panel	Conductive Panel	Panel Size D x E in./mm
AM0D72X4018FTC	72.12 x 40.25 x 18.12 1832 x 1020 x 460	With	A72PM40	A72PM40G	60.00 x 33.75 1524 x 857
AM0D72X4018FTCLP	72.12 x 40.25 x 18.12 1832 x 1020 x 460	Without	—	—	— —
AM0D84X4018FTC	84.12 x 40.25 x 18.12 2137 x 1020 x 460	With	A84PM40	A84PM40G	72.00 x 33.75 1829 x 857
AM0D84X4018FTCLP	84.12 x 40.25 x 18.12 2137 x 1020 x 460	Without	—	—	— —
AM0D84X4024FTC	84.12 x 40.25 x 24.12 2137 x 1020 x 613	With	A84PM40	A84PM40G	72.00 x 33.75 1829 x 857
AM0D84X4024FTCLP	84.12 x 40.25 x 24.12 2137 x 1020 x 613	Without	—	—	— —

All 24.12-in. (613-mm) and deeper enclosures using short connecting rods in the following models require a Hoffman platform assembly, catalog number ADSCPA, purchased separately. • ABB Controls flange-operated devices • Cutler-Hammer C361 devices • Cutler-Hammer C371 mechanisms which use C371E, F, G, K operating mechanism • General Electric Type TDA devices (see next paragraph for option) • Square D Class 9422 devices (see next paragraph for option)

The platform assembly can be omitted if long connecting rods are ordered in place of short connecting rods. • For Cutler-Hammer operating mechanisms C371E and C371F order catalog number C371CS1 connecting rod. For C371G and C371K order catalog number C371CS2. • For General Electric devices, order catalog number TDSR extended length drive rod • For Square D devices, order catalog number 9422-R2 extra long operating rod(s). Some devices require two rods. Consult factory for space occupied on panel when platform is used.

Enclosures with panel include a painted panel. Order conductive panels separately.

Single-Door Master Disconnect Enclosure with Provisions for Disconnect (Left Side Open)



NOTE: 1. 10 gauge steel panel is furnished with FTC enclosures. FTCLP models are less panel; panels can be purchased separately. See catalog number table for size.
2. Master door includes a removable 12.00 x 12.00 in. (305 x 305mm) data pocket.

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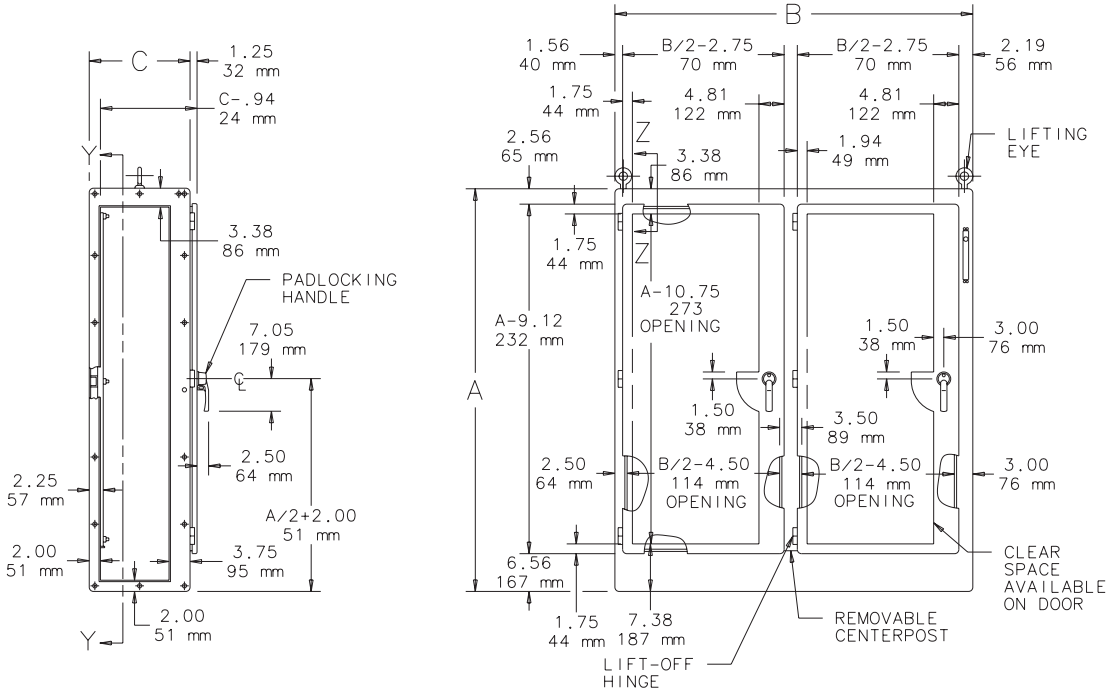
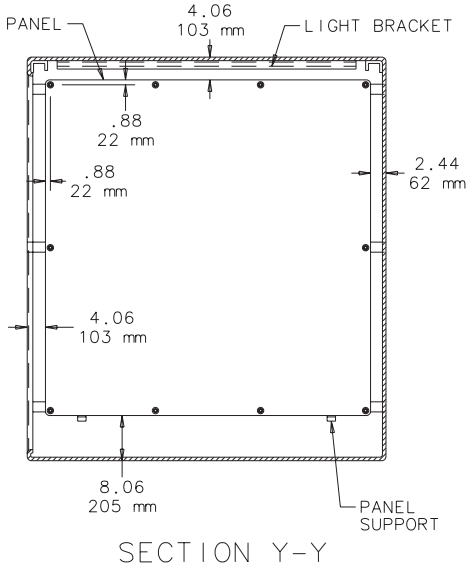
Type 12 Modular Free-Stand Disconnect Enclosures and Accessories

Standard Product **Master Modular Type 12 Enclosures for Flange-Mount Disconnects, Two-Door (left side open)**

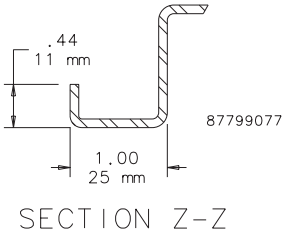
Catalog Number	AxBxC in./mm	With or Without Panel	Panel	Conductive Panel	Panel Size D x E in./mm
AM0D72X7818FTC	72.12 x 78.50 x 18.12 1832 x 1994 x 460	With	A72PM78	A72PM78G	60.00 x 72.00 1524 x 1829
AM0D72X7818FTCLP	72.12 x 78.50 x 18.12 1832 x 1994 x 460	Without	—	—	— —
AM0D84X7818FTC	84.12 x 78.50 x 18.12 2137 x 1994 x 460	With	A84PM78	A84PM78G	72.00 x 72.00 1829 x 1829
AM0D84X7818FTCLP	84.12 x 78.50 x 18.12 2137 x 1994 x 460	Without	—	—	— —
AM0D84X7824FTC	84.12 x 78.50 x 24.12 2137 x 1994 x 613	With	A84PM78	A84PM78G	72.00 x 72.00 1829 x 1829
AM0D84X7824FTCLP	84.12 x 78.50 x 24.12 2137 x 1994 x 613	Without	—	—	— —

Enclosures with panel include a painted panel. Order conductive panels separately.





