

Table 9.55: 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	270	875	EDB14015	150.	EGB14015	255.	EJB14015	408.	AL30FD #14-#6 Al or Cu
20			EDB14020		EGB14020		EJB14020		
25			EDB14025		EGB14025		EJB14025		
30			EDB14030		EGB14030		EJB14030		
35	630	1800	EDB14035	150.	EGB14035	225.	EJB14035	408.	AL100FD #14-2/0 Al or Cu
40			EDB14040		EGB14040		EJB14040		
45			EDB14045		EGB14045		EJB14045		
50			EDB14050		EGB14050		EJB14050		
60			EDB14060		EGB14060		EJB14060		
70			EDB14070		EGB14070		EJB14070		
2-pole, 480Y/277 Vac									
15	270	875	EDB24015	536.	EGB24015	776.	EJB24015	1241.	AL30FD #14-#6 Al or Cu
20			EDB24020		EGB24020		EJB24020		
25			EDB24025		EGB24025		EJB24025		
30			EDB24030		EGB24030		EJB24030		
35	630	1800	EDB24035	536.	EGB24035	776.	EJB24035	1241.	AL100FD #14-2/0 Al or Cu
40			EDB24040		EGB24040		EJB24040		
45			EDB24045		EGB24045		EJB24045		
50			EDB24050		EGB24050		EJB24050		
60			EDB24060		EGB24060		EJB24060		
70			EDB24070		EGB24070		EJB24070		
80	1000	2300	EDB24080	756.	EGB24080	1280.	EJB24080	2048.	AL100FD #14-2/0 Al or Cu
90			EDB24090		EGB24090		EJB24090		
100			EDB24100		EGB24100		EJB24100		
110			EDB24110		EGB24110		EJB24110		
125	EDB24125	EGB24125	EJB24125	1946.	2586.	3879.			
3-pole, 480Y/277 Vac									
15	270	875	EDB34015	669.	EGB34015	1131.	EJB34015	1358.	AL30FD #14-#6 Al or Cu
20			EDB34020		EGB34020		EJB34020		
25			EDB34025		EGB34025		EJB34025		
30			EDB34030		EGB34030		EJB34030		
35	630	1800	EDB34035	669.	EGB34035	1131.	EJB34035	1358.	AL100FD #14-2/0 Al or Cu
40			EDB34040		EGB34040		EJB34040		
45			EDB34045		EGB34045		EJB34045		
50			EDB34050		EGB34050		EJB34050		
60			EDB34060		EGB34060		EJB34060		
70			EDB34070		EGB34070		EJB34070		
80	1000	2300	EDB34080	911.	EGB34080	1292.	EJB34080	2562.	AL100FD #14-2/0 Al or Cu
90			EDB34090		EGB34090		EJB34090		
100			EDB34100		EGB34100		EJB34100		
110			EDB34110		EGB34110		EJB34110		
125	EDB34125	EGB34125	EJB34125	2421.	3216.	4826.			

EDB-EPD
1-pole
with Alarm Switch



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



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

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

Ampere Rating	Hold	Trip	Catalog Number	\$ Price	Catalog Number	\$ Price	Catalog Number	\$ Price	Terminal Wire Range
15	270	875	EDB14015EPD	1151.	EGB14015EPD	1256.	EJB14015EPD	1409.	#14-#6 Cu or #12-#4 Al
20			EDB14020EPD		EGB14020EPD		EJB14020EPD		
30			EDB14030EPD		EGB14030EPD		EJB14030EPD		
40			EDB14040EPD		EGB14040EPD		EJB14040EPD		
50	630	1800	EDB14050EPD	1151.	EGB14050EPD	1256.	EJB14050EPD	1409.	#14-#6 Cu or #12-#4 Al
60			EDB14060EPD		EGB14060EPD		EJB14060EPD		
70			EDB14070EPD		EGB14070EPD		EJB14070EPD		
80			EDB14080EPD		EGB14080EPD		EJB14080EPD		

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: 2700DB0202.
- ★ All EPDs occupy two spaces, with or without Alarm Switch option. For alarm switch add 158 list Price and the suffix BA.

Table 9.56: Factory installed Electrical Accessories

Auxiliary Switch (1A/1B)	Alarm Switch (NO)	Coil Burden Max. (VA)	Minimum Recommended Supply Transformer (VA)
		288	50
Monitors circuit breaker contact status and provides a remote signal indicating the circuit breaker contacts are OPEN or CLOSED.	Used with control circuits and is actuated only when the circuit breaker has tripped.	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 Max Load = 10 A @ 120 Vac 50/60 Hz Terminals for #14 AWG Cu wire	APPLICATION Max Load = 7 A @ 120 Vac 50/60 Hz Terminals for #14 AWG Cu wire.	APPLICATION For use with momentary or maintained push button. 120 Vac 50/60 Hz Terminals for #14 AWG Cu wire.	

Table 9.57: Factory Installed Electrical Accessory Packages for ED, EG, EJ Circuit Breakers

Accessory Package	Suffix	\$ Price
Auxiliary Switch/Alarm Switch Package▲■	AABA	312.
Shunt Trip Package▲■	SA	755.
Auxiliary Switch/Alarm	AABASA	1067.
Alarm Switch (N.O.) Package for EPDs only	BA	237.

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

Table 9.58: Terminal Nut Insert Kit

Circuit Breaker Type	Qty. per Kit	Catalog No.	\$ Price
ED, EG, EJ	3	TIKFD	17.40

Table 9.59: 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	39.00
EXB Fixed padlock attachment, Lock OFF only			
ED, EG, EJ	1, 2, or 3	EDPAF	45.00
EXB Removable padlock attachment, Lock OFF only			
ED, EG, EJ	1, 2, or 3	HPAFD	25.50

Table 9.60: 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 9.61: 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	—	one #12-#6 AWG Al or one #14-#6 AWG Cu	AL30FD	3	41.30
	35-125	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"

Optional Lugspages starting on 7-38

Dimensionspages starting on 7-53