



B7CD - B7C Series - Aluminum Circuit Breaker Enclosure, 400A Max

By Killark
Catalog # B7CD

B7C Series - Aluminum Circuit Breaker Enclosure - 400A Max

Features

- Copper-free, cast aluminum construction (less than 4/10 of 1%).
- High strength, lighter in weight, corrosion resistant.
- Hinged Cover is standard (left side hinge).
- More wiring room - Meets the latest NEC/CEC wire bending requirements for circuit breaker enclosures.
- Ductile Mounting Lugs - Lugs are made of ductile aluminum alloy to adjust to irregular mounting surfaces without damage to enclosure.
- Universal Mounting Pan - Sheet aluminum pan is pre-drilled to facilitate easy field installation of major circuit breaker brands.
- Provision for grounding supplied as standard.
- Conduit Openings Supplied - Standard conduit openings include power conduit top and bottom and a plugged opening suitable for field installation of drain and breather.
- Special conduit openings can be supplied at factory, or can be field installed.
- Breaker Handle - Provisions for lock "ON" or "OFF" positions with up to three padlocks. Spring loaded to prevent damage of breaker toggle and provides positive handle alignment. O-ring on shaft to prevent water seeping into enclosure.
- Recessed Flange Notches - Flanges are notched to allow for easier cover opening with prying instrument without flange damage.
- Gasketed Flange - Nitrile (BUNA-N) O-ring gasket is located inside cover bolt circle to prevent water seeping into enclosure.
- Quick Release, Captivated Cover - Bolts of 316 Grade Stainless Steel Triple lead bolts require only 3 1/2 turns to disengage.

Application

Locations such as petroleum refineries, chemical and petroleum plants with indoor and outdoor processes. Motor control and circuit protection in locations made hazardous due to the presence of flammable gases or vapors, combustible dust, or easily ignitable fiber and flyings, and areas which are subject to corrosion, weather, and dampness.

Specifications

CSA File Number LR11714



EU RoHS Indicator	Contact Manufacturer
Nema Rating	3, 4, 4X, 7(B, C, D), 9(E, F, G)
UL File Number	E83969
Hazardous Rating(s)	• Class I, Divisions 1 & 2, Groups B, C, D • Class I, Zones 1 & 2, Groups IIB+H2, IIA • Class II, Divisions 1 & 2, Groups E, F, G • Class III, Divisions 1 & 2

Current

Frequency Rating	60 Hz
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Dimensions

Depth	11.5 in
Weight	155 lb.
Height	34.25 in
Width	16.5 in
Gross Weight with Packaging	160

General

Color	Aluminum
Enclosure Type	Bolted
Series	B7C Series
Mounting Type	Wall
UPC	783936016153
Type	Circuit Breaker Enclosure
Material	Aluminum, Copper Free (less than 4/10 of 1%)
Finish Type	Lacquer

Operational

Actuator	Molded Case Circuit Breaker Operator
Operating Temperature Celcius Max	40 Degree

Product Assets

- [Catalog \[English\]](#)
- [Catalog Page \[English\]](#)
- [Installation Manual \[English\]](#)