SECTION Y-Y



SECTION Z-Z

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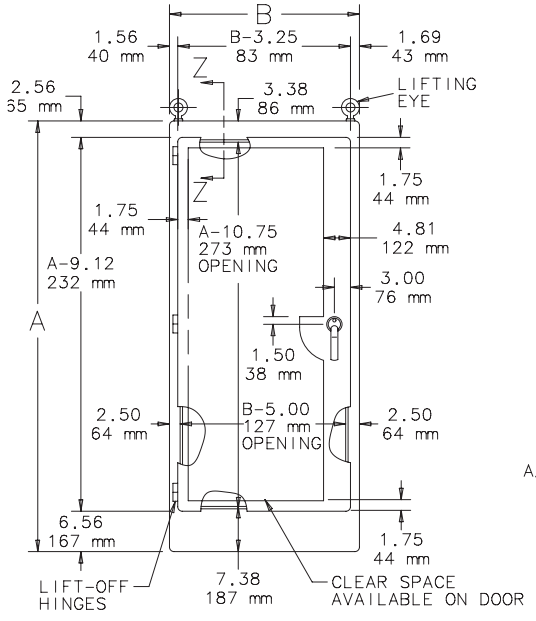
Type 12 Modular Free-Stand Disconnect Enclosures and Accessories

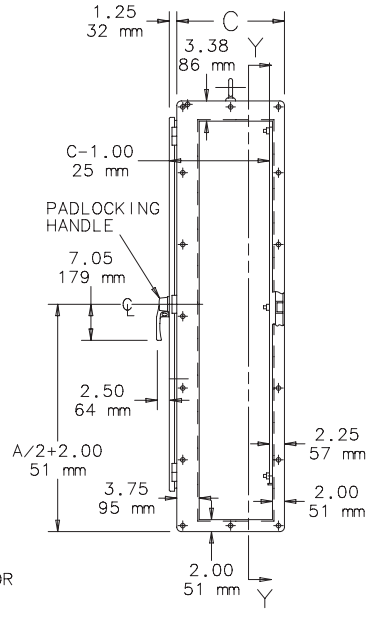
Standard Product **Slave Modular Type 12 Enclosures for Flange-Mount Disconnects, One-Door (both sides open)**

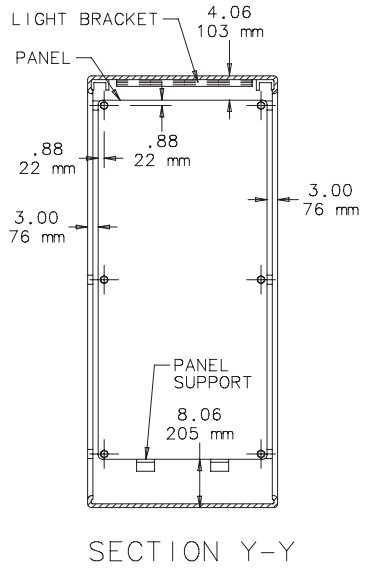
Catalog Number	AxBxC in./mm	With or Without Panel	Panel	Conductive Panel	Panel Size D x E in./mm
AM0D723918FTC	72.12 x 39.75 x 18.12 1832 x 1010 x 460	With	A72PM40	A72PM40G	60.00 x 33.75 1524 x 857
AM0D723918FTCLP	72.12 x 39.75 x 18.12 1832 x 1010 x 460	Without	—	—	— —
AM0D843918FTC	84.12 x 39.75 x 18.12 2137 x 1010 x 460	With	A84PM40	A84PM40G	72.00 x 33.75 1829 x 857
AM0D843918FTCLP	84.12 x 39.75 x 18.12 2137 x 1010 x 460	Without	—	—	— —
AM0D843924FTC	84.12 x 39.75 x 24.12 2137 x 1010 x 613	With	A84PM40	A84PM40G	72.00 x 33.75 1829 x 857
AM0D843924FTCLP	84.12 x 39.75 x 24.12 2137 x 1010 x 613	Without	—	—	— —

Enclosures with panel include a painted panel. Order conductive panels separately.

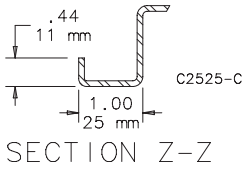
Single-Door Slave Enclosure (Both Sides Open)







SECTION Y-Y



SECTION Z-Z

NOTE: 1. 10 gauge steel panel is furnished with FTC enclosures. FTCLP models are less panel; panels can be purchased separately. See catalog number table for size.
2. Door hinged on left includes a removable 12.00 x 12.00 in. (305 x 305mm) data pocket.

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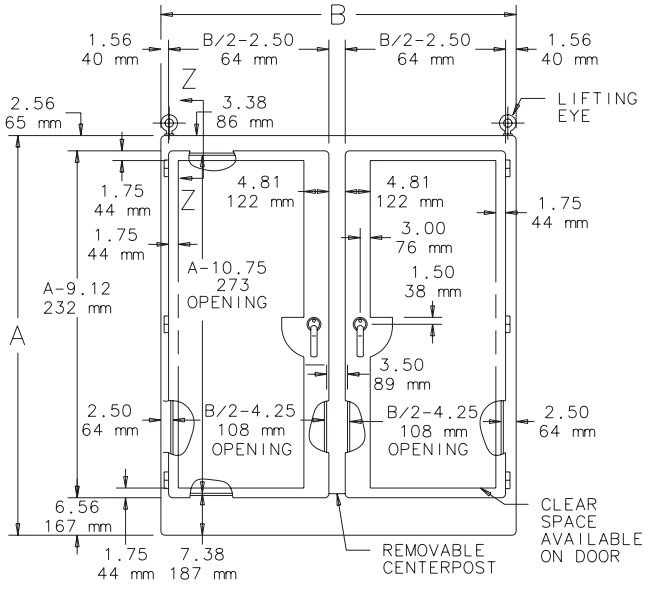
Type 12 Modular Free-Stand Disconnect Enclosures and Accessories

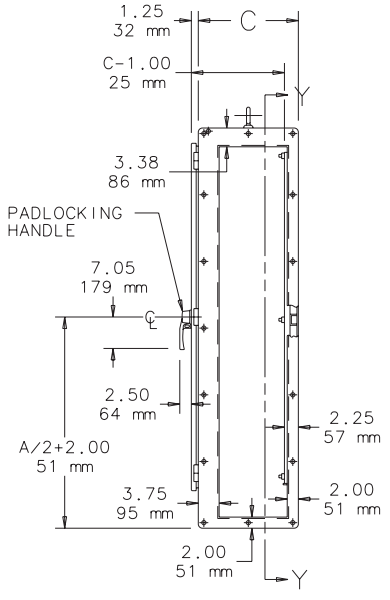
Standard Product **Slave Modular Type 12 Enclosures for Flange-Mount Disconnects, Two-Door (both sides open)**

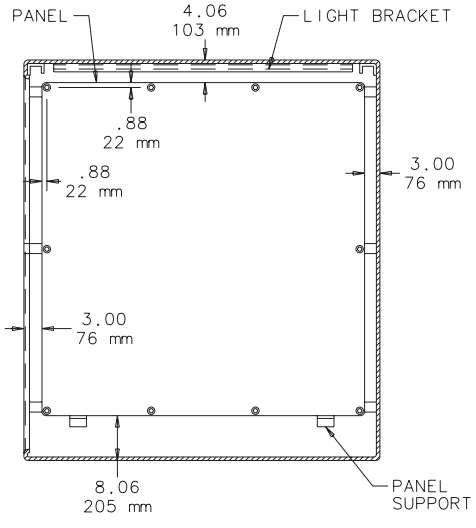
Catalog Number	AxBxC in./mm	With or Without Panel	Panel	Conductive Panel	Panel Size D x E in./mm
AM0D727718FTC	72.12 x 78.00 x 18.12 1832 x 1981 x 460	With	A72PM78	A72PM78G	60.00 x 72.00 1524 x 1829
AM0D727718FTCLP	72.12 x 78.06 x 18.12 1832 x 1981 x 460	Without	—	—	— —
AM0D847718FTC	84.12 x 78.00 x 18.12 2137 x 1981 x 460	With	A84PM78	A84PM78G	72.00 x 72.00 1829 x 1829
AM0D847718FTCLP	84.12 x 78.00 x 18.12 2137 x 1981 x 460	Without	—	—	— —
AM0D847724FTC	84.12 x 78.00 x 24.12 2137 x 1981 x 613	With	A84PM78	A84PM78G	72.00 x 72.00 1829 x 1829
AM0D847724FTCLP	84.12 x 78.00 x 24.12 2137 x 1981 x 613	Without	—	—	— —

Enclosures with panel include a painted panel. Order conductive panels separately.

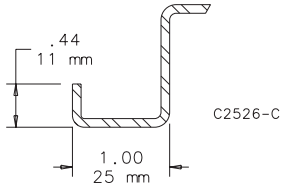
Two-Door Slave Enclosure with Provisions for Disconnect (Both Sides Open)







SECTION Y-Y



SECTION Z-Z

NOTE: 10 gauge panel is furnished with FTC enclosures; see order table for size. Door hinged on left includes a removable 12.00 x 12.00 in. (305 x 305mm) data pocket.

