



EDB-EPD
1-pole
with Alarm Switch



EDB, EGB, EJB
3-pole
15-125 A



EDB, EGB, EJB
1-pole
15-70 A



EDB, EGB, EJB
2-pole
15-125 A

Table 9.56: E-frame—125 A, Thermal-magnetic (480Y/277 Vac)

Ampere Rating	ED, EG, EJ (480Y/277 Vac)		"D" Interrupting Level 18 kA @ 480Y/277 Vac		"G" Interrupting Level 35 kA @ 480Y/277 Vac		"J" Interrupting Level 65 kA @ 480Y/277 Vac		Terminal Wire Range
	Hold	Trip	Catalog Number	\$ Price	Catalog Number	\$ Price	Catalog Number	\$ Price	
1-pole, 277 Vac									
15 A	270	875	EDB14015■		EGB14015■		EJB14015■		AL30FD #14-#6 Al or Cu
20 A			EDB14020▲		EGB14020▲		EJB14020▲		
25 A			EDB14025■		EGB14025■		EJB14025■		
30 A			EDB14030■		EGB14030■		EJB14030■		
35 A			EDB14035■		EGB14035■		EJB14035■		
40 A	630	1800	EDB14040■		EGB14040■		EJB14040■		AL100FD #14-2/0 Al or Cu
45 A			EDB14045■		EGB14045■		EJB14045■		
50 A			EDB14050■		EGB14050■		EJB14050■		
60 A			EDB14060■		EGB14060■		EJB14060■		
70 A			EDB14070■		EGB14070■		EJB14070■		
2-pole, 480Y/277 Vac ♦									
15 A	270	875	EDB24015■		EGB24015■		EJB24015■		AL30FD #14-#6 Al or Cu
20 A			EDB24020■		EGB24020■		EJB24020■		
25 A			EDB24025■		EGB24025■		EJB24025■		
30 A			EDB24030■		EGB24030■		EJB24030■		
35 A			EDB24035■		EGB24035■		EJB24035■		
40 A	630	1800	EDB24040■		EGB24040■		EJB24040■		AL100FD #14-2/0 Al or Cu
45 A			EDB24045■		EGB24045■		EJB24045■		
50 A			EDB24050■		EGB24050■		EJB24050■		
60 A			EDB24060■		EGB24060■		EJB24060■		
70 A			EDB24070■		EGB24070■		EJB24070■		
80 A	1000	2300	EDB24080■		EGB24080■		EJB24080■		AL100FD #14-2/0 Al or Cu
90 A			EDB24090■		EGB24090■		EJB24090■		
100 A			EDB24100■		EGB24100■		EJB24100■		
110 A			EDB24110■		EGB24110■		EJB24110■		
125 A			EDB24125■		EGB24125■		EJB24125■		
3-pole, 480Y/277 Vac									
15 A	270	875	EDB34015■		EGB34015■		EJB34015■		AL30FD #14-#6 Al or Cu
20 A			EDB34020■		EGB34020■		EJB34020■		
25 A			EDB34025■		EGB34025■		EJB34025■		
30 A			EDB34030■		EGB34030■		EJB34030■		
35 A			EDB34035■		EGB34035■		EJB34035■		
40 A	630	1800	EDB34040■		EGB34040■		EJB34040■		AL100FD #14-2/0 Al or Cu
45 A			EDB34045■		EGB34045■		EJB34045■		
50 A			EDB34050■		EGB34050■		EJB34050■		
60 A			EDB34060■		EGB34060■		EJB34060■		
70 A			EDB34070■		EGB34070■		EJB34070■		
80 A	1000	2300	EDB34080■		EGB34080■		EJB34080■		AL100FD #14-2/0 Al or Cu
90 A			EDB34090■		EGB34090■		EJB34090■		
100 A			EDB34100■		EGB34100■		EJB34100■		
110 A			EDB34110■		EGB34110■		EJB34110■		
125 A			EDB34125■		EGB34125■		EJB34125■		

EPDs (Equipment Protection Devices), 1-pole, 277 Vac, Thermal-magnetic with 30 mA ground-fault protection*

