

Ground-Mount Enclosures Type 12 Modular Free-Standing Data Sheet



Application

- Houses electrical controls and instruments
- Protects against circulating dust, falling dirt and dripping non-corrosive liquids

Standards

- UL 508A listed, Type 12
- CSA C22.2 No.94 certified, Type 12
- Conforms to NEMA standard for Type 12

Finish

- Wash and phosphate undercoat
- ANSI 61 gray polyester powder finish
- Panels have a white polyester powder finish

Accessories

- Channel mounting hardware
- Blank adapter plates
- Operator adapters
- Touch-up paint
- Replacement handles: defeater handle BD-PDHB and keyed handle BD-PKHB (see pages 428 & 429).
- See Accessories section

Construction

- Enclosure and door are fabricated from (12) gauge steel
- All continuous welded seams are finished smooth
- Doors are secured to the body with removable concealed hinges and a center locating 3-point key-locking and padlock handle mechanism
- Modern bevel profile on hinge side of enclosure door(s)
- Slave doors cannot open without activation of mechanical interlock but can close in any order
- Doors have an oil-resistant gasket
- Ground stud provided on door(s) and body
- Print pocket provided
- Modular design and flanged side opening provide strength and a variety of mounting arrangements
- Heavy steel stiffeners welded across the back provide enclosure rigidity
- Removable panels mounted on .375-16 collar studs and panel supports are furnished behind each door
- Large lifting eyebolts are supplied
- Two styles of enclosure construction and specific features:
 1. Single-door disconnect enclosure - Left side open. Door hinges left serving as a master door with connecting interlocks which prevent slave doors from opening first. Defeater mechanism on door requires a screwdriver to open. Universal cut-out on right side flange for disconnect operator.
 2. Two-door disconnect enclosure - Left side open. Both doors hinge left, the right side serving as the master with connecting interlocks which prevent slave doors from opening first. Defeater mechanism on door requires a screwdriver to open. Universal cut-out on right flange for disconnect operator. Center post is removable. Lighting mounting channel provided.

Discount Schedule: C2

Subclass: DOG

Important Note

When ordering modular enclosure systems, be sure to include all the necessary components.

1. Disconnect master or slave enclosure
2. Gasket kits and/or end plates (see page 330)
3. Operator adapter plates **MUST** be ordered for the specific brand and type of disconnect being used, (see page 451)