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Type 12 Modular Free-Stand Disconnect Enclosures and Accessories

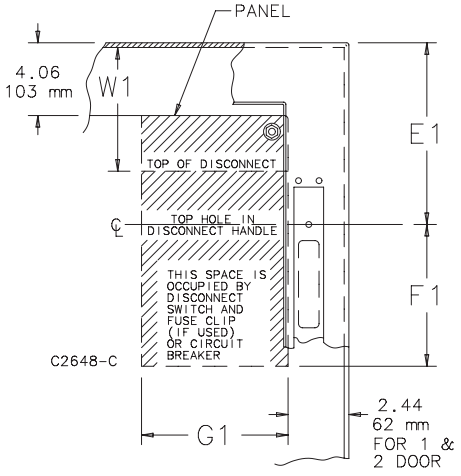
Disconnect Mounting Space

Disconnects are located by dimension E1. Wiring space W1 is available when disconnect is installed in the enclosure. See Technical Information section for E1 Spacing by Enclosure Height for various disconnect switch manufacturers.

W1 = Wiring Space.
See Technical Information section for wire bend space.

Refer to ***NATIONAL ELECTRICAL CODE®, 2005*** article 430-10(b) for wiring space required for line side conductors to be connected to disconnect. **Verify your application to determine whether wiring space is adequate.**

Consult Space Occupied by Disconnect drawing to determine whether the disconnect device you are using will fit the enclosure size you have selected.



Consult disconnect manufacturer or see Disconnect Ordering Information at hoffmanonline.com under Technical Resources for F1 and G1 dimensions of various brands of disconnects.

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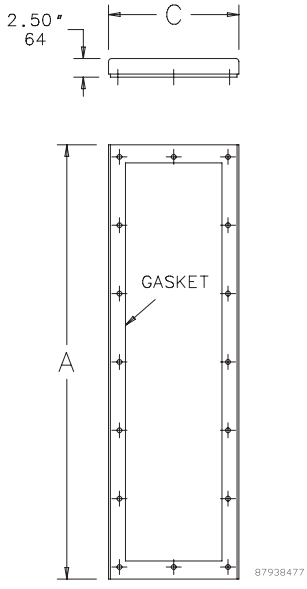
Type 12 Modular Free-Stand Disconnect Enclosures and Accessories

End Plates

Used to seal open end(s) of an assembly of modular enclosures. The 2.50-in. deep End Plates allow extra wiring space. Gasket and mounting bolts are included.

Bulletin: A34Y

Catalog Number	AxC in./mm
AM0D72EPT	72.12 x 18.12
	1832 x 460
AM0D84EPT	84.12 x 18.12
	2137 x 460
AM0D8424EPT	84.12 x 24.12
	2137 x 613



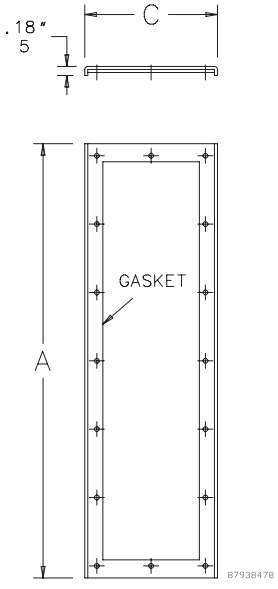
End Plate

Flat End Plates

Used to seal open end(s) of an assembly of modular enclosures. The Flat End Plate provides a low profile cover for the open end of a modular enclosure. Studs welded to the end plate eliminate bolt holes. Gasket and mounting hardware are furnished.

Bulletin: A34Y

Catalog Number	AxC in./mm
AM0D7218FEP	72.12 x 18.12
	1832 x 460
AM0D8418FEP	84.12 x 18.12
	2137 x 460
AM0D8424FEP	84.12 x 24.12
	2137 x 613



Flat End Plate

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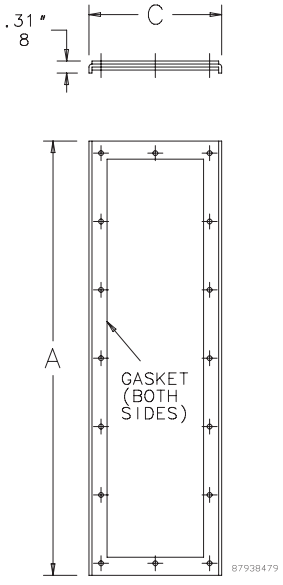
Type 12 Modular Free-Stand Disconnect Enclosures and Accessories

Barriers

Used to provide a barrier between individual enclosures in an assembly of modular enclosures. The flat plate is gasketed on both sides and inserted between two modular enclosures. Bolts and instructions are included.

Bulletin: A34Y

Catalog Number	AxC in./mm
AMOD7218BAP	72.12 x 18.12 1832 x 460
AMOD8418BAP	84.12 x 18.12 2137 x 460
AMOD8424BAP	84.12 x 24.12 2137 x 613



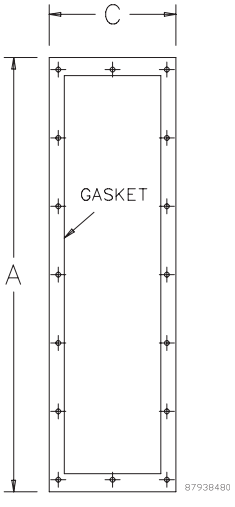
Barrier

Gasket Kit

Used to maintain enclosure rating when modular enclosures are joined together; includes a one-piece gasket, bolts and instructions.

Bulletin: A34Y

Catalog Number	AxC in./mm
AMOD7218FGK	72.12 x 18.12 1832 x 460
AMOD8418FGK	84.12 x 18.12 2137 x 460
AMOD8424FGK	84.12 x 24.12 2137 x 613



Gasket Kit

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SEQUESTR® External Disconnect Preferred-Cutout Overview

SEQUESTR® Preferred-Cutout Overview

Application

The SEQUESTR® enclosures have the standard preferred cutout on the left-hand flange. They accept left-hand 1494V Allen-Bradley variable-depth devices and left-hand Class 9422 Square D variable-depth devices.

SEQUESTR cutouts are designed to house the following:
Allen-Bradley Bulletin 1494V DSX left-hand disconnect switches with flange-mount variable depth operating mechanisms and Bulletin 1494V flange-mount variable-depth operating mechanisms for circuit breakers.
These enclosures will NOT accept Allen-Bradley Bulletin 1494F disconnect devices or Bulletin 1494D circuit breaker operators.

Schneider Square D® Class 9422 disconnect switches with flange-mount left-hand variable-depth operating mechanisms and Class 9422 flange-mount left-hand variable-depth operating mechanisms for circuit breakers.
These enclosures will NOT accept Square D Class 9422 bracket-mounted disconnect devices, Class 9422TGI or TG2 devices.

Ordering

Disconnect switch (or circuit breakers), operating handle and operating mechanism are not furnished with enclosure. Consult the Hoffman Specifier's Guide Technical Information chapter for wire bend information and hoffmanonline.com for disconnect manufacturer information. Consult drawings to match the disconnect device you are using with the correct enclosure size.

A complete assembly consists of:

1. An Enclosure
2. Door interlock brackets
3. Door latching system (2-point on SEQUESTR Enclosure, 3-point on main control cabinet doors)
4. Instructions to locate and install disconnect
5. Grounding hardware kit
6. Conductive panel in SEQUESTR External Disconnect Enclosure

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SEQUESTR® External Disconnect Enclosures

SEQUESTR® External Disconnect Enclosure, Type 12

Industry Standards

UL 508A Listed; Type 12; File No. E61997
cUL Listed per CSA C22.2 No. 94; Type 12; File No. E61997

NEMA/EEMAC Type 12
CSA File No. 42186: Type 12
IEC 60529, IP55

Application

Retrofit disconnect enclosures to isolate incoming power and help mitigate arc flash occurrences by moving the disconnect switch to the SEQUESTR® Enclosure. Power is passed-through to the main enclosure.

