



ECB Enclosed Circuit Breakers

ECB Enclosed Circuit Breakers, offered by Spike Electric Controls, are cutting-edge electrical components designed to provide reliable and efficient circuit protection for a wide range of applications. With their robust construction and advanced features, these circuit breakers ensure the safety and integrity of electrical systems, making them an essential choice for professionals seeking top-quality protection solutions. Discover the exceptional performance and durability of ECB Enclosed Circuit Breakers by Spike Electric Controls today.



ECB

Enclosed Circuit Breakers

EATON

BY **SPiKE** ELECTRIC CONTROLS



position. Circuit breakers through 3000A are listed by Underwriters Laboratories as suitable for service entrance application.

NEMA 4/4X, 5 Water and Dustproof

Stainless Steel - Type 304 Surface Mounting 15-3000A, 600 Vac, 500 Vdc - This enclosure meets NEMA 4/4X and 5 requirements for water and dustproof applications and has no knockouts or other openings. It is particularly well suited for use in dairies, borax mines, breweries, paper mills and other process industries. The operating handle can be padlocked in the OFF position and is interlocked to prevent the door from opening when the breaker is ON. Circuit breakers through 3000A are Underwriters Laboratories listed as suitable for service entrance application.



NEMA 12 Dustproof Surface Mounting

No Knockouts or Other Openings 15-3000A, 600 Vac, 500 Vdc The Type 12 enclosure is designed in line with specifications for special industry application where unusually severe conditions involving oil, coolant, dust and other foreign materials exist in the operating atmosphere. The handle padlocks in the OFF position and the cover is interlocked with the handle mechanism to prevent opening the cover with the circuit breaker in the ON position. Circuit breakers through 3000A are UL listed as suitable for service entrance application. A NEMA 12 semi-dust-tight design that includes knockouts is available. These units are rated 15-400A Vac, 500 Vdc.

Non Metallic N4X

High impact strength fiberglass reinforced polyester material having excellent corrosion resistance and stability to heat. Unitized, strong and durable enclosure construction provides longer service life for equipment. Enclosure has hinged access door which opens 160° for easy wiring and maintenance. Three screws for door frame are hidden behind access door. Access door may be padlocked to prevent unauthorized access.

Features, Benefits and Functions:

- Pad lockable in the OFF position
- Flange style are equipped with a 3 Point latching system for easy entry
- Interlocked handle on NEMA 3R, 4/4X, 5 and 12 enclosures to prevent opening when the breaker is in the ON position
- Interchangeable hubs
- Numerous factory options

Product Description:

- 15-1200A
- Enclosed device used to open and close a circuit

Application Description:

NEMA 1

General Purpose

Surface or Flush Mounting 15-1200A, 600 Vac, 500 Vdc

NEMA 1 enclosed breakers are designed for indoor use in commercial buildings, apartment buildings and other areas where a general purpose enclosure is applicable. The breaker is front operable and is capable of being padlocked in the OFF position. Circuit breakers through 3000A are listed with Underwriters Laboratories as suitable for service entrance application. Both surface and flush mounted enclosures are available.

NEMA 3R Rainproof Surface Mounting 1

Interchangeable Hubs (through 400A) 15-3000A, 600 Vac, 500 Vdc - This general purpose outdoor service center employs a circuit breaker inside a weatherproof sheet steel enclosure to serve as a main disconnect and protective device for feeder circuits. The breaker is front operable and is capable of being padlocked in the OFF



* Unless otherwise noted, this product(s) does not include UL Listing and is only built to the standards. UL Listing can be provided as an adder if requested. UL Listing either must be applied at the factory by Spike or by Spike and UL representative in the field



Catalog Number System

ECB 15 S784 WT 3,2 65 LSI S784 SER

ECB

Ampacity

- 15
- 20
- 25
- 30
- 35
- 40
- 45
- 50
- 60
- 70
- 80
- 90
- 100
- 125
- 150
- 175
- 200
- 225
- 250
- 300
- 350
- 400
- 500
- 600
- 700
- 800
- 900
- 1000
- 1200
- 1600
- 2000
- 2500
- 3000

