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We connect and protect

Mild Steel Sequestr External Disconnect 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
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.

The package includes a main enclosure and a Sequestr enclosure. The Sequestr enclosure can be ordered separately to retrofit in existing A28 and A34 main enclosure bulletins.

SPECIFICATIONS

- A28 main enclosure, .121 in steel (11 gauge)
- A70D Sequestr external disconnect enclosure, .060 in steel
- Seams continuously welded and ground smooth
- External formed body flange channels away liquids
- Heavy duty lifting eyes anchored into reinforced top
- Removable centerposts for easy back panel installation
- No disconnect cutout on main control cabinet
- Interlocks doors of main control enclosure 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, slotted latches on Sequestr Enclosure
- Rugged PowerGlide Handle with three-point latch on main control enclosure
- Concealed, easy-to-remove hinges
- 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
- Oil-resistant gasket

ACCESSORIES

Panels for Type 3R, 4, 4X, 12 and 12 Enclosure
Operator Adapters for Universal Cutouts
Compact LED Lights
Floor Stand Kit
SpectraCool Indoor/Outdoor
HF Side-Mount Filter Fans
Steel, Stainless Steel and Non-Metallic Window Kits
Electric Heaters
Hol-Sealers Hole Seals
BULLETIN: A28X1, A28X2 , A28XM, A70D

