

Type 12 Mild Steel Wallmount Disconnect Enclosure 1447S Series

Continuous Hinge Door (Flange w/ multi-vendor cutout)



Application

- Designed to house the following safety disconnect equipment:
 - ABB Controls flange-mounted variable depth operating mechanism for disconnect switches and circuit breakers. Also cable version for circuit breakers.
 - Allen Bradley 1494V variable depth flange mounted disconnect switches and circuit breaker operators. Will not accept Allen Bradley 1494F disconnect switches, 1494D circuit breaker operators.
 - C-H Westinghouse C361 flange mounted variable depth operating mechanism with disconnect switches and C371 flange mounted variable depth operating mechanisms for circuit breakers. Also Flex-Shaft™ handle mechanisms for circuit breakers.
 - General Electric Type STDA flange handles and variable depth operating mechanism for disconnect switches and circuit breakers. Also SpectraFlex™ cable operators for circuit breakers.
 - Siemens I-T-E Max-Flex™ flange mounted variable depth handles for disconnect switches and circuit breakers.
 - Square D class 9422 disconnect switches with flange mounted variable depth operating mechanisms or cable mechanisms and Class 9422 flange-mounted variable depth operating mechanisms or cable mechanisms for circuit breakers. Will not accept Square D Class 9422 bracket-mounted disconnect devices, 9422TG1 or TG2 devices

Standards

- UL 508 Type 12, 13
- CSA Type 12, 13
- Complies with
 - NEMA Type 12 and 13
 - JIC EGP-1-1967
 - IEC 60529, IP54
 - Appropriate components are required to maintain these standards.

Construction

- Formed 14-gauge steel.
- Continuously welded seams.
- Larger sizes include door and body stiffeners.
- Welded brackets provide for enclosure mounting.
- Formed lip on door and enclosure exclude flowing liquids and contaminants.
- Cutouts and holes are provided to suit the handle, operating mechanism and door closing mechanism.
- Continuously hinged doors may be removed by pulling the hinge pin.

- Latch pivots and cover interlock brackets are welded to the door.
- Cover latch bars for door handles are provided.
- Collar studs are provided for mounting inner panels.
- A removable 12 gauge inner panel is included.
- Oil resistant gaskets are permanently secured and mechanically retained.
- A bonding stud is provided on the door and a grounding stud is provided in the enclosure.
- A literature pocket is provided.
- Product built after Apr 2013 will have an improved seamless poured in place gasket

Finish

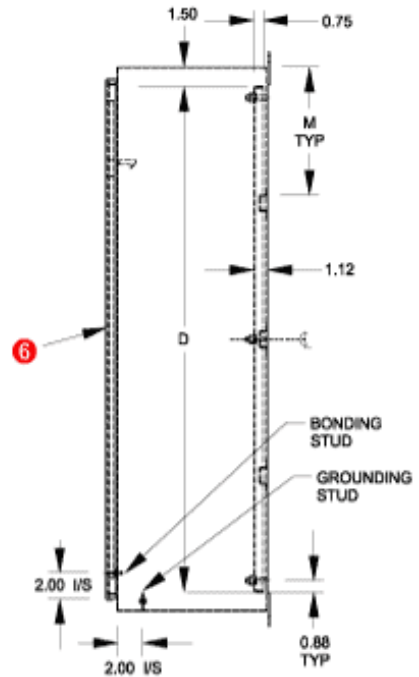
- Cover and enclosure are finished in ANSI61 gray powder coat finish inside and out.
- Inner panel finished in white powder coat finish.
- Disconnects, operating mechanisms and door hardware are not provided with the enclosure, and must be ordered separately from the manufacturer
- Enclosures with an "A" dimension under 40" require 2 point door closing hardware.
- Enclosures with an "A" dimension 40" or more require 3 point door closing hardware.

Accessories

- Inner Panels
- Blowers and Fans
- Door Stop Kit
- Enclosure Stabilizers
- Floor Stand Kit
- Temperature Controls
- Cooling Products
- Ventilation
- Drip Shield Kit
- Filtered Fans
- Heaters
- Window Kits



Front View



Side View



Top View



Closing Mechanism
Catches top of enclosure only



Section Z-Z

| When A= | M= |
|---------|-------|
| 36 | 9.00 |
| 42 | 9.88 |
| 48 | 11.38 |
| 60 | 14.38 |

- ① Vertical body stiffener req'd on 1447SG only.
- ② Omit center body stiffener if A is less than 41".
- ③ Omit 2 middle studs if A is less than 31".
- ④ Omit body stiffeners if B is 28" or less.
- ⑤ Omit 2 middle studs if B is less than 32".
- ⑥ Omit door stiffener if B is 32" or less except if AxB is 42"x31.38".