Features

- Interlocks with doors of main control cabinet when the disconnect switch is powered ON
- Maintains UL Type 12 rating
- Provision for pass-through power into the main cabinet—blank plate for customer modification
- Preferred disconnect cutout
- Quarter-turn screwdriver slot latch
- Hidden hinges
- Bonding provision on door
- Conductive back panel included
- Installation hardware and templates included

Specifications

- 16 gauge steel
- Continuously welded and ground seams all around
- Hinged on right side

Finish

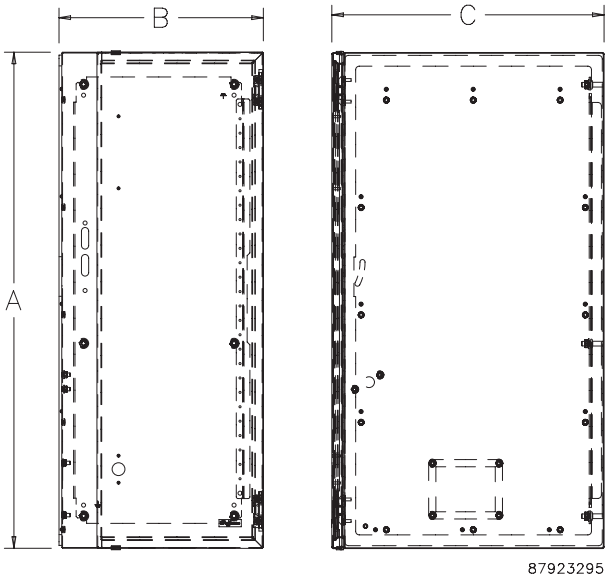
- ANSI 61 gray exterior and interior
- Included back panel has conductive finish

Accessories

See also Accessories.
Industrial Corrosion Inhibitors
Touch-Up Paint
Bulletin: A70D

Standard Product **External Disconnect Enclosure including back panel**

Catalog Number	A (in.)	A (mm)	B (in.)	B (mm)	C (in.)	C (mm)
AXD18	34.45	875	14.00	356	18.12	460
AXD20	34.45	875	14.00	356	20.12	511
AXD24	34.45	875	14.00	356	24.12	613



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Optional Terminal Plates

Catalog Number	For
ATBP3060	30 and 60 amp switches
ATBP100	100 amp switches
ATBP200	200 amp switches

IP20 rated

Optional Replacement Conductive Panel

Catalog Number	Panel Size (in.)	Panel Size (mm)	Description
A31P12G	31.00 x 12.16	787 x 309	16 gauge

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SEQUESTR® External Disconnect Enclosures

SEQUESTR® External Disconnect Enclosure Package, Type 12

Industry Standards

UL 508A Listed; Type 12; File No. E61997
cUL Listed per CSA C22.2 No. 94; Type 12; File No. E61997

NEMA/EEMAC Type 12
CSA File No. 42186: Type 12
IEC 60529, IP55

Application

The SEQUESTR® External Disconnect Enclosure Package helps mitigate arc flash occurrences when working on interior components by isolating incoming power from the main enclosure. Shipped as one unit for new installations, the disconnect switch and fuse block/ circuit breaker are mounted in the external enclosure, with terminal connections to bring power to the main enclosure.

Features

- Interlocks doors of main control cabinet when disconnect switch is powered ON
- Mechanical interlock on main control enclosure activated by master door prevents slave door from being opened first
- Provision for pass-through power into the main enclosure
- Preferred disconnect cutout
- Quarter-turn, screwdriver slot latch on SEQUESTR™ Enclosure
- Rugged POWERGLIDE® Handle with three-point latch on main control enclosure
- Grounding studs on body
- Bonding provision on door
- Conductive back panel included in SEQUESTR External Disconnect Enclosure
- Optional back panel for main control cabinet for maximum ordering flexibility
- SEQUESTR External Disconnect Enclosure is shipped unattached for easy disconnect installation

Specifications

- A28X base enclosure
- A70D external disconnect enclosure
- External disconnect enclosure 16 gauge steel; main control cabinet 10 gauge steel
- Continuously welded and ground seams all around
- Body flange trough excludes liquids and contaminants
- Heavy duty lifting eyes anchored into reinforced top
- Removable centerposts for easy back panel installation
- No disconnect cutout on main control cabinet

Finish

- SEQUESTR External Disconnect Enclosure ANSI 61 gray exterior and interior
- A28X main control cabinet ANSI 61 gray exterior and white interior
- SEQUESTR External Disconnect Enclosure back panel has conductive finish

Accessories

See also Accessories.
Industrial Corrosion Inhibitors
Floor Stand Kit
PANELITE™ Enclosure Lights Overview
Bulletin: A28X1, A28X2 , A28XM

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SEQUESTR® External Disconnect Enclosures

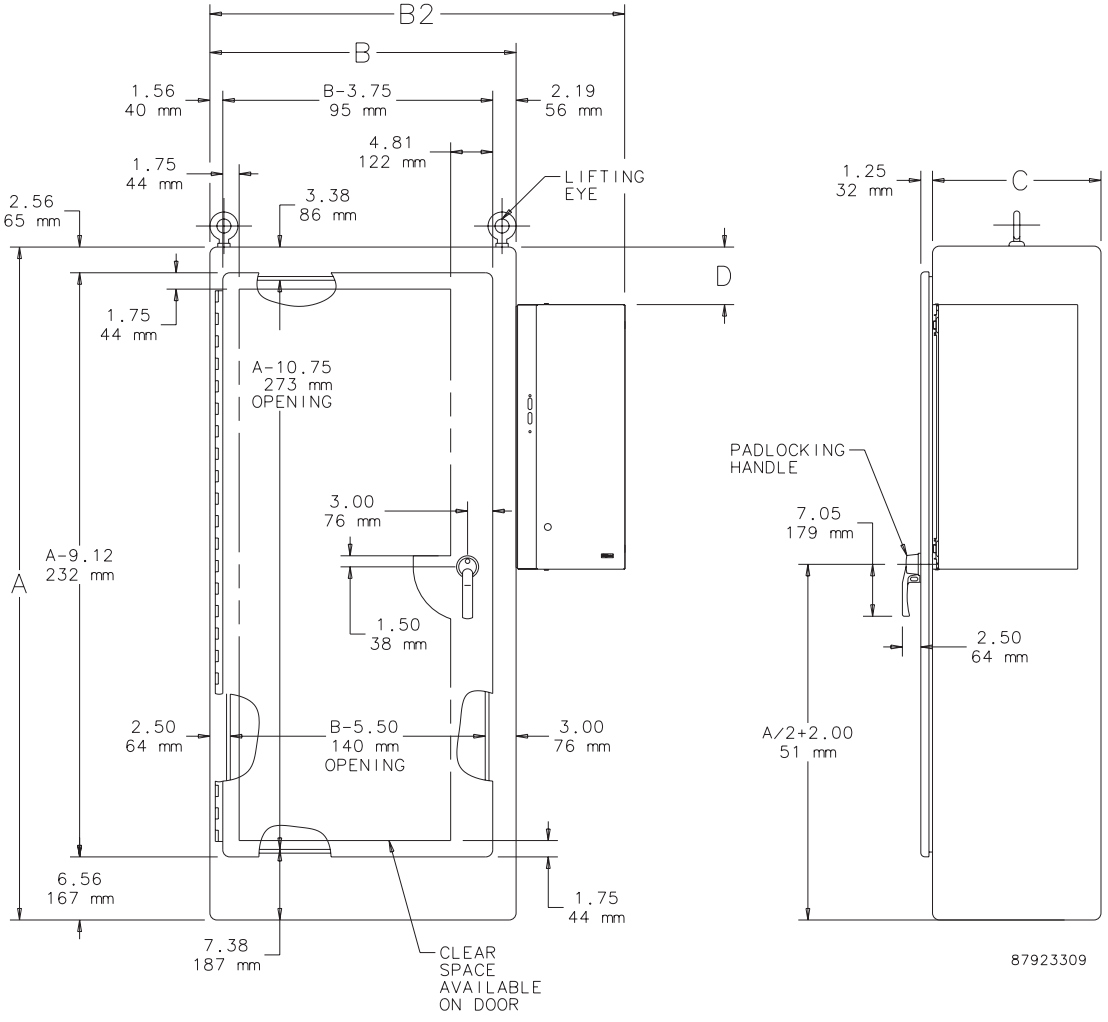
Standard Product **One-Door Enclosure**

Catalog Number	AxBxC in./mm	B2 in./mm	D in./mm	Panel	Panel Size in./mm
A72XD2818FTCLP	72.12 x 28.25 x 18.12	42.25	0	A72PM28	60.00 x 21.75
	1832 x 718 x 460	1073	0		1524 x 552
A72XD3418FTCLP	72.12 x 34.25 x 18.12	48.25	0	A72PM34	60.00 x 27.75
	1832 x 870 x 460	1226	0		1524 x 705
A72XD4018FTCLP	72.12 x 40.25 x 18.12	54.25	0	A72PM40	60.00 x 33.75
	1832 x 1022 x 460	1378	0		1524 x 857
A84XD4018FTCLP	84.12 x 40.25 x 18.12	54.25	6.00	A84PM40	72.00 x 33.75
	2137 x 1022 x 460	1378	152		1829 x 857
A90XD4018FTCLP	90.12 x 40.25 x 18.12	54.25	9.00	A90PM40	78.00 x 33.75
	2289 x 1022 x 460	1378	229		1981 x 857
A90XD4020FTCLP	90.12 x 40.25 x 20.12	54.25	9.00	A90PM40	78.00 x 33.75
	2289 x 1022 x 511	1378	229		1981 x 857
A84XD4024FTCLP	84.12 x 40.25 x 24.12	54.25	6.00	A84PM40	72.00 x 33.75
	2137 x 1022 x 613	1378	152		1829 x 857
A90XD4024FTCLP	90.12 x 40.25 x 24.12	54.25	9.00	A90PM40	78.00 x 33.75
	2289 x 1022 x 613	1378	229		1981 x 857

B dimension is large enclosure without External Disconnect Enclosure.