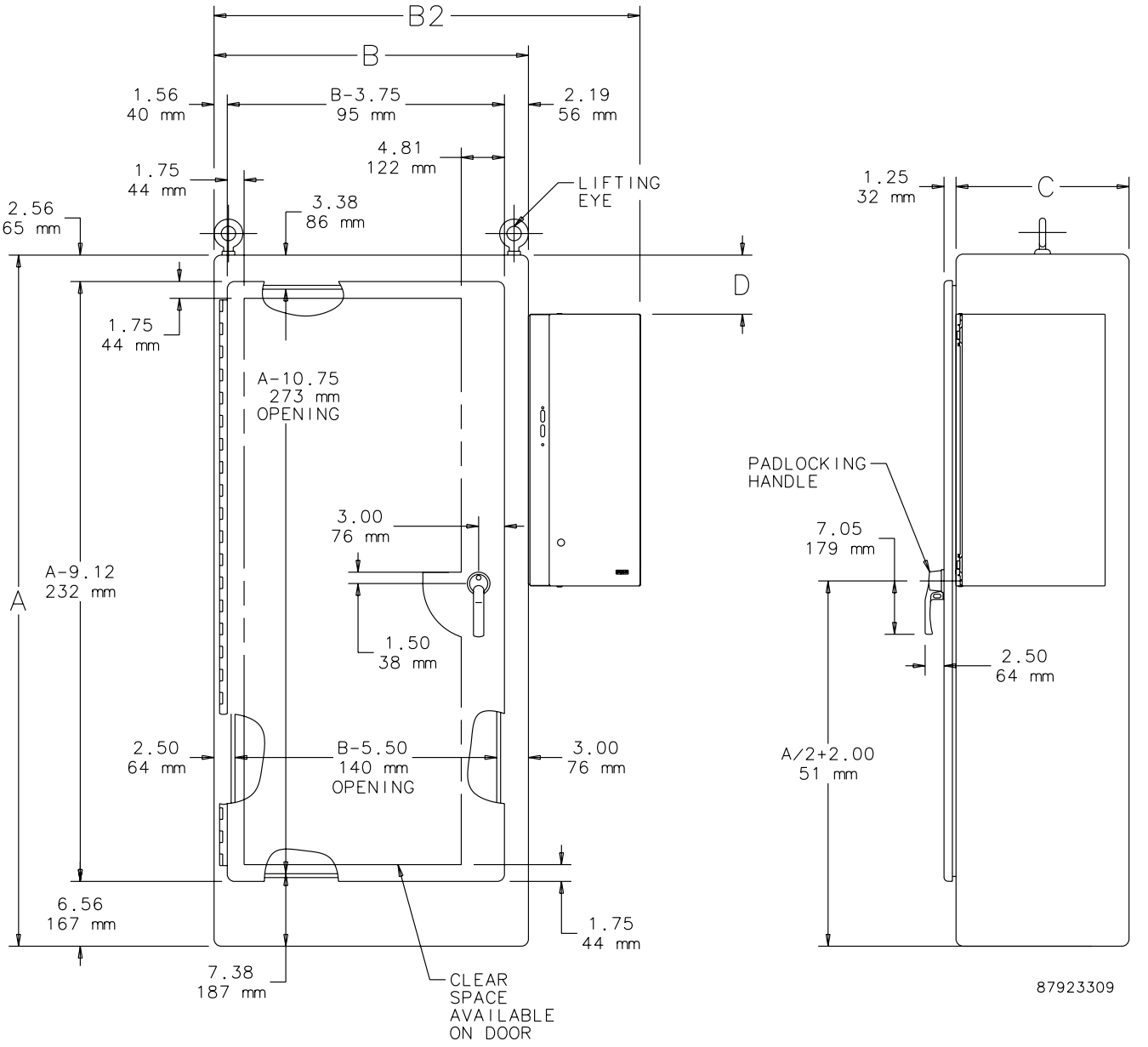
FINISH

- Sequestr External Disconnect Enclosure ANSI 61 gray polyester powder paint inside and out
- ANSI 61 gray polyester powder paint outside and inside
- Sequestr External Disconnect Enclosure panel has conductive finish

STANDARD PRODUCT ONE-DOOR ENCLOSURE

Catalog Number	A × B × C in/mm	B2 in/mm	D in/mm	Panel	Panel Size in/mm
A72XD2818FTCLPG	72.12 × 28.25 × 18.12 1832 × 718 × 460	42.25 1073	0 0	A72PM28	60.00 × 21.75 1524 × 552
A72XD3418FTCLPG	72.12 × 34.25 × 18.12 1832 × 870 × 460	48.25 1226	0 0	A72PM34	60.00 × 27.75 1524 × 705
A72XD4018FTCLPG	72.12 × 40.25 × 18.12 1832 × 1022 × 460	54.25 1378	0 0	A72PM40	60.00 × 33.75 1524 × 857
A84XD4018FTCLPG	84.12 × 40.25 × 18.12 2137 × 1022 × 460	54.25 1378	6.00 152	A84PM40	72.00 × 33.75 1829 × 857
A90XD4018FTCLPG	90.12 × 40.25 × 18.12 2289 × 1022 × 460	54.25 1378	9.00 229	A90PM40	72.00 × 33.75 1981 × 857
A90XD4020FTCLPG	90.12 × 40.25 × 20.12 2289 × 1022 × 511	54.25 1378	9.00 229	A90PM40	72.00 × 33.75 1981 × 857
A84XD4024FTCLPG	84.12 × 40.25 × 24.12 2137 × 1022 × 613	54.25 1378	6.00 152	A84PM40	72.00 × 33.75 1981 × 857
A90XD4024FTCLPG	90.12 × 40.25 × 24.12 2289 × 1022 × 613	54.25 1378	9.00 229	A90PM40	72.00 × 33.75 1981 × 857

