



B7CA-SFAL-42100 - Circuit Breaker, Square D, 100A, FAL4, 2 Pole 480V

By Killark
Catalog # B7CA-SFAL-42100

Circuit Breaker, Square D, 100A, FAL4, 2 Pole 480V



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

- Hazardous Rating(s)
- Class I, Divisions 1 & 2, Groups B, C, D
 - Class I, Zones 1 & 2, Groups IIB+H2, IIA

EU RoHS Indicator
Nema Rating
UL File Number
CSA File Number
Buy America(n) Qualified

- Class II, Divisions 1 & 2, Groups E, F, G
 - Class III, Divisions 1 & 2
- Contact Manufacturer
3, 4, 4X, 7(B, C, D), 9(E, F, G)
E83969
LR11714
Contact Manufacturer

Conductor

Number Of Wires 3
Number Of Poles 2

Current

Primary Voltage 480 VAC/250 VDC
Amperage Rating 100 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 783936097022
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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