B2 dimension is overall size including External Disconnect Enclosure.

Purchase panels separately.



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SEQUESTR® External Disconnect Enclosures

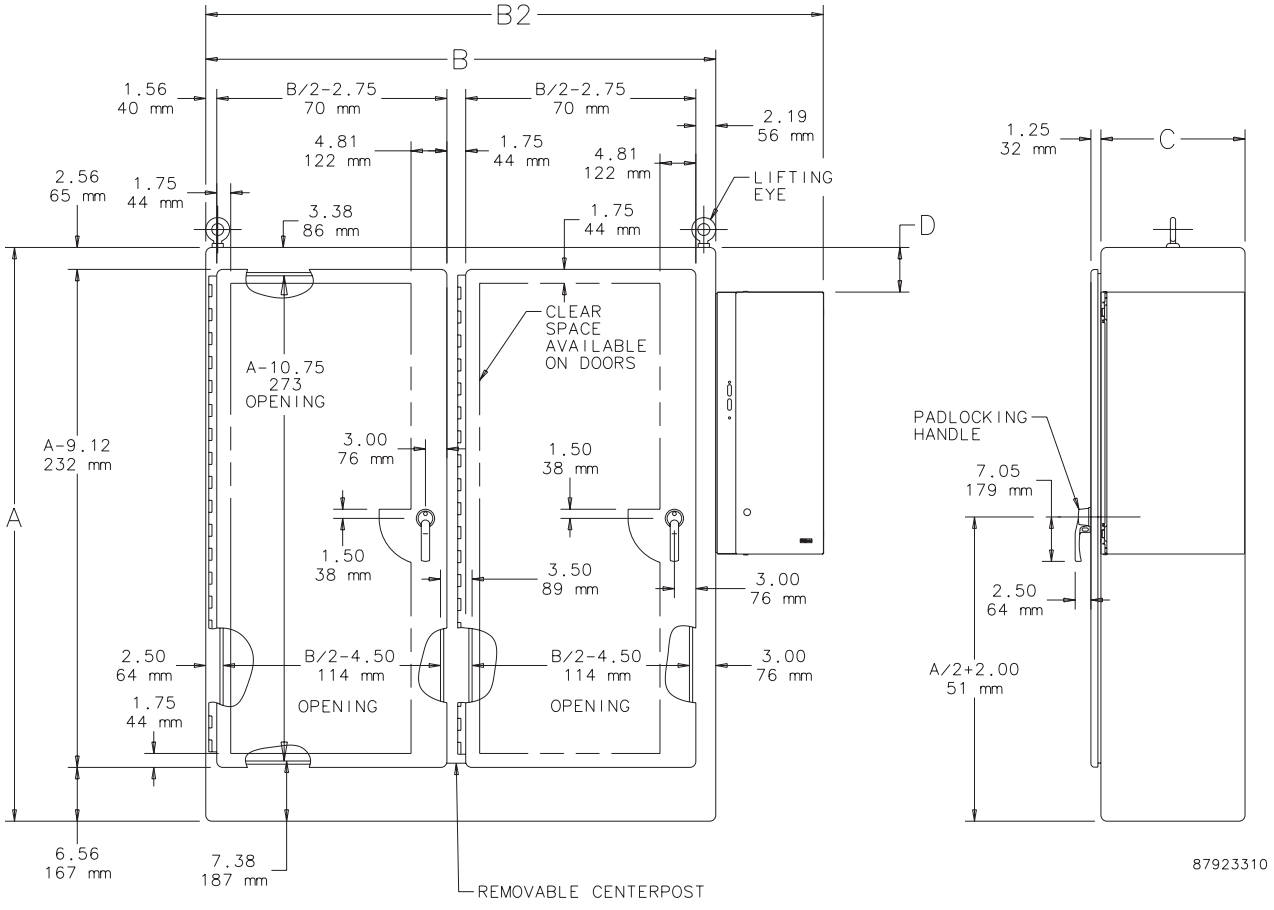
Standard Product **Two-Door Enclosures**

Catalog Number	AxBxC in./mm	B2 in./mm	D in./mm	Stiffener Locations in./mm	Panel	Panel Size in./mm
A72XD5418FTCLP	72.12 x 54.50 x 18.12	68.50	0	None	A72PM54	60.00 x 48.00
	1832 x 1384 x 460	1740	0	None		1524 x 1219
A72XD6618FTCLP	72.12 x 66.50 x 18.12	80.50	0	21.00	A72PM66	60.00 x 60.00
	1832 x 1689 x 460	2045	0	533		1524 x 1524
A72XD7818FTCLP	72.12 x 78.50 x 18.12	92.50	0	24.00	A72PM78	60.00 x 72.00
	1832 x 1994 x 460	2350	0	610		1524 x 1829
A84XD7818FTCLP	84.12 x 78.50 x 18.12	92.50	6.00	24.00	A84PM78	72.00 x 72.00
	2137 x 1994 x 460	2350	152	910		1829 x 1829
A90XD7818FTCLP	90.12 x 78.50 x 18.12	92.50	9.00	24.00	A90PM78	78.00 x 72.00
	2289 x 1994 x 460	2350	229	610		1981 x 1829
A90XD7820FTCLP	90.12 x 78.50 x 20.12	92.50	9.00	24.00	A90PM78	78.00 x 72.00
	2289 x 1994 x 511	2350	229	610		1981 x 1829
A72XD7824FTCLP	72.12 x 78.50 x 24.12	92.50	0	24.00	A72PM78	60.00 x 72.00
	1832 x 1994 x 613	2350	0	610		1524 x 1829
A84XD7824FTCLP	84.12 x 78.50 x 24.12	92.50	6.00	24.00	A84PM78	72.00 x 72.00
	2137 x 1994 x 613	2350	152	610		1829 x 1829
A90XD7824FTCLP	90.12 x 78.50 x 24.12	92.50	9.00	24.00	A90PM78	78.00 x 72.00
	2289 x 1994 x 613	2350	229	610		1981 x 1829

B dimension is large enclosure without External Disconnect Enclosure.

B2 dimension is overall size including External Disconnect Enclosure.

Purchase panels separately.



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SEQUESTR® External Disconnect Enclosures