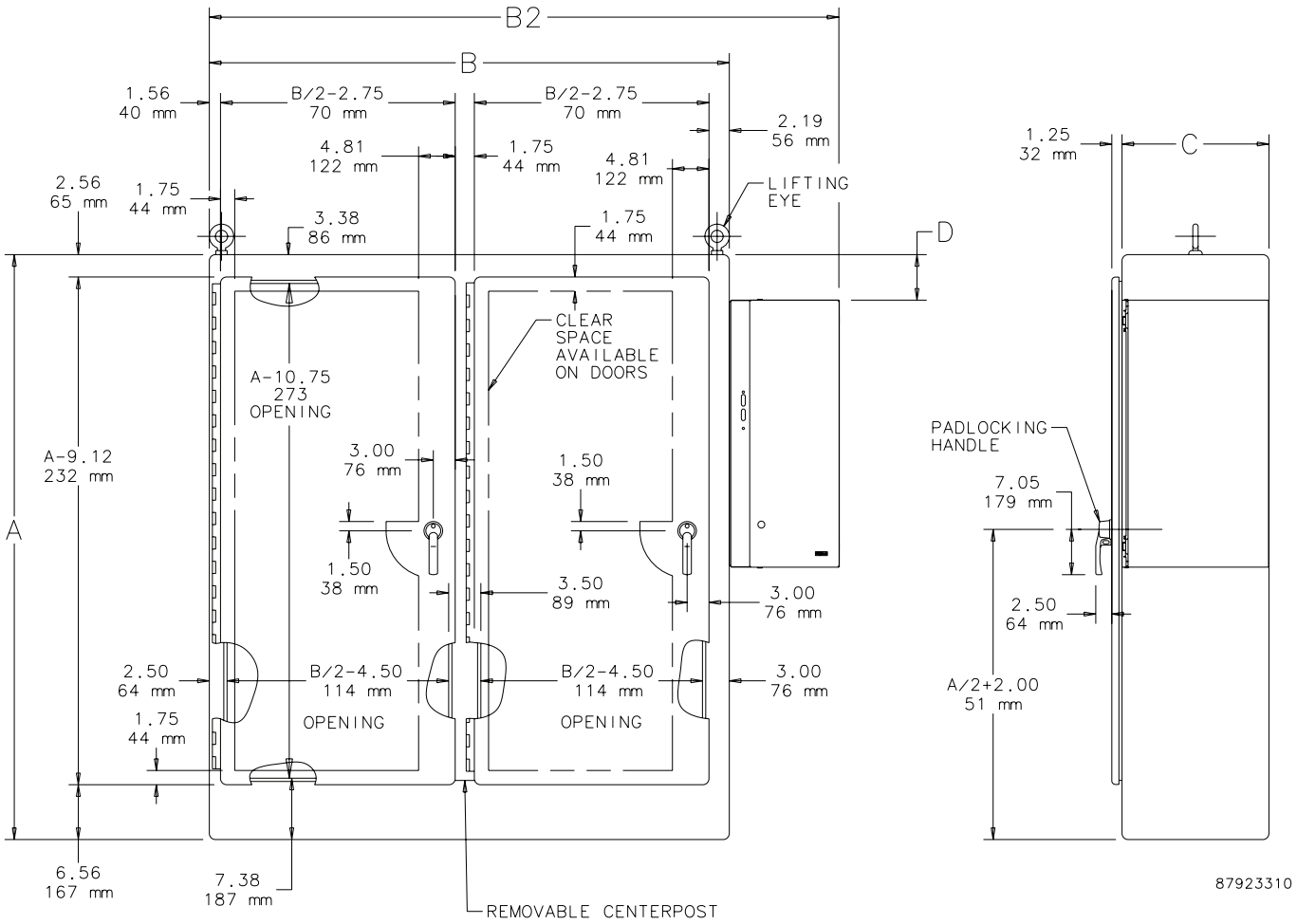
B dimension is large enclosure without External Disconnect Enclosure.
B2 dimension is overall size including External Disconnect Enclosure.
Purchase panels separately.



STANDARD PRODUCT TWO-DOOR ENCLOSURES

Catalog Number	A × B × C in/mm	B2 in/mm	D in/mm	Stiffener Locations in/mm	Panel	Panel Size in/mm
A72XD5418FTCLPG	72.12 × 54.50 × 18.12 1832 × 1384 × 460	68.50 1740	0 0	None None	A72PM54	60.00 × 21.75 1524 × 552
A72XD6618FTCLPG	72.12 × 66.50 × 18.12 1832 × 1689 × 460	80.50 2045	0 0	21.00 533	A72PM66	60.00 × 60.00 1524 × 1524
A72XD7818FTCLPG	72.12 × 78.50 × 18.12 1832 × 1994 × 460	92.50 2350	0 0	24.00 610	A72PM78	60.00 × 72.00 1524 × 1829
A84XD7818FTCLPG	84.12 × 78.50 × 18.12 2137 × 1994 × 460	92.50 2350	6.00 152	24.00 610	A84PM78	72.00 × 72.00 1829 × 1829
A90XD7818FTCLPG	90.12 × 78.50 × 18.12 2289 × 1994 × 460	92.50 2350	9.00 229	24.00 610	A90PM78	78.00 × 72.00 1981 × 1829
A90XD7820FTCLPG	90.12 × 78.50 × 20.12 2289 × 1994 × 511	92.50 2350	9.00 229	24.00 610	A90PM78	78.00 × 72.00 1981 × 1829
A72XD7824FTCLPG	72.12 × 78.50 × 24.12 1832 × 1994 × 613	92.50 2350	0 0	24.00 610	A72PM78	60.00 × 72.00 1524 × 1829
A84XD7824FTCLPG	84.12 × 78.50 × 24.12 2137 × 1994 × 613	92.50 2350	6.00 152	24.00 610	A84PM78	72.00 × 72.00 1829 × 1829
A90XD7824FTCLPG	90.12 × 78.50 × 24.12 2289 × 1994 × 613	92.50 2350	9.00 229	24.00 610	A90PM78	78.00 × 72.00 1981 × 1829