15

Brand

- Cutler-Hammer
- Square D

Suffix

- WT
- D

3,2

Wiring System

- 1 - Single phase
- 3 - 3 Phase

Breaker Voltage

- 2 - 240V
- 4 - 480V
- 6 - 600V

65

KAIC

- 14
- 22
- 35
- 65
- 100

Optional Trip Unit Type

- LS
- LSI
- LSIG

LSI

S784

SER

Service Entrance Rated

- SER Service Entrance Labeled
- NSER Non-Service Entrance Rated

Enclosure Modifications & Accessories

Cat #

Neutral	N
Pilot light, 120VAC, red jewel, w/on indicating plate	J1
Pilot light, 120VAC, green jewel, w/off indicating plate	J3
Under voltage release on circuit breaker	UV
Ambient compensated circuit breaker trip setting	AC
Auxiliary switch on circuit breaker 1A and 1B contacts	S784
Auxiliary switch on circuit breaker 2A and 2B contacts	S785
Shunt trip on circuit breaker	S87
Bell alarm on circuit breaker	S88
100kAIC rated circuit breaker in lieu of 65kAIC rated circuit breaker	S19
Space heater, 120 volt, 25 watts	R11
Std. breather & drain N4X	S756V
Viewing window	VW
Transparent clear door (non metallic only)	CD
Welding receptacle	WR

Description

Cat #

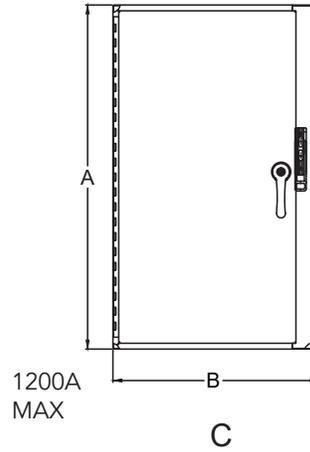
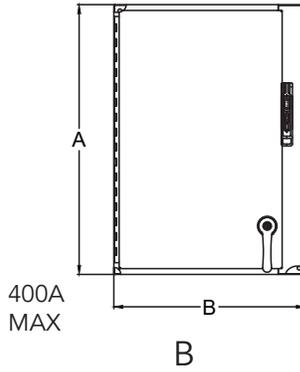
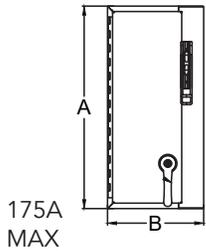
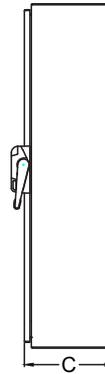
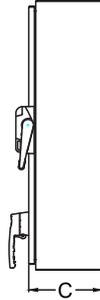
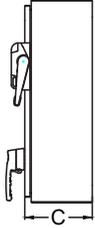
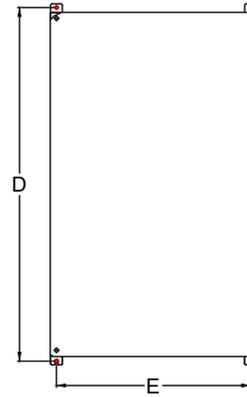
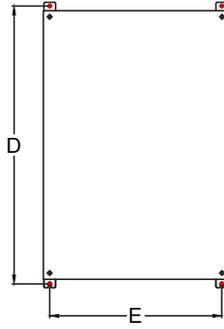
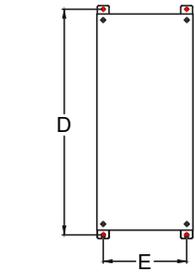
Enclosed Circuit Breaker N4X 304 SS Rotary	ECBX4SSC
Enclosed Circuit Breaker N4X 316 SS Flanged	ECBX6SSCF
Enclosed Circuit Breaker N4X Non-Metallic Rotary	ECBXNMC
Enclosed Circuit Breaker N4X Non-Metallic Flanged	ECBXNMCF
Enclosed Circuit Breaker N4 Carbon Rotary	ECBC
Enclosed Circuit Breaker N4 Carbon Flanged	ECBCF
Enclosed Circuit Breaker General Purpose Nema 1 Rotary	ECB1C
Enclosed Circuit Breaker General Purpose Nema 1 Flanged	ECB1CF





