

## 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.

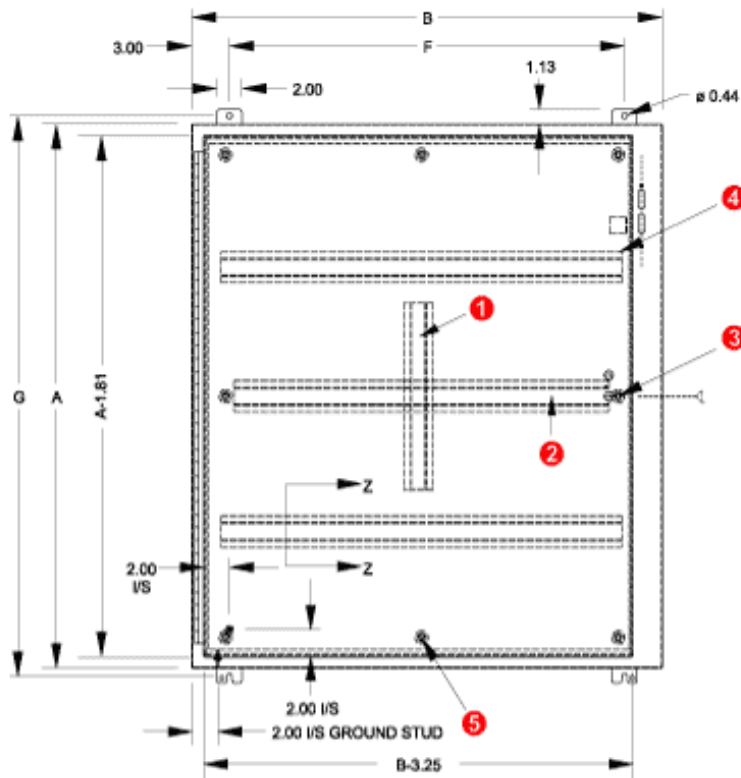
- Latch pivots and cover interlock brackets are welded to the door.
- Cover latch bars for door handles are provided.
- Collar studs are provided for mounting inner panels.
- A removable 12 gauge inner panel is included.
- Oil resistant gaskets are permanently secured and mechanically retained.
- A bonding 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**

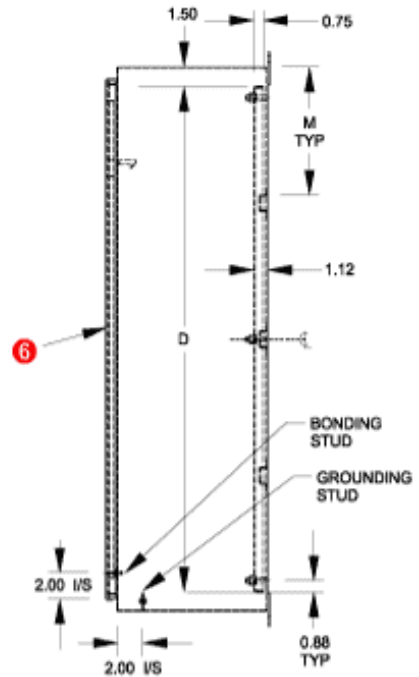
- Cover and enclosure are finished in ANSI61 gray powder coat finish inside and out.
- Inner panel finished in white powder coat finish.
- Disconnects, operating mechanisms and door hardware are not provided with the enclosure, and must be ordered separately from the manufacturer
- Enclosures with an "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**

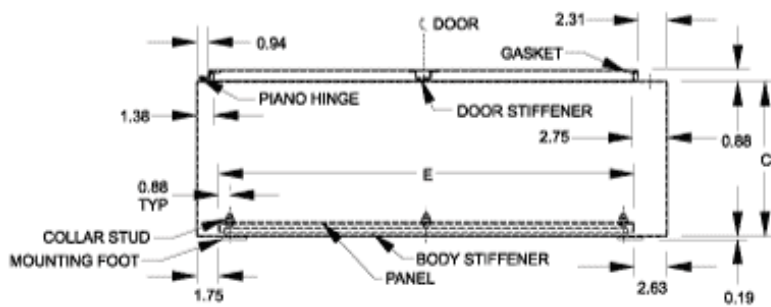
- Inner Panels
- Blowers and Fans
- Door Stop Kit
- Enclosure Stabilizers
- Floor Stand Kit
- Temperature Controls
- Ground Wire Kits
- Cooling Products
- Ventilation
- Drip Shield Kit
- Filtered Fans
- Heaters
- Window Kits



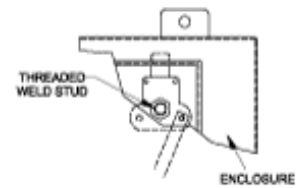
**Front View**



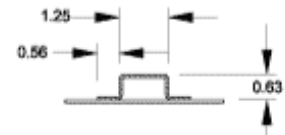
**Side View**



**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 <sup>2</sup>
	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 <sup>2</sup>
	A	B	C	D	E	F	G		
<b>1447SK8</b>	48.00	37.38	8.00	45.00	33.00	31.38	49.25	172	I
<b>1447SL8</b>	60.00	37.38	8.00	57.00	33.00	31.38	61.25	248	I
<b>1447SA10</b>	20.00	21.38	10.00	17.00	17.00	15.38	21.25	52	N
<b>1447SB10</b>	24.00	21.38	10.00	21.00	17.00	15.38	25.25	63	N
<b>1447SC10</b>	24.00	25.38	10.00	21.00	21.00	19.38	25.25	71	N
<b>1447SD10</b>	30.00	21.38	10.00	27.00	17.00	15.38	31.25	80	N
<b>1447SE10</b>	30.00	25.38	10.00	27.00	21.00	19.38	31.25	90	N
<b>1447SF10</b>	36.00	25.38	10.00	33.00	21.00	19.38	37.25	100	N
<b>1447SG10</b>	36.00	31.38	10.00	33.00	27.00	25.38	37.25	126	N
<b>1447SH10</b>	42.00	31.38	10.00	39.00	27.00	25.38	43.25	143	I
<b>1447SJ10</b>	42.00	37.38	10.00	39.00	33.00	31.38	43.25	193	I
<b>1447SK10</b>	48.00	37.38	10.00	45.00	33.00	31.38	49.25	180	I
<b>1447SL10</b>	60.00	37.38	10.00	57.00	33.00	31.38	61.25	255	I
<b>1447SE12</b>	30.00	25.38	12.00	27.00	21.00	19.38	31.25	100	N
<b>1447SG12</b>	36.00	31.38	12.00	33.00	27.00	25.38	37.25	130	N
<b>1447SH12</b>	42.00	31.38	12.00	39.00	27.00	25.38	43.25	150	I
<b>1447SJ12</b>	42.00	37.38	12.00	39.00	33.00	31.38	43.25	200	I
<b>1447SK12</b>	48.00	37.38	12.00	45.00	33.00	31.38	49.25	220	I
<b>1447SL12</b>	60.00	37.38	12.00	57.00	33.00	31.38	61.25	265	I
<b>1447S46L12</b>	60.00	37.38	12.00	57.00	34.50	31.38	61.25	265	1
<b>1447SG16</b>	36.00	31.38	16.00	33.00	27.00	25.38	37.25	150	N
<b>1447SK16</b>	48.00	37.38	16.00	45.00	33.00	31.38	49.25	200	I
<b>1447SL16</b>	60.00	37.38	16.00	57.00	33.00	31.38	61.25	265	I

<sup>2</sup> Center stiffener; N = not included; I = included

*Data subject to change without notice*

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