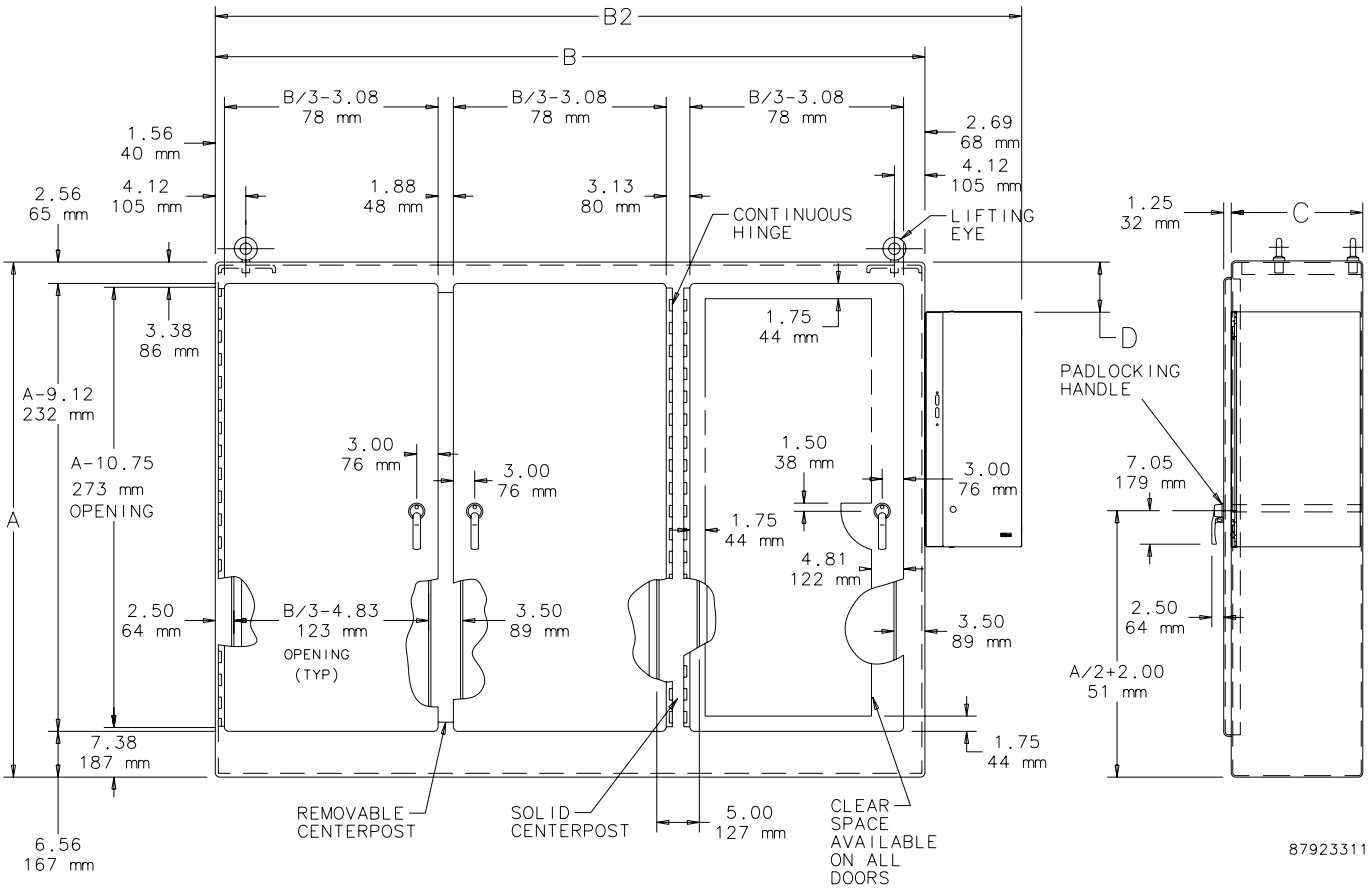
B dimension is large enclosure without External Disconnect Enclosure.
B2 dimension is overall size including External Disconnect Enclosure.
Purchase panels separately.



