

## 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 phosphatized surfaces. Optional panels have white or conductive finish.

#### Accessories

See also *Accessories*.

Electric Heater

INTERSAFE® Data Interface Ports, Type 4/4X/12

Fluorescent Light Package

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     | 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     | Free-Stand  | 12         | A54P33 | A54P33G          | 1          | 2            |
| A60X1E4024     | 60.00 x 40.25 x 24.00 | 1525 x 1023 x     | Free-Stand  | 12         | A54P33 | A54P33G          | 1          | 2            |

Purchase panels separately.

## 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.

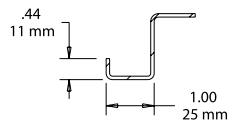
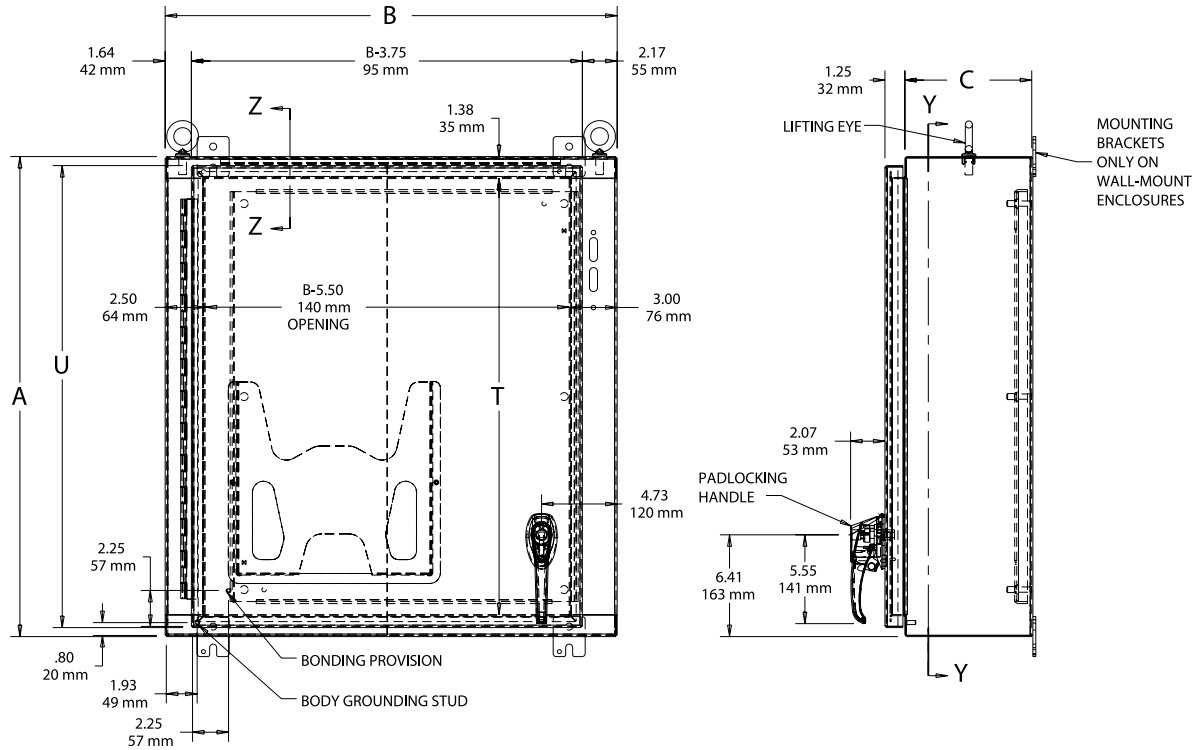
### Standard Product Low Profile Type 12 Five-Door Disconnect Enclosures