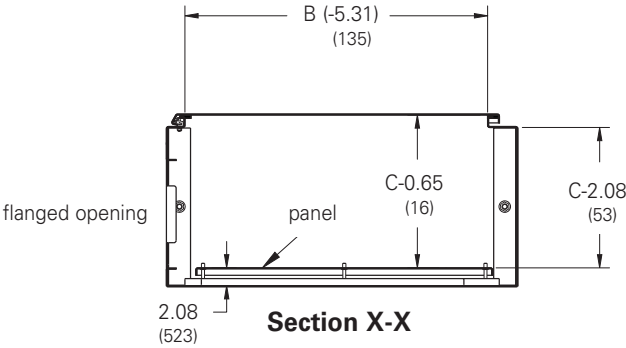
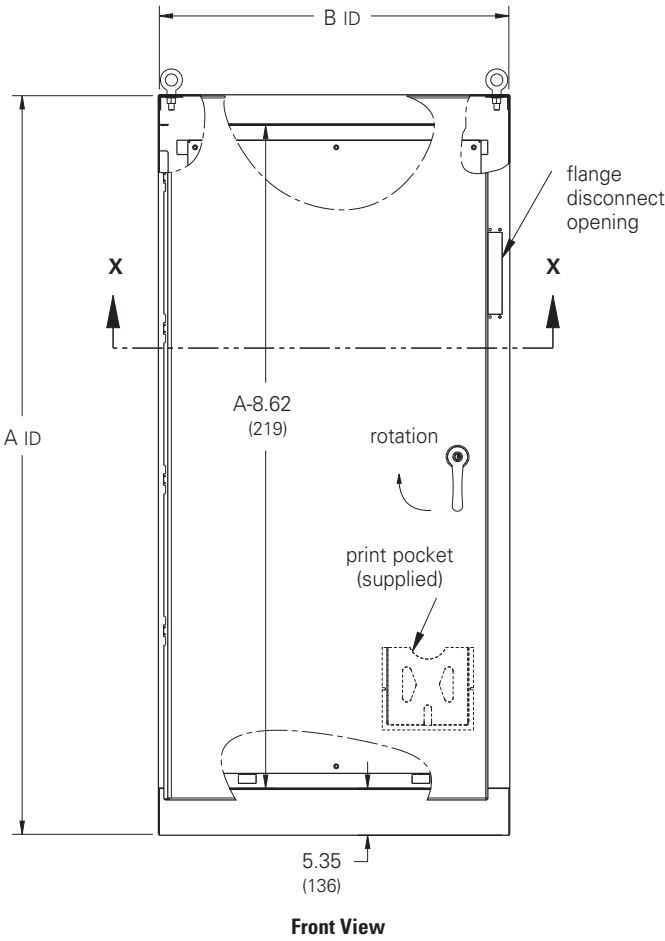
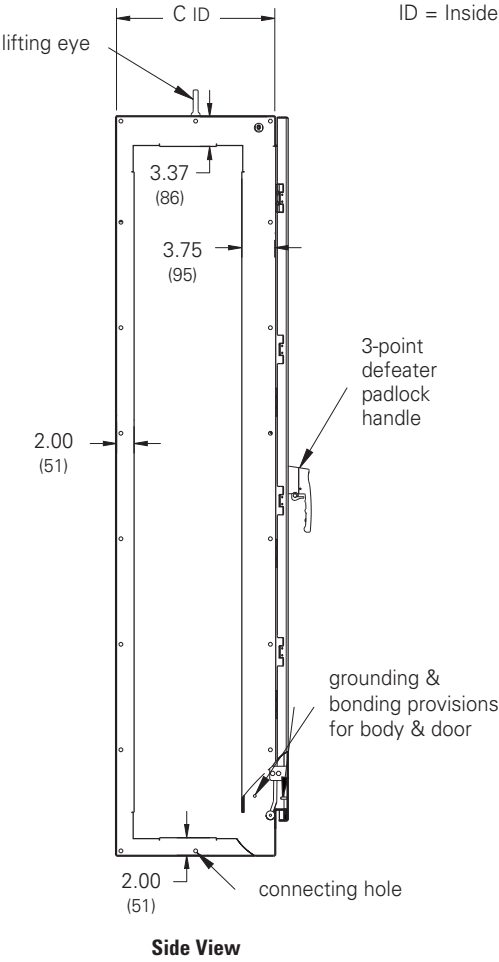
Disconnect switch (or circuit breaker), operating handle and operating mechanism are not furnished with enclosure, see disconnect ordering information, pages 332 - 339.

Notes: We can provide special sizes, finishes and other modifications. Consult the factory for your special requirements.

Disconnect Enclosures

Ground-Mount Enclosures Type 12 Modular Single-Door Free-Standing Illustration Sheet and Catalog Number