STANDARD PRODUCT THREE-DOOR ENCLOSURES

Catalog Number	A × B × C 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
A72XD3EQ18FTCLPG	72.12 × 100.75 × 18.12 1832 × 2559 × 460	114.75 2915	0 0	A72PM66	1	60.00 × 60.00 1524 × 1524	A72PM34	1	60.00 × 33.75 1524 × 705
A72XD3EW18FTCLPG	72.12 × 118.75 × 18.12 1832 × 3016 × 460	132.75 3372	0 0	A72PM78	1	60.00 × 72.00 1524 × 1829	A72PM40	1	60.00 × 33.75 1524 × 857
A84XD3EW18FTCLPG	84.12 × 118.75 × 18.12 2137 × 3016 × 460	132.75 3372	6.00 152	A84PM78	1	72.00 × 72.00 1829 × 1829	A84PM40	1	72.00 × 33.75 1829 × 857
A84XD3EW24FTCLPG	84.12 × 118.75 × 24.12 2137 × 3016 × 613	132.75 3372	6.00 152	A84PM78	1	72.00 × 72.00 1829 × 1829	A84PM40	1	72.00 × 33.75 1829 × 857
A90XD3EW24FTCLPG	90.12 × 118.75 × 24.12 2289 × 3016 × 613	132.75 3372	9.00 229	A90PM78	1	78.00 × 72.00 1981 × 1829	A90PM40	1	78.00 × 33.75 1981 × 857

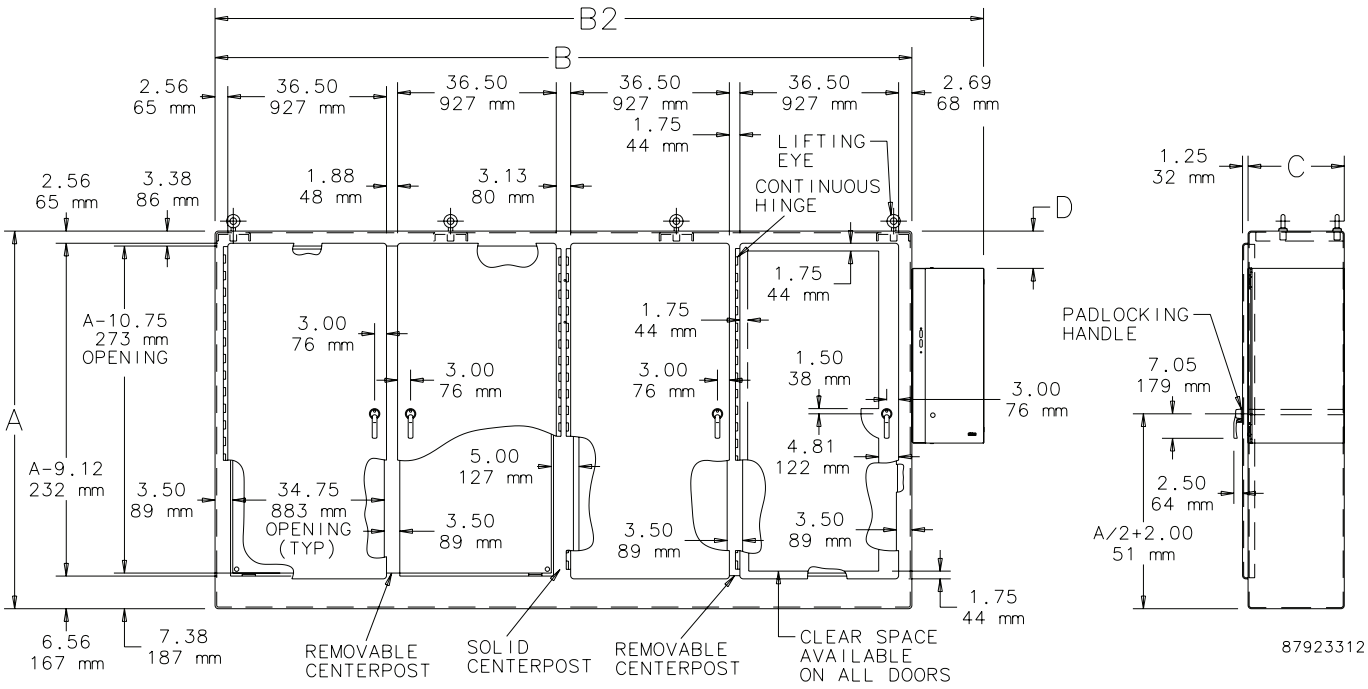
B dimension is large enclosure without External Disconnect Enclosure.
B2 dimension is overall size including External Disconnect Enclosure.
Purchase panels separately.