| 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            |

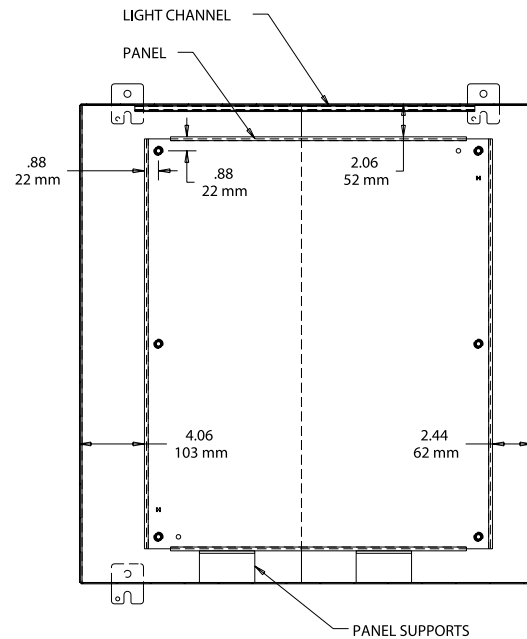
Purchase panels separately.

## Low-Profile Type 12 Disconnect Enclosures and Accessories

### Single-Door Enclosure



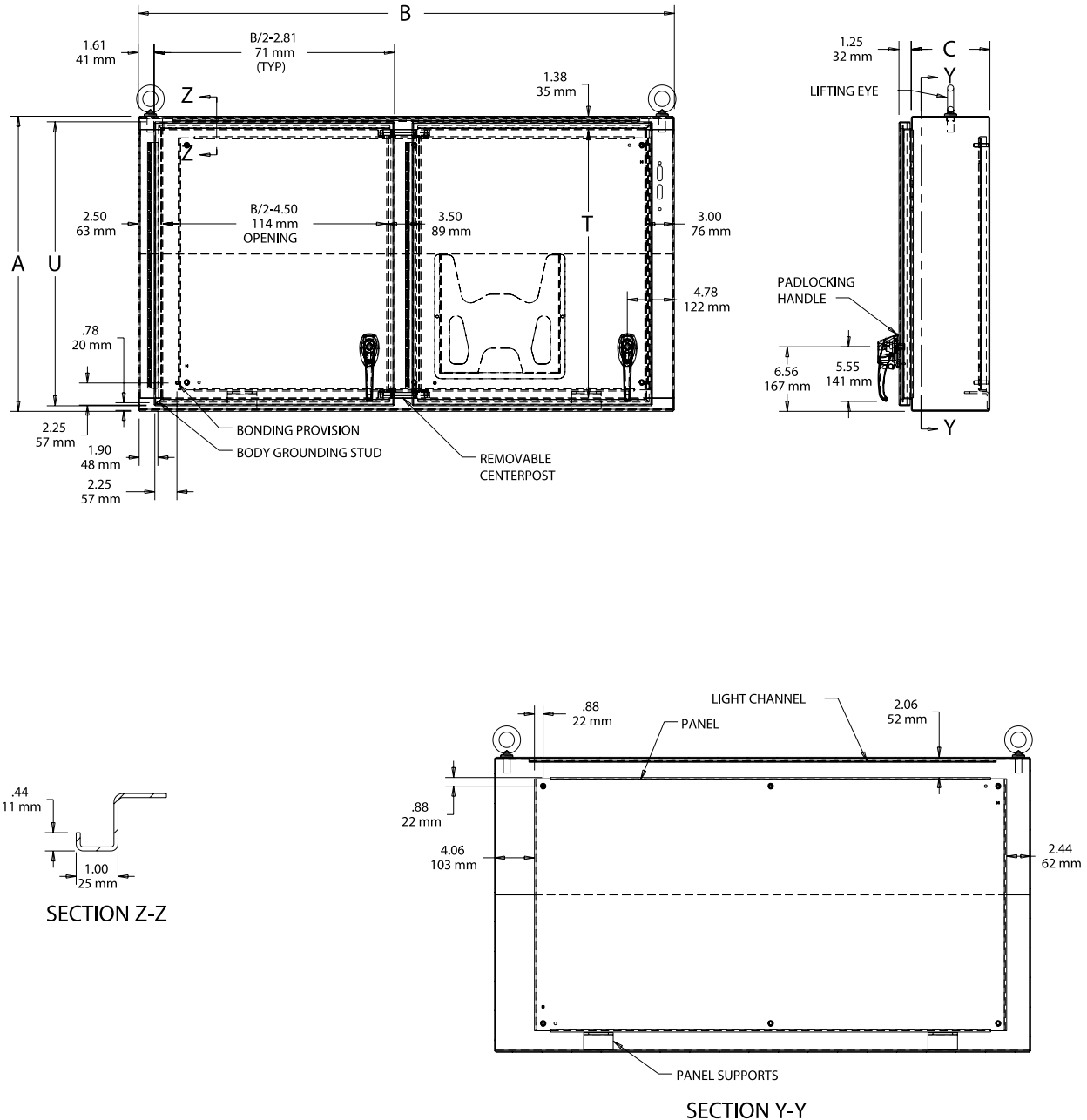
SECTION Z-Z



SECTION Y-Y

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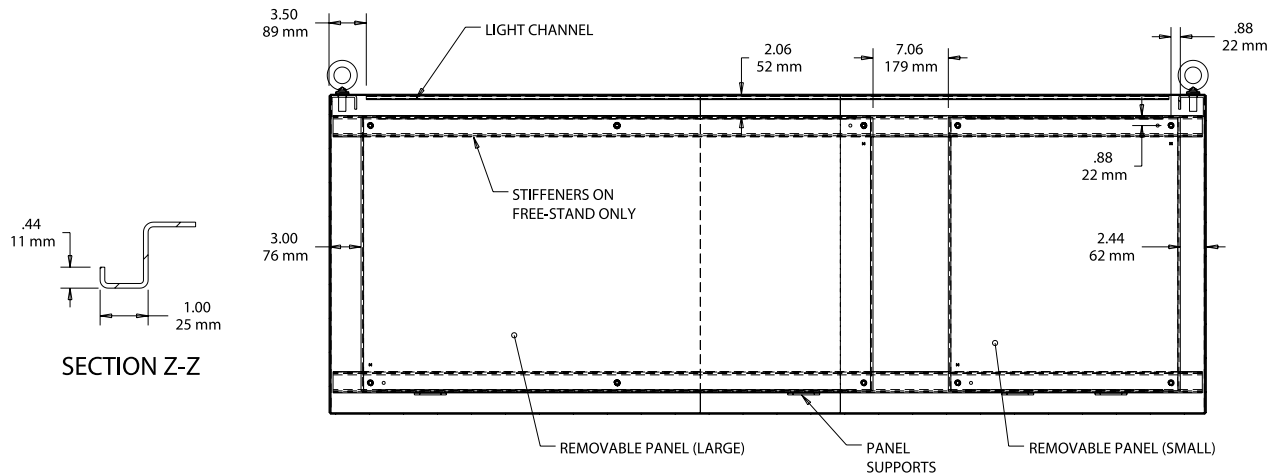
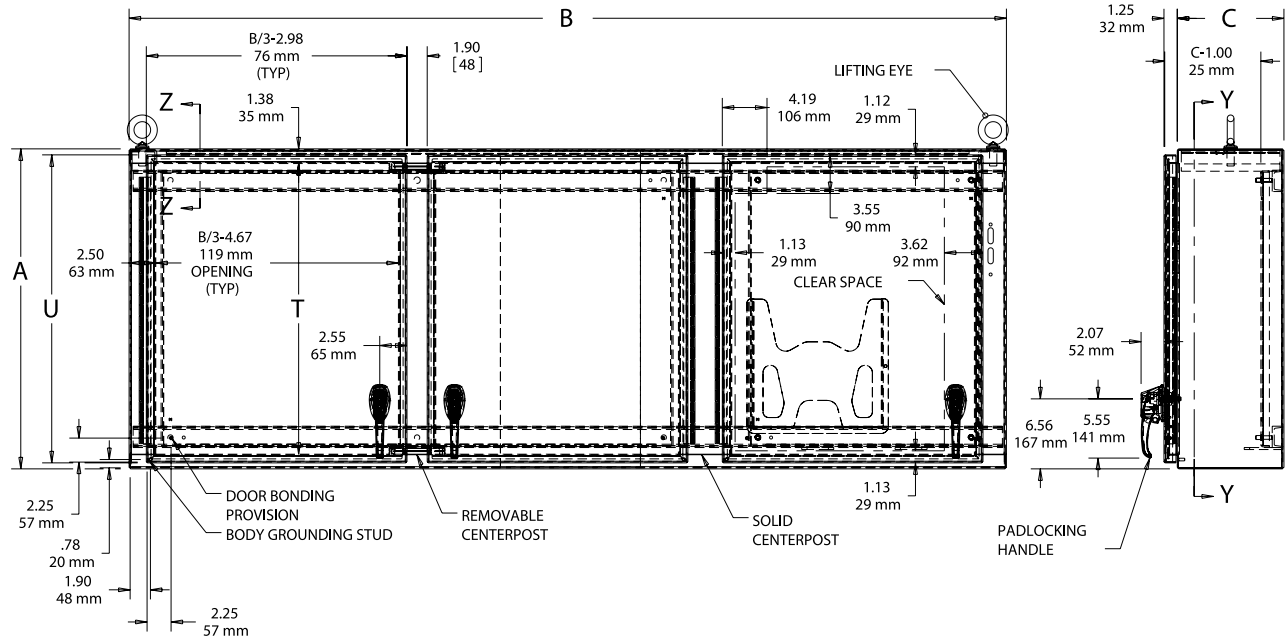
Two-Door Enclosure