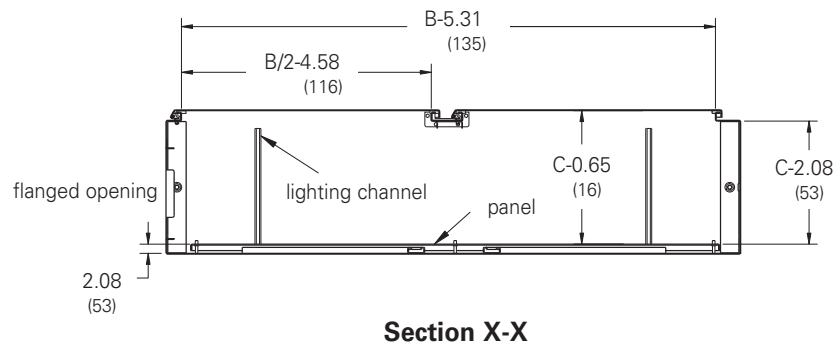
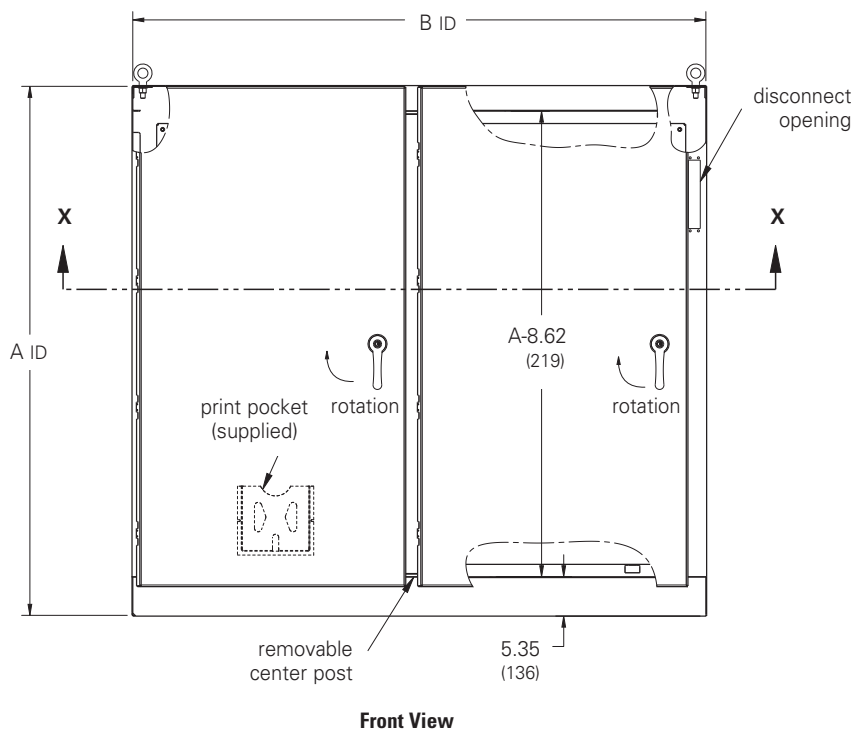
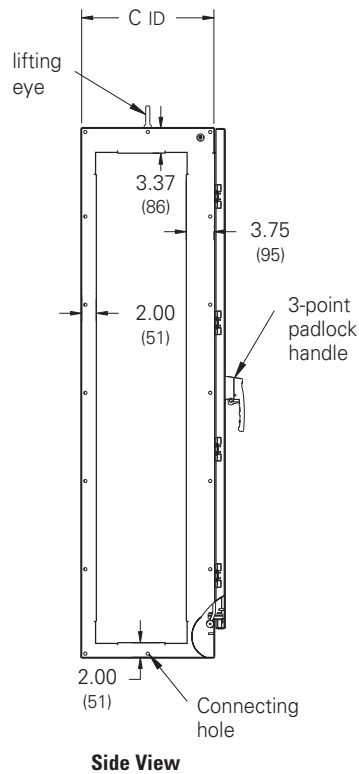
Enclosure	Enclosure Size		Panel Size	
	Height x Width x Depth		Height x Width	
	Catalog Number	A x B x C in. mm	in. mm	in. mm
	MFD723918-12FS	72.00 x 39.75 x 18.00 1829 x 1010 x 457	60.00 x 33.75 1524 x 857	
	MFD843918-12FS	84.00 x 39.75 x 18.00 2134 x 1010 x 457	72.00 x 33.75 1829 x 857	
	MFD843924-12FS	84.00 x 39.75 x 24.00 2134 x 1010 x 610	72.00 x 33.75 1829 x 857	



Notes: Four lifting eyes are furnished when C dimension is 24 (609 mm). Dimensions are in inches. Millimeters shown are for reference only. Data subject to change without notice.