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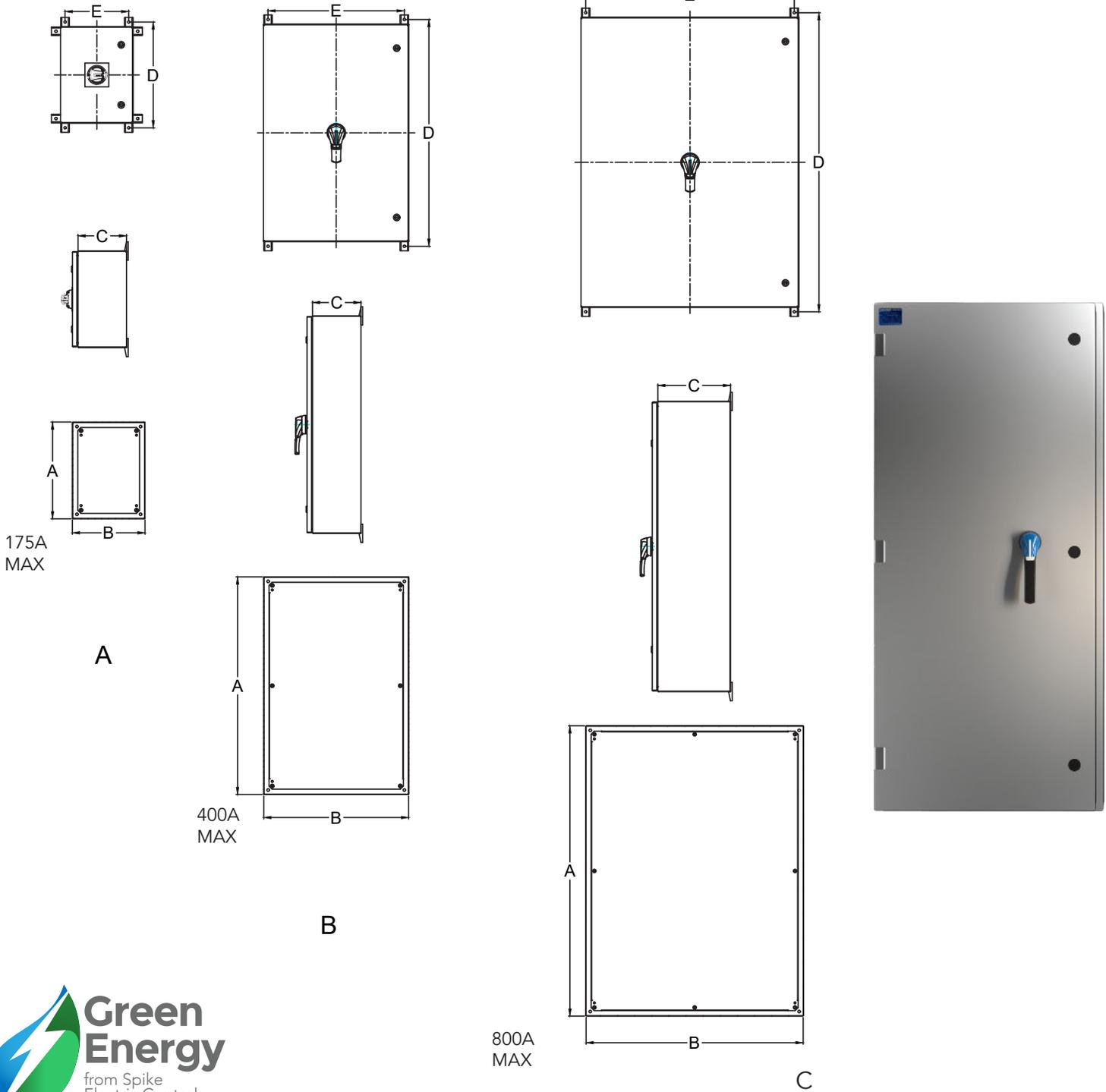


Nominal Dimensions in Inches					
Fig	A	B	C	D	E
A	28.98	12.875	9	30.24	11.3
B	36	24.75	9	37.26	23.12
C	45	26	10.68	47.26	24.426



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Green Energy Efficient: ECB Enclosed Circuit Breakers by Spike Electric Controls promote green energy efficiency by minimizing energy loss, enhancing operational efficiency, and ensuring electrical safety. With their longevity and compliance with energy standards, they reduce environmental impact and support sustainability, making them an ideal choice for eco-conscious applications.

Nominal Dimensions in Inches

Fig	A	B	C	D	E
A	16	12	8	17.5	10.516
B	36	24	8	37.5	22.516
C	48	36	12	49.469	24.442