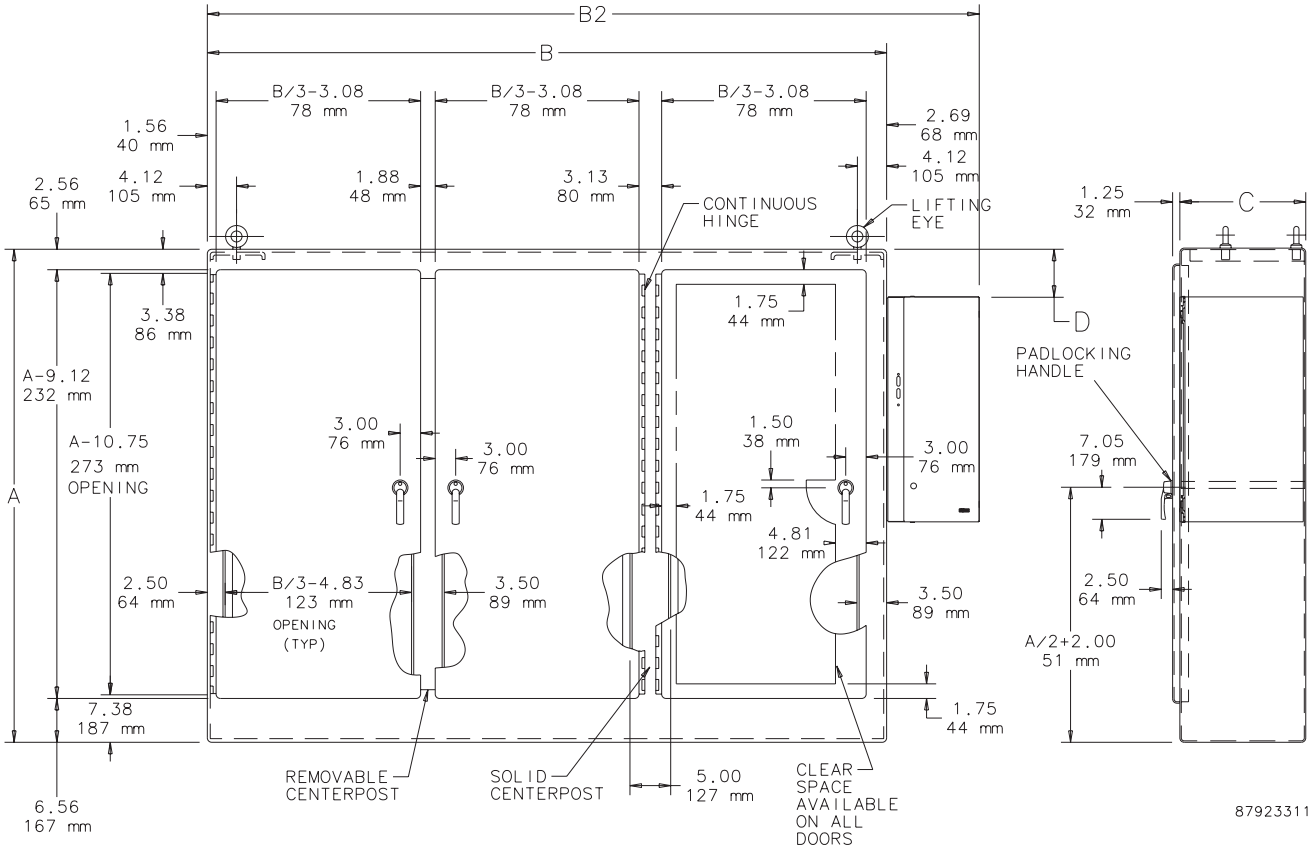
Standard Product **Three-Door Enclosures**

Catalog Number	AxBxC in./mm	B2 in./mm	D in./mm	Large Panel	Number of Large Panels	Size of Large Panels in./mm	Small Panel	Number of Small Panels	Size of Small Panels in./mm
A72XD3EQ18FTCLP	72.12 x 100.75 x 18.12	114.75	0	A72PM66	1	60.00 x 60.00	A72PM34	1	60.00 x 27.75
	1832 x 2559 x 460	2915	0			1524 x 1524			1524 x 705
A72XD3EW18FTCLP	72.12 x 118.75 x 18.12	132.75	0	A72PM78	1	60.00 x 72.00	A72PM40	1	60.00 x 33.75
	1832 x 3016 x 460	3372	0			1524 x 1829			1524 x 857
A84XD3EW18FTCLP	84.12 x 118.75 x 18.12	132.75	6.00	A84PM78	1	72.00 x 72.00	A84PM40	1	72.00 x 33.75
	2137 x 3016 x 460	3372	152			1829 x 1829			1829 x 857
A84XD3EW24FTCLP	84.12 x 118.75 x 24.12	132.75	6.00	A84PM78	1	72.00 x 72.00	A84PM40	1	72.00 x 33.75
	2137 x 3016 x 613	3372	152			1829 x 1829			1829 x 857
A90XD3EW24FTCLP	90.12 x 118.75 x 24.12	132.75	9.00	A90PM78	1	78.00 x 72.00	A90PM40	1	78.00 x 33.75
	2289 x 3016 x 613	3372	229			1981 x 1829			1981 x 857

B dimension is large enclosure without External Disconnect Enclosure.

B2 dimension is overall size including External Disconnect Enclosure.

Purchase panels separately.



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SEQUESTR® External Disconnect Enclosures

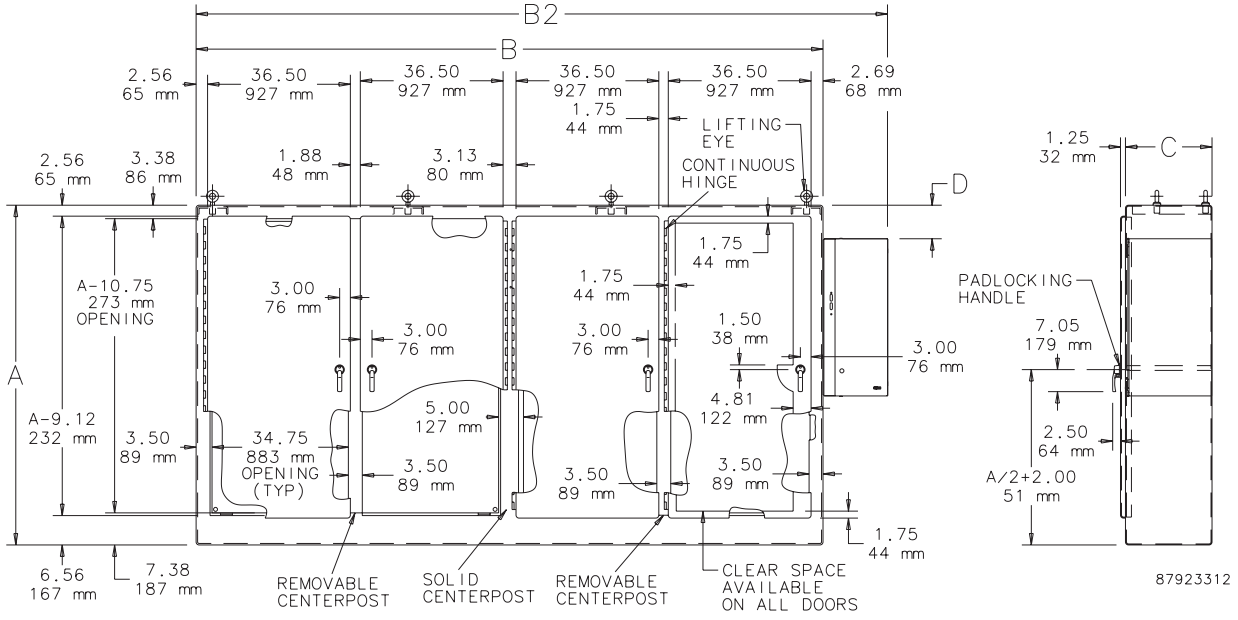
Standard Product **Four-Door Enclosures**

Catalog Number	AxBxC in./mm	B2 in./mm	D in./mm	Large Panel	Number of Panels	Size of Panels in./mm
A84XD4EW18FTCLP	84.12 x 158.00 x 18.12	172.00	6.00	A84PM78	2	72.00 x 72.00
	2137 x 4013 x 460	4369	152			1829 x 1829
A90XD4EW18FTCLP	90.12 x 158.00 x 18.12	172.00	9.00	A90PM78	2	78.00 x 72.00
	2289 x 4013 x 460	4369	229			1981 x 1829
A84XD4EW24FTCLP	84.12 x 158.00 x 24.12	172.00	6.00	A84PM78	2	72.00 x 72.00
	2137 x 4013 x 613	4369	152			1829 x 1829
A90XD4EW24FTCLP	90.12 x 158.00 x 24.12	172.00	9.00	A90PM78	2	78.00 x 72.00
	2289 x 4013 x 613	4369	229			1981 x 1829

B dimension is large enclosure without External Disconnect Enclosure.

B2 dimension is overall size including External Disconnect Enclosure.

Purchase panels separately.