Ground-Mount Enclosures
Type 12 Modular Double-Door Free-Standing
Illustration Sheet and Catalog Number

Enclosure	Enclosure Size		Panel Size	
	Height x Width x Depth			
	Catalog Number	in. A x B x C	mm	Height x Width in. mm
	MFD727818-12FS	72.00 x 78.00 x 18.00	1829 x 1981 x 457	60.00 x 72.00 1524 x 1829
	MFD847818-12FS	84.00 x 78.00 x 18.00	2134 x 1981 x 457	72.00 x 72.00 1829 x 1829
	MFD847824-12FS	84.00 x 78.00 x 24.00	2134 x 1981 x 610	72.00 x 72.00 1829 x 1829



Notes: Four lifting eyes are furnished when C dimension is 24 (609 mm). Dimensions are in inches. Millimeters shown are for reference only. Data subject to change without notice.

Disconnect Encl.

Disconnect Enclosures

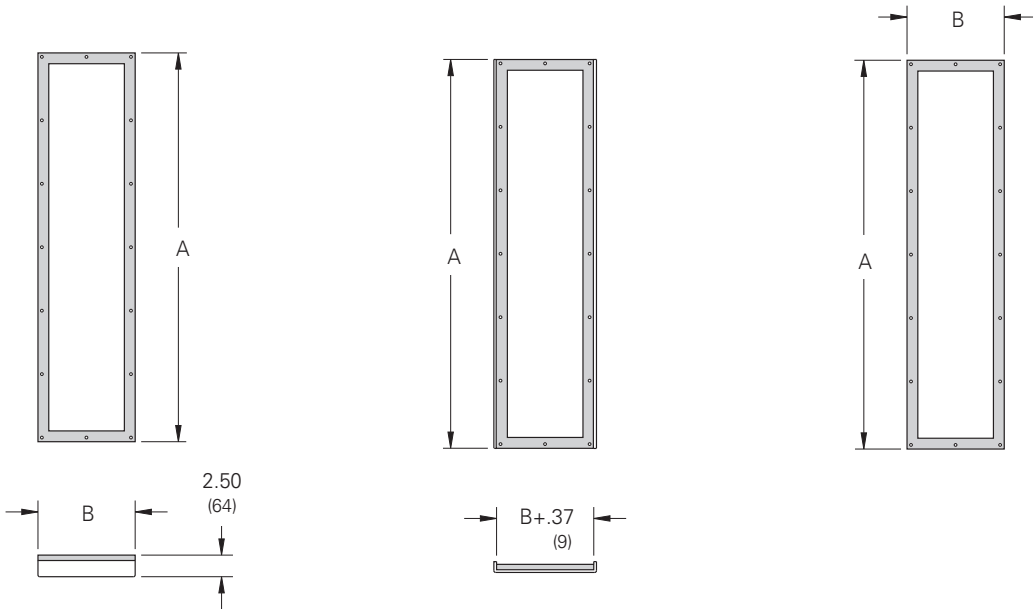
Free-Standing Accessories End Plates & Gasket Kits

Illustration Sheet and Catalog Number

Disconnect Encl.

Modular Accessories

Catalog Number	Size				Fits Enclosure			
	A		B		H x D			
	in.	mm	in.	mm	in.	mm	in.	mm
End Plate								
M7218-12FEK	72.00	1829	18.00	457	72.00	1829	18.00	457
M8418-12FEK	84.00	2134	18.00	457	84.00	2134	18.00	457
M8424-12FEK	84.00	2134	24.00	610	84.00	2134	24.00	610
Flat End Plate/Barrier								
M7218-12FBK	72.00	1829	18.25	464	72.00	1829	18.00	457
M8418-12FBK	84.00	2134	18.25	464	84.00	2134	18.00	457
M8424-12FBK	84.00	2134	24.25	464	84.00	2134	24.00	610
Gasket Kit								
M7218-12FGK	72.00	1829	18.00	457	72.00	1829	18.00	457
M8418-12FGK	84.00	2134	18.00	457	84.00	2134	18.00	457
M8424-12FGK	84.00	2134	24.00	610	84.00	2134	24.00	610



End Plate

Formed end plate and gasket used to seal open end of Modular enclosure. Includes: End Plate, Gasket & Hardware.

