

# Fiberglass Enclosures

## Disconnect & Circuit Breaker Series

The Disconnect and Circuit Breaker Series is used in larger industrial control systems and machine tool control panels where a disconnect is desirable in extreme environmental conditions. This durable NEMA 4X rated enclosure provides protection from falling dirt, rain, sleet, snow, windblown dust, splashing water and hose-directed water, and will be undamaged by the external formation of ice on the enclosure. The poured polyurethane seamless gasket and fiberglass-reinforced polyester enclosure provides exceptional corrosion and chemical resistance in adverse conditions.

### Features:

- Integral mounting feet
- Stainless steel full length continuous hinge
- Padlockable in off position
- Lightweight
- Memory retaining continuous polyurethane gasket
- Molded in panel mounting inserts
- Chemical-resistant fiberglass-reinforced polyester
- Non-corrosive design
- Environmentally sealed Type 4X disconnect handle
- Watertight, dusttight
- Non-conductive, impact-resistant, UV-resistant
- Material cuts, drills, punches and saws with ease and accuracy
- Rounded edges, minimal protrusions or exposed pocket areas for assembly of dust and debris
- Smooth surface, no color variations, swirls or color pockets, no voids

### Certifications and Compliances:

- UL/cUL 50, Types 1, 3, 3R, 4X, 12
- UL File No. E-57656
- CSA Std. C22.2 - File 244248 Types 1, 3, 3R, 4X, 12
- NEMA Standard 250 - Types 1, 3, 3R, 4X, 12
- Temperature range: -76°F to +250°F (-60°C to +120°C)
- Flammability rating: UL94-5V
- Non-flame propagating



### Standard Materials and Finishes:

- Hot compression molded fiberglass-reinforced thermoset polyester
- Poured polyurethane seamless gasket
- 304 stainless steel used on all external hardware
- Panel mounting capability for fixed rear panel
- Bosses utilize threaded brass inserts



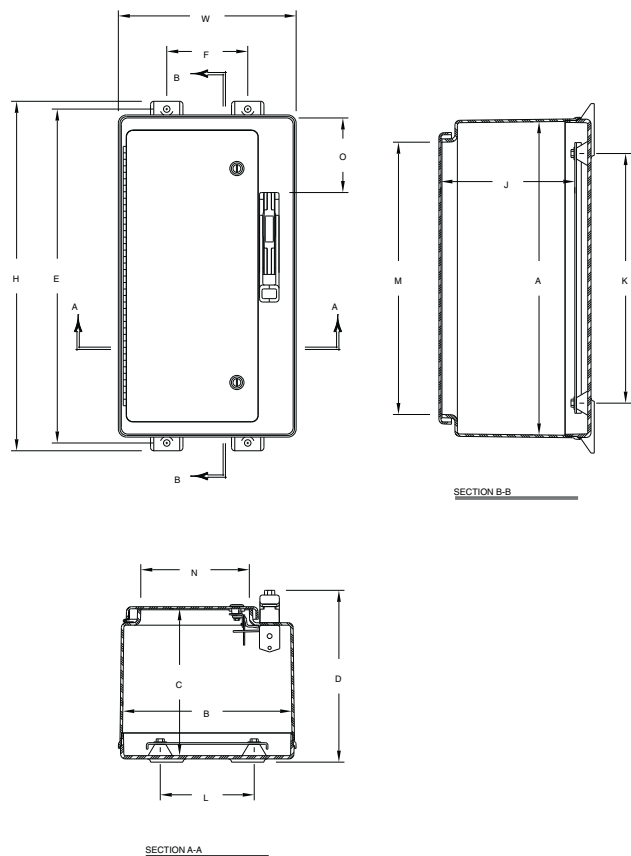
Inside H x W x D	Cat. # Disconnect	Cat. # Mounting Plate*
20.00 x 16.00 x 9.00	FDC201608	FMPC2016
24.00 x 12.00 x 11.00	FDC241212	FMPC2412
24.00 x 24.00 x 11.00	FDC242412	FMPC2424
30.00 x 24.00 x 11.00	FDC302412	FMPC3024
36.00 x 30.00 x 11.00	FDC363012	FMPC3630

\*Available in: aluminum (SA), fiberglass (FG), carbon steel (C) and 304 stainless steel (SS). To order, add the suffix to the end of the catalog number.

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### Dimensional Drawings:



### Configuration Dimensions (in Inches (mm)):

Cat. #	Overall H x W x D	Inside A x B x C	Mounting E x F	J	K	L	Enclosure Opening M x N	O	Weight (Lbs.)
FDC201608	22.75 x 16.87 x 11.00 (578 x 429 x 279)	19.70 x 16.04 x 9.24 (500 x 407 x 235)	21.50 x 10.12 (546 x 257)	8.26 (210)	15.25 (387)	11.25 (286)	16.75 x 12.19 (425 x 310)	3.50 (89)	23
FDC241212	26.95 x 13.72 x 13.25 (685 x 348 x 337)	24.00 x 12.87 x 11.33 (610 x 327 x 288)	25.75 x 6.25 (654 x 159)	10.33 (262)	19.25 (489)	7.25 (184)	21.00 x 8.37 (533 x 213)	5.75 (146)	26
FDC242412	27.00 x 25.24 x 13.19 (686 x 641 x 335)	24.05 x 24.39 x 11.25 (611 x 619 x 286)	25.75 x 17.87 (654 x 454)	10.25 (260)	19.25 (489)	19.25 (489)	21.25 x 20.00 (540 x 508)	5.75 (146)	40
FDC302412	33.41 x 26.32 x 13.19 (849 x 668 x 335)	30.46 x 25.47 x 11.27 (774 x 647 x 286)	32.25 x 18.50 (819 x 470)	10.27 (261)	25.25 (641)	19.25 (489)	27.38 x 21.25 (695 x 540)	12.25 (311)	51
FDC363012	39.31 x 32.50 x 13.31 (999 x 826 x 338)	36.31 x 31.69 x 11.36 (922 x 805 x 289)	38.13 x 23.88 (968 x 606)	10.36 (263)	31.25 (794)	25.25 (641)	33.25 x 27.50 (845 x 692)	12.25 (311)	79

\*Disconnect, fuse block, breaker, yoke, switches or other internal components are not furnished with enclosure.