STANDARD PRODUCT FOUR-DOOR ENCLOSURES

Catalog Number	A × B × C in/mm	B2 in/mm	D in/mm	Large Panel	Number of Panels	Size of Panels in/mm
A84XD4EW18FTCLPG	84.12 × 158.00 × 18.12 2137 × 4013 × 460	172.00 4369	6.00 152	A84PM78	2	72.00 × 72.00 1829 × 1829
A90XD4EW18FTCLPG	90.12 × 158.00 × 18.12 2289 × 4013 × 460	172.00 4369	9.00 229	A90PM78	2	78.00 × 72.00 1981 × 1829
A84XD4EW24FTCLPG	84.12 × 158.00 × 24.12 2137 × 4013 × 613	172.00 4369	6.00 152	A84PM78	2	72.00 × 72.00 1829 × 1829
A90XD4EW24FTCLPG	90.12 × 158.00 × 24.12 2289 × 4013 × 613	172.00 4369	9.00 229	A90PM78	2	78.00 × 72.00 1981 × 1829

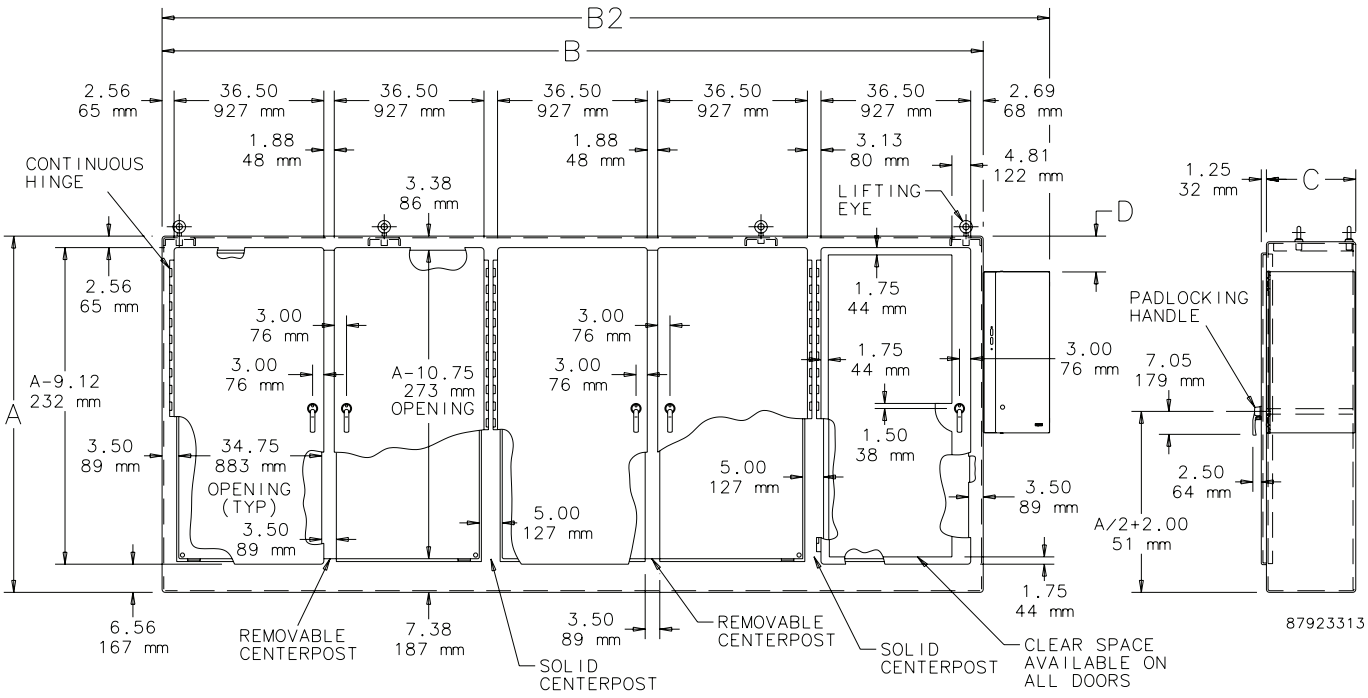
B dimension is large enclosure without External Disconnect Enclosure.
B2 dimension is overall size including External Disconnect Enclosure.
Purchase panels separately.



