



# Enclosed Circuit Breakers ECB

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## ECB

### Enclosed Circuit Breakers

#### 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 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

Cast Aluminum, Explosion-proof Surface Mounting 15– 3000A, 600 Vac, 250 Vdc - Hazardous location, Type 7: Class I, Groups B, C, D; Type 9: Class II, Groups E, F, G. This special service cast aluminum enclosure is supplied with a wide, machined flanged cover to prevent igniting outside atmospheres by arcing from inside the enclosure. Front operable, the handle padlocks in the OFF position. Enclosures rated 600A and above have lift-off hinges for ease of assembly.

#### Features, Benefits and Functions

- Padlockable 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



# EXAMPLE PART NUMBER

ECB 15 S784 WT 3,2 65 LSI

Description	CAT #	WIRING SYSTEM	KAIC	OPTIONAL TRIP UNIT TYPE
Enclosed Circuit Breaker N4X 316 SS Rotary	ECBX6SSC	3 - 3 Phase	14	LS
Enclosed Circuit Breaker N4X 316 SS Flanged	ECBX6SSCF	1 - Single phase	22	LSI
Enclosed Circuit Breaker N4X Non-Metallic Rotary	ECBXNMC	BREAKER VOLTAGE	35	LSIG
Enclosed Circuit Breaker N4X Non-Metallic Flanged	ECBXNMCF		65	
Enclosed Circuit Breaker N4 Carbon Rotary	ECBC		100	
Enclosed Circuit Breaker N4 Carbon Flanged	ECBCF			
Enclosed Circuit Breaker General Purpose Nema 1 Rotary	ECB1C	2 - 240V		
Enclosed Circuit Breaker General Purpose Nema 1 Flanged	ECB1CF	4 - 480V		
		6 - 600V		



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BRAND	SUFIX
Cutler-Hammer	WT
Square D	D
General Electric	G
LG/LS Economical \ 2 yr warranty	LS
WEG	WG
Siemens	SI
ABB	ABB

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. drain N4X	S756
Std. breather & drain N4X	S756V
External epoxy finish	S752
Internal and external epoxy finish	S753
Viewing Window	VW
Transpearant clear door (Non Metallic only)	CD