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SEQUESTR® External Disconnect Enclosures

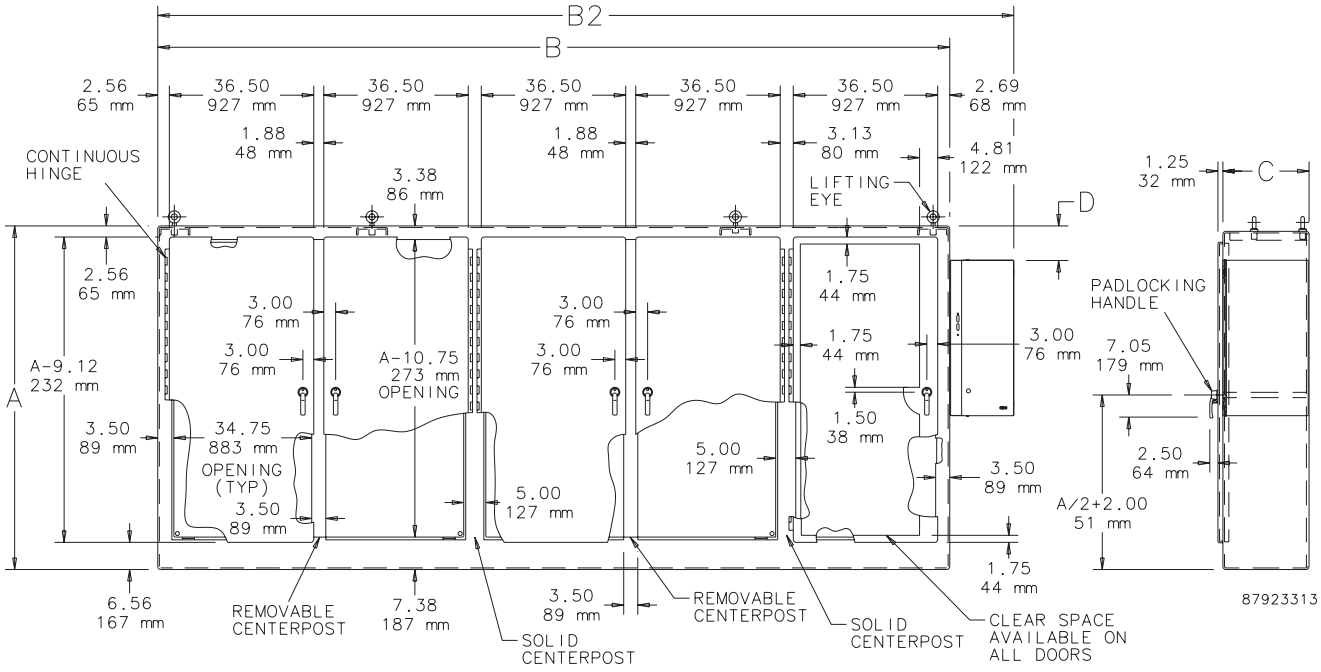
Standard Product **Five-Door Enclosures**

Catalog Number	AxBxC in./mm	B2 in./mm	D in./mm	Large Panel	Number of Large Panels	Size of Large Panels in./mm	Small Panel	Number of Small Panels	Size of Small Panels in./mm
A84XD5EW18FTCLP	84.12 x 197.75 x 18.12	211.00	6.00	A84PM78	1	72.00 x 72.00	A84PM40	1	72.00 x 33.75
	2137 x 5023 x 460	5359	152			1829 x 1829			1829 x 857
A90XD5EW18FTCLP	90.12 x 197.75 x 18.12	211.00	9.00	A90PM78	1	78.00 x 72.00	A90PM40	1	78.00 x 33.75
	2289 x 5023 x 460	5359	229			1981 x 1829			1981 x 857
A84XD5EW24FTCLP	84.12 x 197.75 x 24.12	211.00	6.00	A84PM78	1	72.00 x 72.00	A84PM40	1	72.00 x 33.75
	2137 x 5023 x 613	5359	152			1829 x 1829			1829 x 857
A90XD5EW24FTCLP	90.12 x 197.75 x 24.12	211.00	9.00	A90PM78	1	78.00 x 72.00	A90PM40	1	78.00 x 33.75
	2289 x 5023 x 613	5359	229			1981 x 1829			1981 x 857

B dimension is large enclosure without External Disconnect Enclosure.

B2 dimension is overall size including External Disconnect Enclosure.

Purchase panels separately.



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SEQUESTR® External Disconnect Enclosures

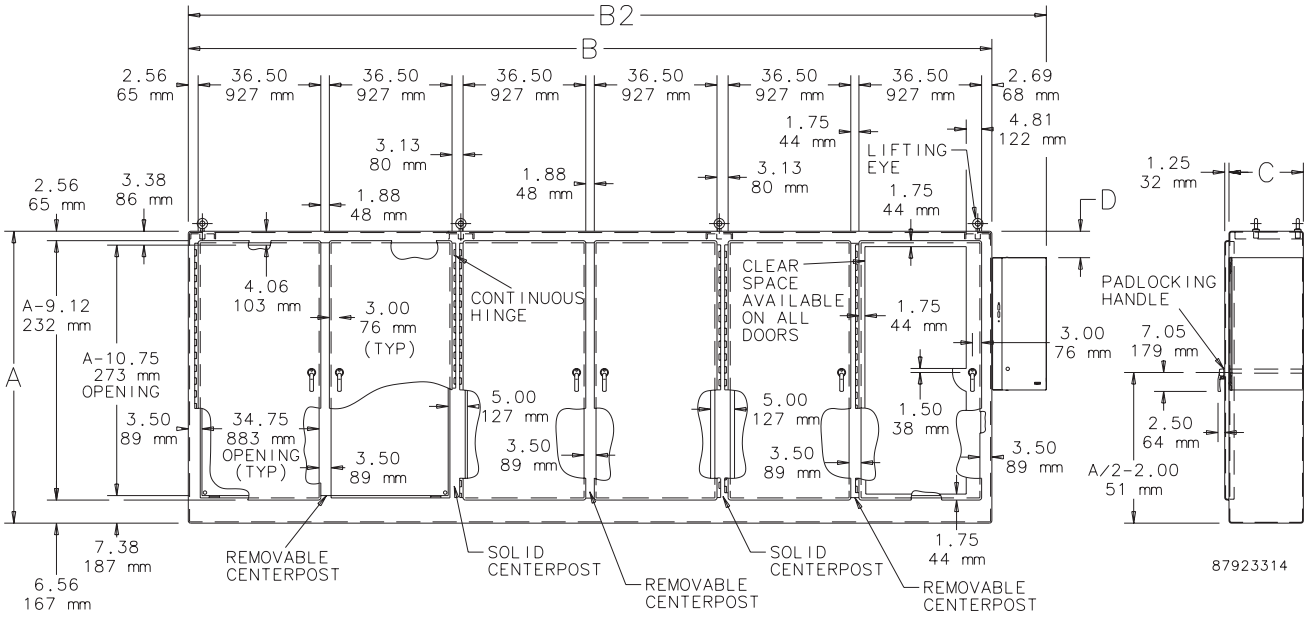
Standard Product **Six-Door Enclosure**

Catalog Number	AxBxC in./mm	B2 in./mm	D in./mm	Large Panel	Number of Large Panels	Size of Panels in./mm
A84XD6EW24FTCLP	84.12 x 236.00 x 24.12	250.00	6.00	A84PM78	3	72.00 x 72.00
	2137 x 5994 x 613	6350	152			1829 x 1829
A90XD6EW24FTCLP	90.12 x 197.75 x 24.12	250.00	9.00	A90PM78	3	78.00 x 72.00
	2289 x 5023 x 613	6350	229			1981 x 1829

B dimension is large enclosure without External Disconnect Enclosure.

B2 dimension is overall size including External Disconnect Enclosure.

Purchase panels separately.



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SEQUESTR® External Disconnect Enclosures

Optional Terminal Plates

Catalog Number	For
ATBP3060	30 and 60 amp switches
ATBP100	100 amp switches
ATBP200	200 amp switches

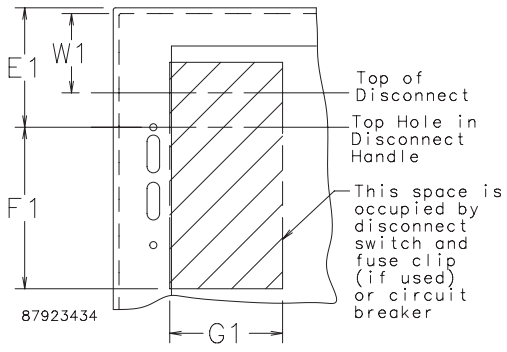
Terminal Plates are IP20 rated.

Disconnect Mounting Space

Disconnects are located by dimension E1. Wiring space W1 is available when disconnect is installed in the enclosure.
See the Hoffman Specifier's Guide Technical Information chapter for E1 Spacing by Enclosure Height for various disconnect switch manufacturers.