STANDARD PRODUCT FIVE-DOOR ENCLOSURES

Catalog Number	A × B × C 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
A84XD5EW18FTCLPG	84.12 x 197.75 x 18.12 2137 x 5023 x 460	211.00 5359	6.00 152	A84PM78	2	72.00 x 72.00 1829 x 1829	A84PM40	1	72.00 x 33.75 1829 x 857
A90XD5EW18FTCLPG	90.12 x 197.75 x 18.12 2289 x 5023 x 460	211.00 5359	9.00 229	A90PM78	2	78.00 x 72.00 1981 x 1829	A90PM40	1	78.00 x 33.75 1981 x 857
A84XD5EW24FTCLPG	84.12 x 197.75 x 24.12 2137 x 5023 x 613	211.00 5359	6.00 152	A84PM78	2	72.00 x 72.00 1829 x 1829	A84PM40	1	72.00 x 33.75 1829 x 857
A90XD5EW24FTCLPG	90.12 x 197.75 x 24.12 2289 x 5023 x 613	211.00 5359	9.00 229	A90PM78	2	78.00 x 72.00 1981 x 1829	A90PM40	1	78.00 x 33.75 1981 x 857

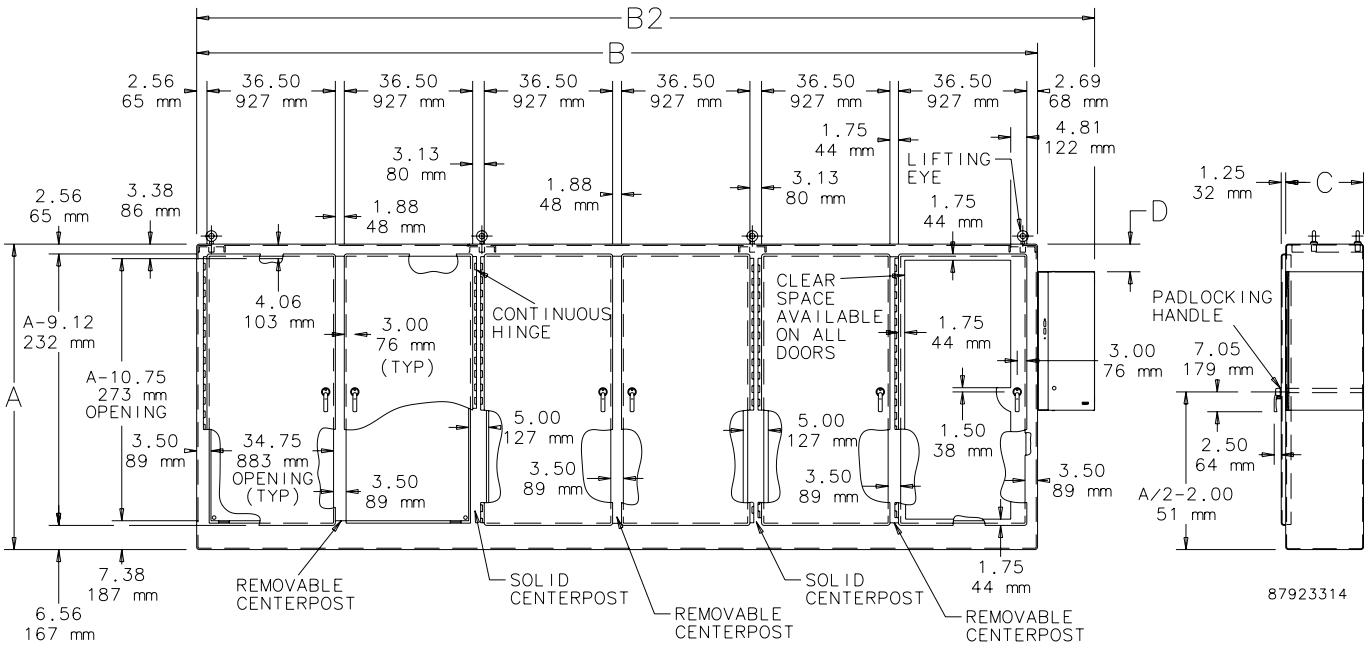
B dimension is large enclosure without External Disconnect Enclosure.
B2 dimension is overall size including External Disconnect Enclosure.
Purchase panels separately.