Flat End Plate

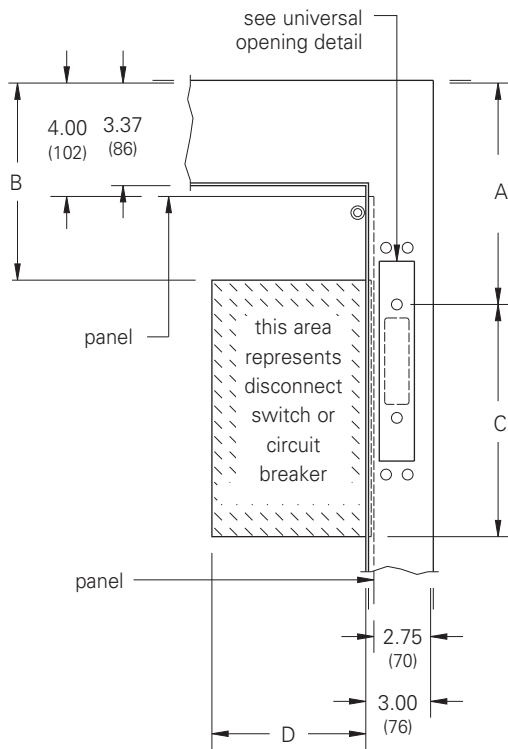
Flat end plate and gasket used to seal open end of Modular enclosure. Also can serve as a barrier when additional gasket is used. Includes: Flat End Plate, Gasket & Hardware

Gasket Kit

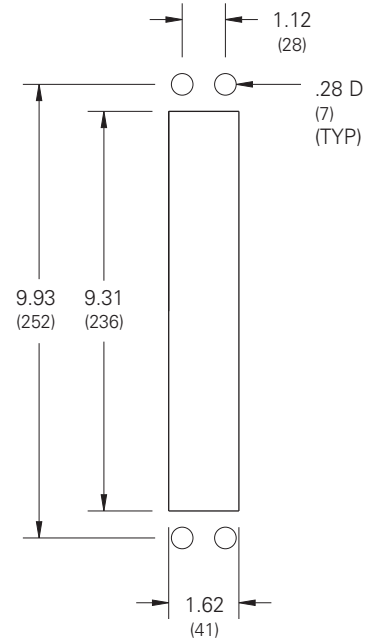
Pre-cut and pre-punched high density poron gasket is required for sealing barrier to additional modular enclosures when ganging. Includes: Gasket & Hardware.

Notes: Dimensions are in inches. Millimeters shown are for reference only. Data subject to change without notice.

Ground-Mount Enclosures Type 12 Modular Free-Standing Illustration Sheet



Flange Mounting



Universal Opening Detail

The dimensional information provided in this drawing is derived from information supplied by the manufacturer of the equipment to be installed. Fit and function of all equipment should be checked before and after installation to assure proper and safe operation and compliance with the applicable regulations, codes and standards.

Universal opening must be filled with an operator adapter kit for the specific brand and type of disconnect being used, (see page 451).

Important Note

When ordering modular enclosure systems, be sure to include all the necessary components.

1. Disconnect master or slave enclosure
2. Gasket kits and/or end plates (see page 330)
3. Operator adapter plates **MUST** be ordered for the specific brand and type of disconnect being used, (see page 451)

Disconnect switch (or circuit breaker), operating handle and operating mechanism are not furnished with enclosure, see disconnect ordering information, pages 331 - 339.

Notes: Refer to disconnect table for associated dimensions. Dimensions are in inches. Millimeters shown are for reference only. Data subject to change without notice.