| Part No. | Panel Size | | | Mounting Center | | Ship Wt. (lbs) | Center Stiffener ² |
|----------|------------|-------|------|-----------------|-------|----------------|-------------------------------|
| | A | B | C | D | E | | |
| 1447SA8 | 20.00 | 21.38 | 8.00 | 17.00 | 17.00 | 51 | N |
| 1447SB8 | 24.00 | 21.38 | 8.00 | 21.00 | 17.00 | 60 | N |
| 1447SC8 | 24.00 | 25.38 | 8.00 | 21.00 | 21.00 | 71 | N |
| 1447SD8 | 30.00 | 21.38 | 8.00 | 27.00 | 17.00 | 74 | N |
| 1447SE8 | 30.00 | 25.38 | 8.00 | 27.00 | 21.00 | 87 | N |
| 1447SF8 | 36.00 | 25.38 | 8.00 | 33.00 | 21.00 | 98 | N |
| 1447SG8 | 36.00 | 31.38 | 8.00 | 33.00 | 27.00 | 121 | N |
| 1447SH8 | 42.00 | 31.38 | 8.00 | 39.00 | 27.00 | 135 | I |
| 1447SJ8 | 42.00 | 37.38 | 8.00 | 39.00 | 33.00 | 154 | I |

| Part No. | Panel Size | | | | | Mounting Center | | Ship Wt. (lbs) | Center Stiffener ² |
|-------------------|------------|-------|-------|-------|-------|-----------------|-------|-------------------|----------------------------------|
| | A | B | C | D | E | F | G | | |
| 1447SK8 | 48.00 | 37.38 | 8.00 | 45.00 | 33.00 | 31.38 | 49.25 | 172 | I |
| 1447SL8 | 60.00 | 37.38 | 8.00 | 57.00 | 33.00 | 31.38 | 61.25 | 248 | I |
| 1447SA10 | 20.00 | 21.38 | 10.00 | 17.00 | 17.00 | 15.38 | 21.25 | 52 | N |
| 1447SB10 | 24.00 | 21.38 | 10.00 | 21.00 | 17.00 | 15.38 | 25.25 | 63 | N |
| 1447SC10 | 24.00 | 25.38 | 10.00 | 21.00 | 21.00 | 19.38 | 25.25 | 71 | N |
| 1447SD10 | 30.00 | 21.38 | 10.00 | 27.00 | 17.00 | 15.38 | 31.25 | 80 | N |
| 1447SE10 | 30.00 | 25.38 | 10.00 | 27.00 | 21.00 | 19.38 | 31.25 | 90 | N |
| 1447SF10 | 36.00 | 25.38 | 10.00 | 33.00 | 21.00 | 19.38 | 37.25 | 100 | N |
| 1447SG10 | 36.00 | 31.38 | 10.00 | 33.00 | 27.00 | 25.38 | 37.25 | 126 | N |
| 1447SH10 | 42.00 | 31.38 | 10.00 | 39.00 | 27.00 | 25.38 | 43.25 | 143 | I |
| 1447SJ10 | 42.00 | 37.38 | 10.00 | 39.00 | 33.00 | 31.38 | 43.25 | 193 | I |
| 1447SK10 | 48.00 | 37.38 | 10.00 | 45.00 | 33.00 | 31.38 | 49.25 | 180 | I |
| 1447SL10 | 60.00 | 37.38 | 10.00 | 57.00 | 33.00 | 31.38 | 61.25 | 255 | I |
| 1447SE12 | 30.00 | 25.38 | 12.00 | 27.00 | 21.00 | 19.38 | 31.25 | 100 | N |
| 1447SG12 | 36.00 | 31.38 | 12.00 | 33.00 | 27.00 | 25.38 | 37.25 | 130 | N |
| 1447SH12 | 42.00 | 31.38 | 12.00 | 39.00 | 27.00 | 25.38 | 43.25 | 150 | I |
| 1447SJ12 | 42.00 | 37.38 | 12.00 | 39.00 | 33.00 | 31.38 | 43.25 | 200 | I |
| 1447SK12 | 48.00 | 37.38 | 12.00 | 45.00 | 33.00 | 31.38 | 49.25 | 220 | I |
| 1447SL12 | 60.00 | 37.38 | 12.00 | 57.00 | 33.00 | 31.38 | 61.25 | 265 | I |
| 1447S46L12 | 60.00 | 37.38 | 12.00 | 57.00 | 34.50 | 31.38 | 61.25 | 265 | 1 |
| 1447SG16 | 36.00 | 31.38 | 16.00 | 33.00 | 27.00 | 25.38 | 37.25 | 150 | N |
| 1447SK16 | 48.00 | 37.38 | 16.00 | 45.00 | 33.00 | 31.38 | 49.25 | 200 | I |
| 1447SL16 | 60.00 | 37.38 | 16.00 | 57.00 | 33.00 | 31.38 | 61.25 | 265 | I |

² Center stiffener; N = not included; I = included

Data subject to change without notice

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- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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