STANDARD PRODUCT SIX-DOOR ENCLOSURES

Catalog Number	A × B × C in/mm	B2 in/mm	D in/mm	Large Panel	Numbe of Large Panels	Size of Panels in/mm
A84XD6EW24FTCLPG	84.12 x 236.00 x 24.12 2137 x 5994 x 613	250.00 6350	6.00 152	A84PM78	3	72.00 x 72.00 1829 x 1829
A90XD6EW24FTCLPG	90.12 x 236.00 x 24.12 2289 x 5994 x 613	250.00 6350	9.00 229	A90PM78	3	78.00 x 72.00 1981 x 1829

B dimension is large enclosure without External Disconnect Enclosure.
B2 dimension is overall size including External Disconnect Enclosure.
Purchase panels separately.

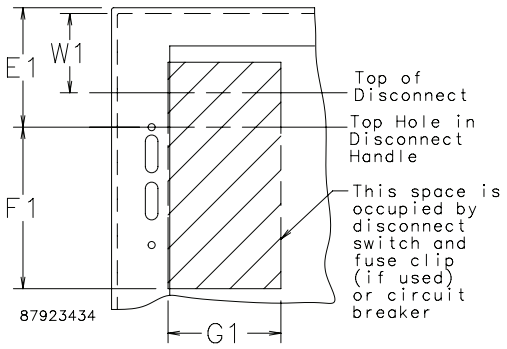


OPTIONAL TERMINAL PLATES

Catalog Number	A × B × C in/mm	Description
ATBP3060	0.00	30 and 60 amp switches
ATBP100	0.00	100 amp switches
ATBP200	0.00	200 amp switches

Terminal Plates rated IP20

DISCONNECT MOUNTING SPACE



Consult disconnect manufacturer for F1 and G1 dimensions.

Disconnects are located by dimension E1. Wiring space W1 is available when disconnect is installed in the enclosure.

See the nVent HOFFMAN Specifier's Guide Technical Information chapter for E1 Spacing by Enclosure Height for various disconnect switch manufacturers.

Refer to **National Electrical Code® 2008** 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.

MILD STEEL SEQUESTR PREFERRED -CUTOUT OVERVIEW



APPLICATION

The Sequestr enclosures have the standard preferred cutout on the left-hand flange. They accept up to 200A disconnect switches from Allen-Bradley and Schneider Square D.

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.
- Bulletin 1494U Allen-Bradley universal disconnect switches with flange-mount handles for either variable-depth or cable-operated mechanisms.

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 bracketmounted 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 nVent HOFFMAN Specifier's Guide Technical Information chapter for wire bend 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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