Ampere Rating	Hold	Trip	EDB14015EPD▲■	EGB14015EPD▲■	EJB14015EPD▲■	Terminal Wire Range
15 A	270	875	EDB14015EPD▲■	EGB14015EPD▲■	EJB14015EPD▲■	#14-#6 Cu or #12-#4 Al
20 A			EDB14020EPD▲■	EGB14020EPD▲■	EJB14020EPD▲■	
30 A			EDB14030EPD▲■	EGB14030EPD▲■	EJB14030EPD▲■	
40 A	630	1800	EDB14040EPD▲■	EGB14040EPD▲■	EJB14040EPD▲■	AL100FD #14-2/0 Al or Cu
45 A			EDB14045EPD▲■	EGB14045EPD▲■	EJB14045EPD▲■	
50 A			EDB14050EPD▲■	EGB14050EPD▲■	EJB14050EPD▲■	

Note: All EDB, EGB, and EJB circuit breakers are UL Listed as HACR Type. For 50 °C calibration, use a CA suffix. NF branch circuit breakers are fungus proof as standard.

- ▲ UL Listed as SWD (Switching duty rated).
- UL Listed as HID (High Intensity Discharge rated).
- ♦ UL Listed for use on 240 V Corner-grounded Delta Systems (Grounded B Phase). See data bulletin 2700DB0202.
- * All EPDs occupy two spaces, with or without Alarm Switch option. For alarm switch, add 158 list Price and the suffix BA.

Table 9.57: Factory installed Electrical Accessories

Auxiliary Switch (1A/1B)	Alarm Switch (NO)	Coil Burden Max. (VA)	Minimum Recommended Supply Transformer (VA)
Monitors circuit breaker contact status and provides a remote signal indicating the circuit breaker contacts are OPEN or CLOSED. Application Max Load = 10 A @ 120 Vac 50/60 Hz Terminals for #14 AWG Cu wire	Used with control circuits and is actuated only when the circuit breaker has tripped. Application Max Load = 7 A @ 120 Vac 50/60 Hz Terminals for #14 AWG Cu wire.	288	50
Shunt Trip—Trips the circuit breaker from a remote location by means of a coil energized from a separate circuit. A 120 V shunt trip will operate at 55% or more of rated voltage. Application For use with momentary or maintained push button. 120 Vac 50/60 Hz Terminals for #14 AWG Cu wire.			

Table 9.58: Factory Installed Electrical Accessory Packages for ED, EG, EJ Circuit Breakers

Accessory Package	Suffix	\$ Price
Auxiliary Switch/Alarm Switch Package▼△	AABA	
Shunt Trip Package▼△	SA	
Auxiliary Switch/Alarm Switch/Shunt Trip Package▼△	AABASA	
Alarm Switch (N.O.) Package for EPDs only	BA	

- ▼ Accessory package takes an additional pole space.
- △ Not available for EPD.

Table 9.59: Terminal Nut Insert Kit

Circuit Breaker Type	Qty. per Kit	Catalog No.	\$ Price
ED, EG, EJ	3	TKFD	

Table 9.60: Handle Accessories

Circuit Breaker Type	No. of Poles	Catalog No.	\$ Price
EXB Fixed Padlock Attachment, Lock ON/OFF			
ED, EG, EJ	1, 2, or 3	EDPA	
EXB Fixed padlock attachment, Lock OFF only			
ED, EG, EJ	1, 2, or 3	EDPAF	
EXB Removable padlock attachment, Lock OFF only			
ED, EG, EJ	1, 2, or 3	HPAFD	
EXB Handle Ties			
ED, EG, EJ	Ties 2-1P	ECB2HT	
	Ties 3-1P	ECB3HT	

Table 9.61: Interrupt Ratings (kA)

	EDB	EGB	EJB
120 V	25	65	100
240 V	18 (1P), 25	35 (1P), 65	65 (1P), 100
480Y/277 V	18	35	65

Table 9.62: Mechanical Lug Kit Information (Al lugs for use with Al or Cu wire)

Standard	Circuit Breaker Application		Number of Wires Per Lug and Wire Range	Catalog Number	Lugs Per Kit	\$ price Per Kit
	Ampere Rating	Optional				
EDB, EGB, EJB	15-30 A	—	one #12-#6 AWG Al or one #14-#6 AWG Cu	AL30FD	3	
	35-125 A	EDB, EGB, EJB	one #12-2/0 AWG Al or one #14-2/0 AWG Cu	AL100FD	3	
—	—	EDB, EGB, EJB	one #14-1/0 AWG Cu	CU100FD	3	

□ Factory installed only. Use suffix "LH"