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## Low-Profile Type 12 Disconnect Enclosures and Accessories

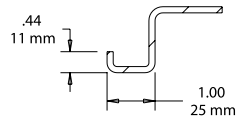
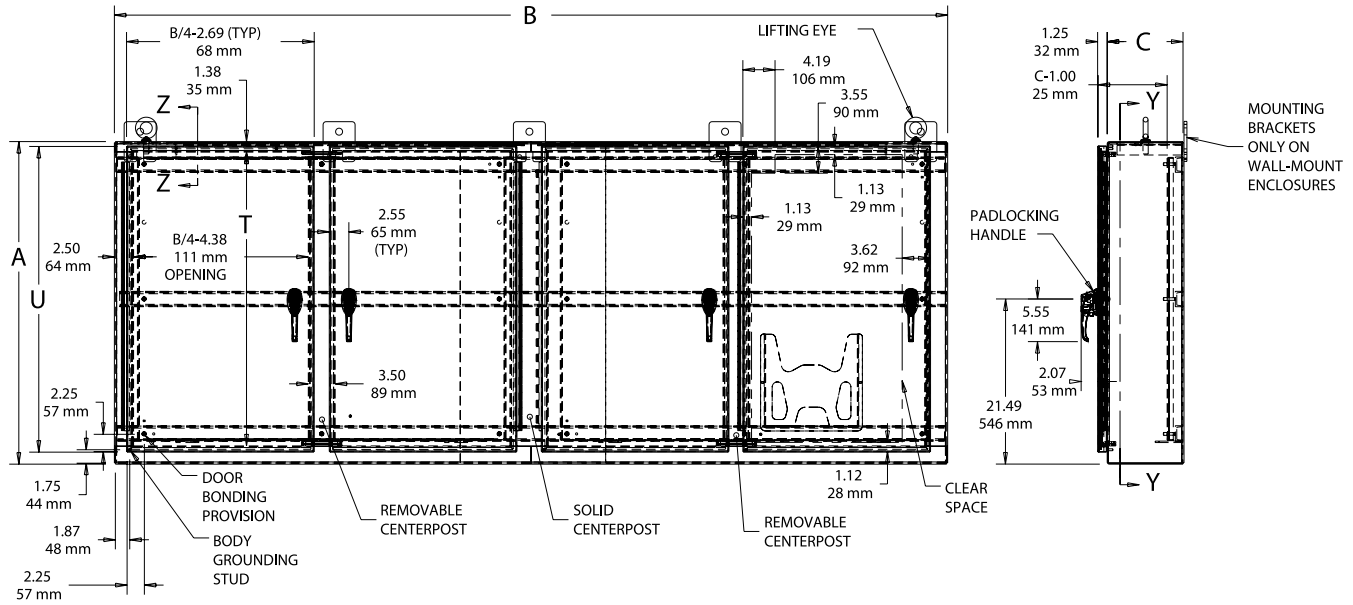
### Three-Door Enclosure



