DISCONNECT WALL-MOUNT 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.

SPECIFICATIONS

- 14 gauge steel
- Seams continuously welded and ground smooth
- Bonding provision on door
- External welded-on mounting brackets for easy installation
- External formed body flange channels away liquids
- 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 disconnect operating handle, operating mechanism, and door hardware
- Available with or without POWERGLIDE handle and latching hardware
- Includes latch pivot post(s) and adjustable door interlock bracket fastened to door, cover latch bar for door, and instructions for installing disconnects
- Model numbers ending with "PL" include POWERGLIDE handle and latching hardware
- Installation instructions provided

FINISH

Body: White inside with ANSI 61 gray finish outside.
Door: ANSI 61 gray inside and outside.

ACCESSORIES

Panels for Type 3R, 4, 4X, 12 and 13 Enclosures
Blank Adapter Plates, Mild Steel
Compact Cooling Fans
PANELITE Enclosure Lights
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
- Disconnect operating handle

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

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 797 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 797 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

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)
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	A48P36G	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	A48P36G	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.

NOTE: nVent HOFFMAN cannot guarantee compatibility of disconnect configurations with third-party latching. Please work with your local nVent HOFFMAN distributor or contact nVent HOFFMAN Technical Support, 763-422-2175, TechAppSupport@nVent.com.

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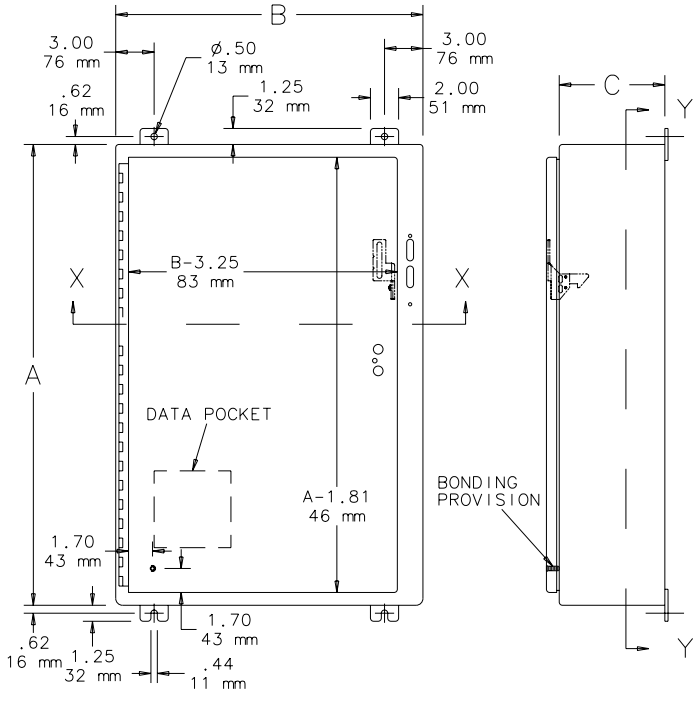
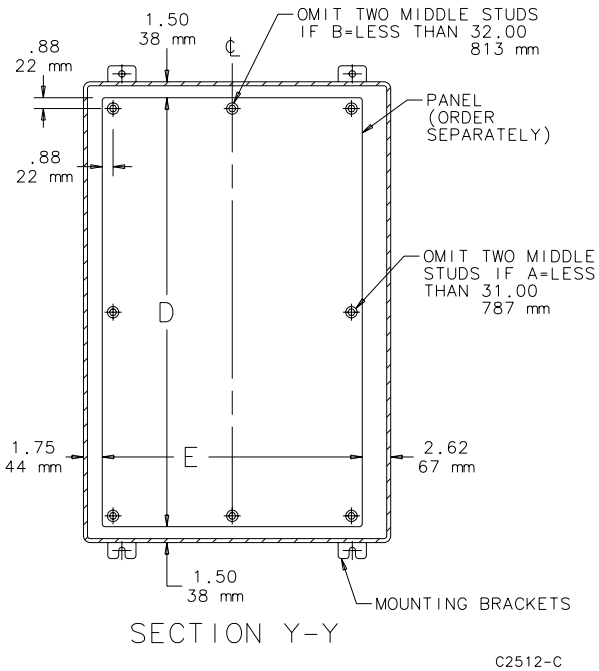
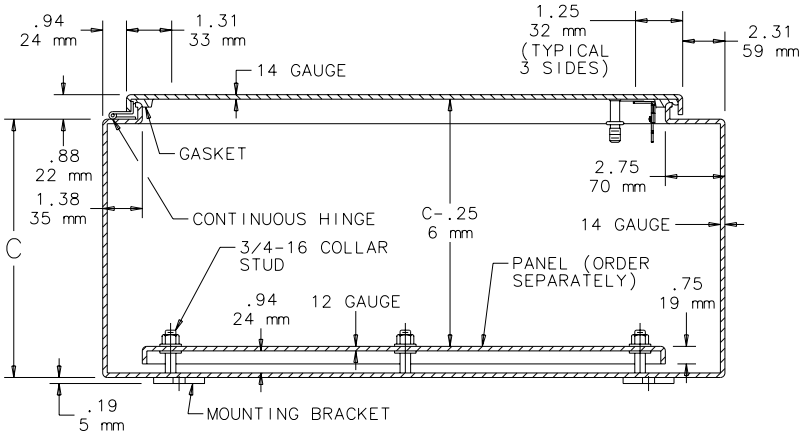
Where provision for 3 or more wires per terminal exists, the minimum wire bending space shall be in accordance with the requirements of Article 312.





SECTION Y-Y

C2512-C



SECTION X-X

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.

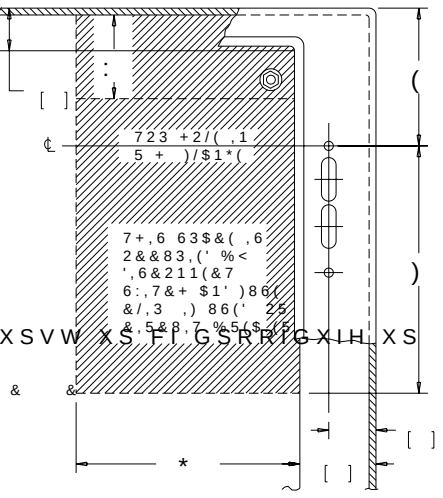
DISCONNECT MOUNTING SPACE

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 [MVMRK WTEGI VIUYMVIH JSV PMRI WMHI GSRHYGXSVW XS FI GSRRIGXIH XS disconnect.

Verify your application to determine if wiring space is adequate.



&RQVXOW GLVFRQQHFW PDQXIDFWXUHU IRU) DQG * GLPHQVLRQV

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

Notes