



B7CA-WFDB-62080 - B7C Series, 80A, 600 VAC, 2 Pole, FDB Frame, Circuit Breaker Enclosure

By Killark
Catalog # B7CA-WFDB-62080

B7C Series,80 A, 600 VAC, 2 Pole, FDB Frame, Circuit Breaker Enclosure

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

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| Hazardous Rating(s) | <ul style="list-style-type: none">• Class I, Divisions 1 & 2, Groups B, C, D• Class I, Zones 1 & 2, Groups IIB+H2, IIA |
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EU RoHS Indicator		• Class II, Divisions 1 & 2, Groups E, F, G
Nema Rating		• Class III, Divisions 1 & 2
UL File Number		Contact Manufacturer
CSA File Number		3, 4, 4X, 7(B, C, D), 9(E, F, G)
Buy America(n) Qualified		E83969
		LR11714
		Contact Manufacturer
Conductor		
Number Of Wires		3
Number Of Poles		2
Current		
Primary Voltage		600 VAC/250 VDC
Amperage Rating		80 A
Frequency Rating		60 Hz
Dimensions		
Depth		9.125 in
Width		11 in
Weight		46 lb.
Height		18 in
General		
Type		Circuit Breaker Enclosure
Enclosure Type		Bolted
Series		B7C Series
Material		Aluminum, Copper Free (less than 4/10 of 1%)
Finish Type		Lacquer
UPC		783936098609
Color		Aluminum
Mounting Type		Wall
Operational		
Operating Temperature Celcius		40 Degree
Max		
Action		DP
Actuator		Molded Case Circuit Breaker Operator

Product Assets

- Catalog [English]
 - Catalog Page [English]
 - Installation Manual [English]
 - Installation Manual [English]
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