

For NF Merchandised Panelboards

Table 9.49: 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	Catalog Number	Catalog Number	
1-pole, 277 Vac						
15 A	270	875	EDB14015[1][2]	EGB14015[1][2]	EJB14015[1][2]	AL30FD #14-#6 Al or Cu
20 A			EDB14020[1][2]	EGB14020[1][2]	EJB14020[1][2]	
25 A			EDB14025[2]	EGB14025[2]	EJB14025[2]	
30 A			EDB14030[2]	EGB14030[2]	EJB14030[2]	
35 A			EDB14035[2]	EGB14035[2]	EJB14035[2]	
40 A	630	1800	EDB14040[2]	EGB14040[2]	EJB14040[2]	AL100FD #14-2/0 Al or Cu
45 A			EDB14045[2]	EGB14045[2]	EJB14045[2]	
50 A			EDB14050[2]	EGB14050[2]	EJB14050[2]	
60 A			EDB14060	EGB14060	EJB14060	
70 A			EDB14070	EGB14070	EJB14070	
2-pole, 480Y/277 Vac [3]						
15 A	270	875	EDB24015[2]	EGB24015[2]	EJB24015[2]	AL30FD #14-#6 Al or Cu
20 A			EDB24020[2]	EGB24020[2]	EJB24020[2]	
25 A			EDB24025[2]	EGB24025[2]	EJB24025[2]	
30 A			EDB24030[2]	EGB24030[2]	EJB24030[2]	
35 A			EDB24035[2]	EGB24035[2]	EJB24035[2]	
40 A	630	1800	EDB24040[2]	EGB24040[2]	EJB24040[2]	AL100FD #14-2/0 Al or Cu
45 A			EDB24045[2]	EGB24045[2]	EJB24045[2]	
50 A			EDB24050[2]	EGB24050[2]	EJB24050[2]	
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[2]	EGB34015[2]	EJB34015[2]	AL30FD #14-#6 Al or Cu
20 A			EDB34020[2]	EGB34020[2]	EJB34020[2]	
25 A			EDB34025[2]	EGB34025[2]	EJB34025[2]	
30 A			EDB34030[2]	EGB34030[2]	EJB34030[2]	
35 A			EDB34035[2]	EGB34035[2]	EJB34035[2]	
40 A	630	1800	EDB34040[2]	EGB34040[2]	EJB34040[2]	AL100FD #14-2/0 Al or Cu
45 A			EDB34045[2]	EGB34045[2]	EJB34045[2]	
50 A			EDB34050[2]	EGB34050[2]	EJB34050[2]	
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[4]						
15 A	270	875	EDB14015EPD[1] [2]	EGB14015EPD[1] [2]	EJB14015EPD[1] [2]	#14-#6 Cu or #12-#4 Al
20 A			EDB14020EPD[1] [2]	EGB14020EPD[1] [2]	EJB14020EPD[1] [2]	
30 A			EDB14030EPD[2]	EGB14030EPD[2]	EJB14030EPD[2]	
40 A			EDB14040EPD[2]	EGB14040EPD[2]	EJB14040EPD[2]	
50 A			EDB14050EPD[2]	EGB14050EPD[2]	EJB14050EPD[2]	

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.

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