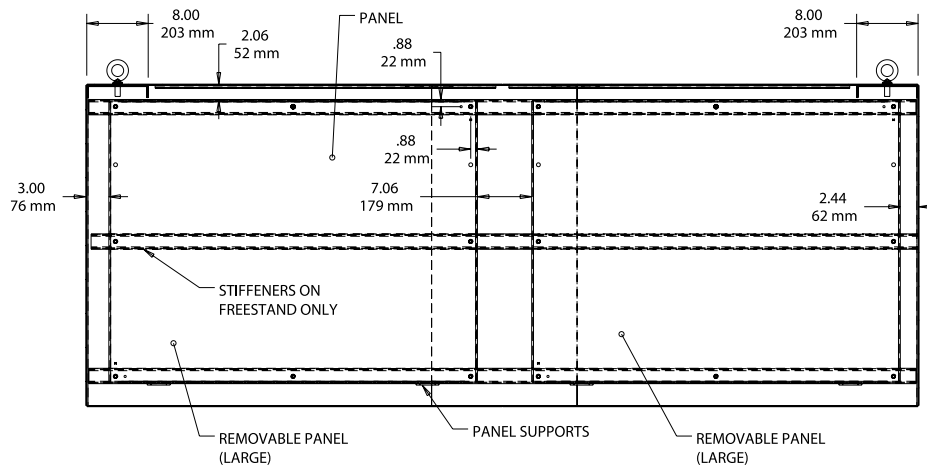
SECTION Y-Y

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Four-Door Enclosure



SECTION Z-Z

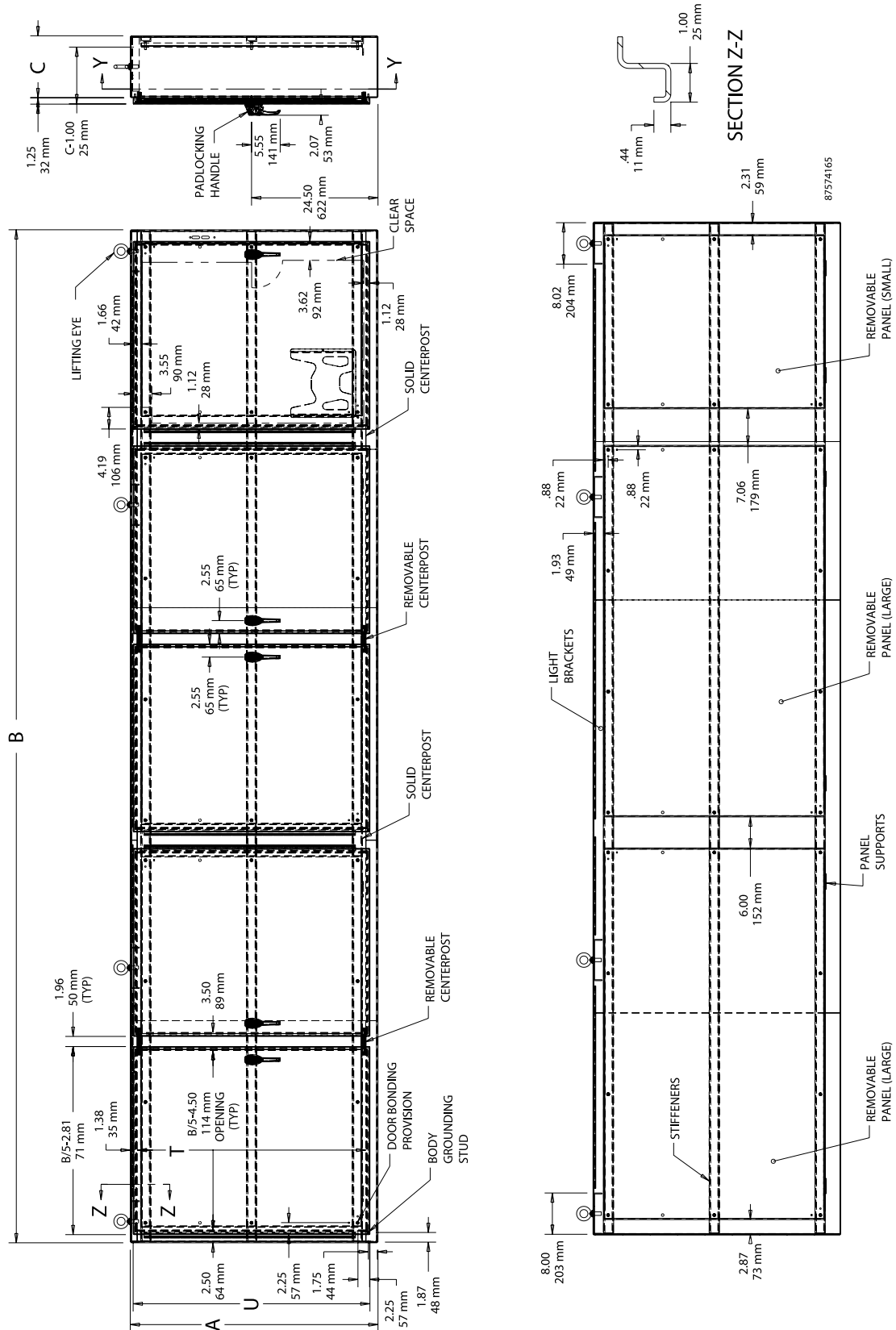


SECTION Y-Y

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## Low-Profile Type 12 Disconnect Enclosures and Accessories

Five-Door Enclosure



## 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)

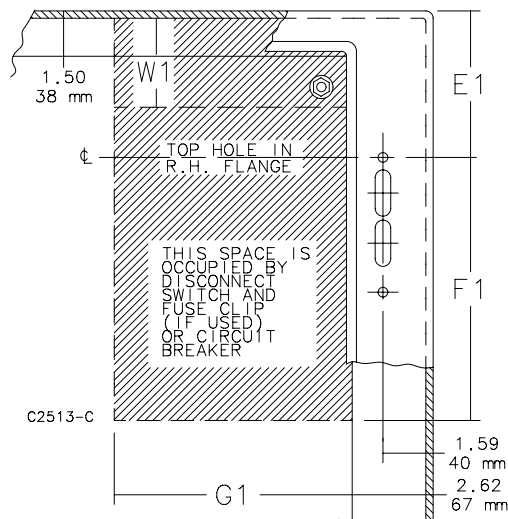
E1 = 11.62 in. (294 mm) when C = 16.00 in. (406 mm)

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.**



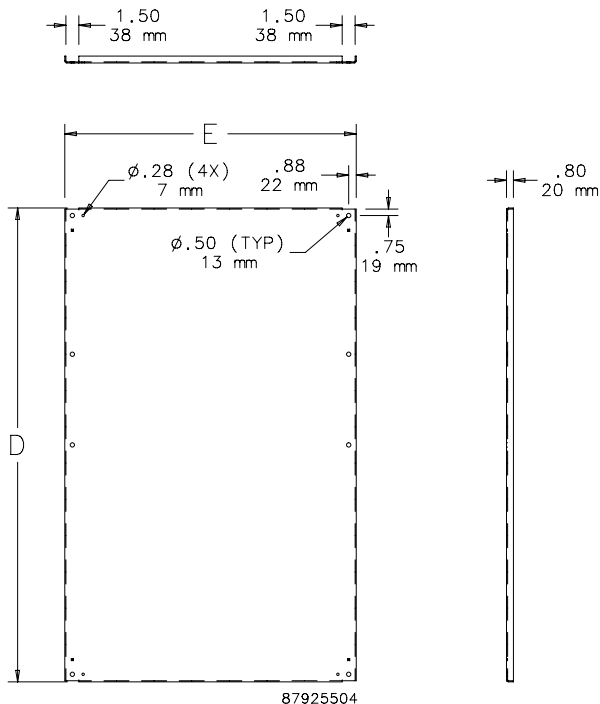
Consult disconnect manufacturer or see Disconnect Ordering Information at [hoffmanonline.com](http://hoffmanonline.com) under Technical Resources for F1 and G1 dimensions of various brands of disconnects.

### 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<br>D x E (in.) | Panel Size<br>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        |



## 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](http://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.

Disconnect: Wall-Mount Preferred-Cutout Disconnect Enclosures

Wall-Mount Preferred-Cutout Overview

Notes