Refer to **National Electrical Code® 2005** article 430.10(B) for wiring space required for line side conductors to be connected to disconnect. **Verify your application to determine if wiring space is adequate.**

Consult Space Occupied by Disconnect drawing to determine whether the disconnect device you are using will fit the enclosure size you have selected.



Consult disconnect manufacturer or see Disconnect Ordering Information at hoffmanonline.com under Technical Resources for F1 and G1 dimensions of various brands of disconnects.

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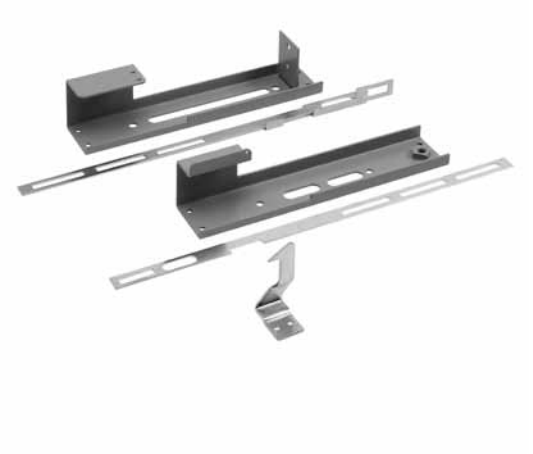
Accessories for Free-Stand or Floor-Mount Disconnect Enclosures

Operator Adapters for Universal Cutouts

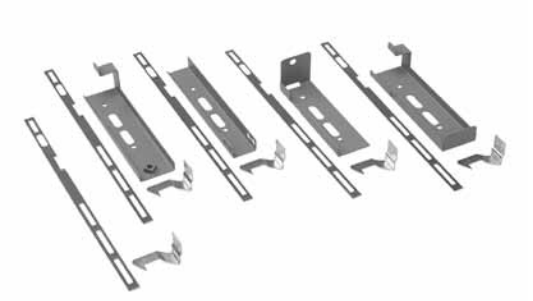


Used on all Hoffman disconnect enclosures with a universal flange cutout.
An operator adapter is required to install a disconnect in Bulletin A21, A28 and A34 Hoffman enclosures that have a universal cutout. Operator adapters include an adapter plate and additional components needed to interlock the master door with the disconnect operating mechanism. Panel drilling and installation instructions are furnished with each operator adapter.
Each brand and type of disconnect requires a different operator adapter. Be sure to select the correct operator adapter and enclosure for the disconnect device selected.

Bulletin: A80

Catalog Number	Brand and Type of Operator
A21ABA	Allen-Bradley 1494F and 1494D fixed-depth mechanisms
A21ABVA	Allen-Bradley 1494V variable-depth mechanisms; Allen-Bradley 140U, 1494C, and 194RC cable-operated mechanisms
A21CHVA	ABB Controls variable-depth; S1, S2, T5 cable size; Cutler-Hammer C361, C371, and C371 Flex Shaft
A21WHA	Eaton Cutler-Hammer/Westinghouse SM mechanisms
A21WHAMTA	Eaton Cutler-Hammer/Westinghouse AMT and flex-cable mechanisms
A21GETDA	General Electric STDA and flex-cable mechanisms
A21ITE	Siemens I-T-E Max-Flex™ ; ABB Controls Cable S3-S5, S6, S7
A21SDA	Square D® Class 9422 variable-depth and flex-cable mechanisms

Operator Adapters for Preferred Cutouts



An operator adapter is required to install a disconnect in Bulletin A21S4, A28S4 and WS2D Hoffman enclosures that have a preferred cutout. Operator adapters include components needed to interlock the master door with the disconnect operating mechanism. Panel drilling and installation instructions are furnished with each operator adapter.
Each brand and type of disconnect requires a different operator adapter. Be sure to select the proper operator adapter and enclosure for the disconnect that you have selected.

Bulletin: A28Y

Catalog Number	Brand and Type of Operator
APCABVA	Allen-Bradley 1494V variable-depth
APCCHVA	Eaton Cutler-Hammer C361, C371 and C371 Flex Shaft™
APCGETDA	General Electric STDA
APCITE	Siemens I-T-E Max-Flex™
APCSDA	Schneider Square D® Class 9422 variable-depth and cable mechanisms

Blank Adapter Plates, Mild Steel

Used to cover flange cutouts in disconnect enclosures when disconnects are not installed. This greatly increases the versatility of disconnect enclosures enabling them to also be used as regular Type 12 enclosures.
Hoffman adapter plates are made from heavy gauge steel and have an oil-resistant gasket to maintain a dust-tight and oil-tight seal. Mounting hardware and instructions are included.
Door hardware is not furnished with blank adapter plate. Door hardware must be ordered separately from the disconnect manufacturer when using catalog numbers A22BAP on Bulletin A22 Enclosures and A3456BAP on Bulletin A25 Enclosures.

Bulletin: A80

Catalog Number	For Mild Steel Enclosure Bulletin Number
A21BAP	A21, A28, A34 (Universal Cutouts)
A22BAP	A22 only
A3456BAP	A19, CW1, A25, A26 (Preferred Cutouts)

A22BAP will fit all Bulletin A22 enclosures except A48AB3812A2LP and A60AB3812A2LP.

A3456BAP will fit all Bulletin A25 enclosures except A60SA3812A24LP.

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Accessories for Free-Stand or Floor-Mount Disconnect Enclosures

Blank Adapter Plates, Stainless Steel

Used to cover flange cutouts in disconnect enclosures when disconnects are not installed.
Hoffman adapter plates are made from heavy gauge Type 304 stainless steel and have an oil-resistant gasket to maintain the dust-tight and oil-tight qualities of the enclosure. The plates have a #4 brushed finish. All necessary mounting hardware and instructions are included.

Bulletin: A80

Catalog Number	For Enclosure Bulletin Number
A2128BAPSS	A19S, CWS, A21S4, A28S4 and WS2D with preferred cutouts

Enclosure Stabilizers

Helps prevent injury to workers by stabilizing floor-mount enclosures which are not bolted down. To install, slip the stabilizer under the floor stand and tighten two thumb screws. Made from .19-in. (5-mm) steel plate. Bright orange finish.

Bulletin: A80

Catalog Number	Description
AENST	Two stabilizers

Platform Assembly

Catalog Number	Description
ADSCPA	Set of 4 rods and mounting hardware

Application

The Platform Assembly is a 6.00-in. (152-mm) high spacer that is required with all 24.12-in. (613-mm) and deeper disconnect enclosures when short connecting rods are used with the following disconnect models.

- ABB Controls flange-operated devices
- Cutler-Hammer C361 devices
- Cutler-Hammer C371 mechanisms which use C371E, F, G, K operating mechanism (see next paragraph for option)
- General Electric Type TDA devices
- Square D® Class 9422 devices

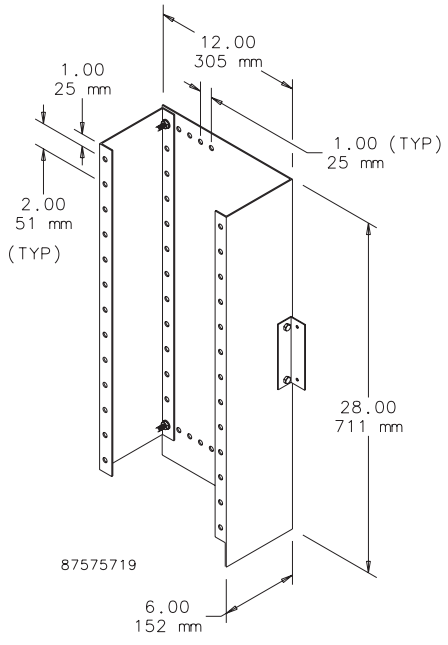
Consult factory for space occupied on panel when platform is used.

Ordering

The platform assembly can be omitted if long connecting rods are ordered in place of short connecting rods.

- For Cutler-Hammer Operating mechanisms C37IE and C37IF, order catalog number C37ICSI connecting rod. For C37IG and C37IK, order catalog number C37ICS2 connecting rod.
- For General Electric devices, order catalog number TDSR extended length drive rod.
- For Square D devices, order catalog number 9422-R2 extra long operating rod(s). Some devices require two rods.

Bulletin: A28Y



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