

NF Panelboards – Ready to Install (RTI)

Branch Circuit Breakers



EDB, EGB, EJB
1-pole
15–70 Amperes



EDB, EGB, EJB
2-pole
15–100 Amperes



EDB, EGB, EJB
3-pole
15–100 Amperes

E-frame— 100 A, Thermal-magnetic (600Y/347 Vac)

Cont. Current Rating @ 40°C	AC Magnetic Trip Settings		"D" Interrupting Level 14 kA @ 600Y/347 Vac	"G" Interrupting Level 18 kA @ 600Y/347 Vac	"J" Interrupting Level 25 kA @ 600Y/347 Vac	Standard Lug Wire Range	
	Hold	Trip	Catalogue Number	Catalogue Number	Catalogue Number		
1-pole, 347 Vac							
15	270	875	EDB16015▲■	EGB16015■	EJB16015▲■	#12–#6 AWG Al or #14–#6 AWG Cu	
20	270	875	EDB16020▲■	EGB16020■	EJB16020▲■		
25	270	875	EDB16025■	EGB16025■	EJB16025■		
30	270	875	EDB16030■	EGB16030■	EJB16030■		
35	630	1800	EDB16035	EGB16035	EJB16035	#12–#2/0 AWG Al or #14–#2/0 AWG Cu	
40	630	1800	EDB16040	EGB16040	EJB16040		
45	630	1800	EDB16045	EGB16045	EJB16045		
50	630	1800	EDB16050	EGB16050	EJB16050		
60	630	1800	EDB16060	EGB16060	EJB16060		
60	630	1800	EDB16070	EGB16070	EJB16070		
70	630	1800	EDB16070	EGB16070	EJB16070		
2-pole, 600Y/347 Vac ♦							
15	270	875	EDB26015■	EGB26015■	EJB26015■	#12–#6 AWG Al or #14–#6 AWG Cu	
20	270	875	EDB26020■	EGB26020■	EJB26020■		
25	270	875	EDB26025■	EGB26025■	EJB26025■		
30	270	875	EDB26030■	EGB26030■	EJB26030■		
35	630	1800	EDB26035	EGB26035	EJB26035	#12–#2/0 AWG Al or #14–#2/0 AWG Cu	
40	630	1800	EDB26040	EGB26040	EJB26040		
45	630	1800	EDB26045	EGB26045	EJB26045		
50	630	1800	EDB26050	EGB26050	EJB26050		
60	630	1800	EDB26060	EGB26060	EJB26060		
70	630	1800	EDB26070	EGB26070	EJB26070		
80	1000	2300	EDB26080	EGB26080	EJB26080		
90	1000	2300	EDB26090	EGB26090	EJB26090		
100	1000	2300	EDB26100	EGB26100	EJB26100		
3-pole, 600Y/347 Vac							
15	270	875	EDB36015■	EGB36015■	EJB36015■		#12–#6 AWG Al or #14–#6 AWG Cu
20	270	875	EDB36020■	EGB36020■	EJB36020■		
25	270	875	EDB36025■	EGB36025■	EJB36025■		
30	270	875	EDB36030■	EGB36030■	EJB36030■		
35	630	1800	EDB36035	EGB36035	EJB36035	#12–#2/0 AWG Al or #14–#2/0 AWG Cu	
40	630	1800	EDB36040	EGB36040	EJB36040		
45	630	1800	EDB36045	EGB36045	EJB36045		
50	630	1800	EDB36050	EGB36050	EJB36050		
60	630	1800	EDB36060	EGB36060	EJB36060		
70	630	1800	EDB36070	EGB36070	EJB36070		
80	1000	2300	EDB36080	EGB36080	EJB36080		
90	1000	2300	EDB36090	EGB36090	EJB36090		
100	1000	2300	EDB36100	EGB36100	EJB36100		

All EDB, EGB, and EJB circuit breakers are cUL Listed as HACR Type.
 ▲ cUL Listed as SWD (Switching duty rated).
 ■ cUL Listed as HID (High Intensity Discharge rated).
 ♦ cUL Listed for use on 240 V Corner-grounded Delta Systems (Grounded B Phase).

Interrupting 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
600Y/347 V	14	18	25

Branch Circuit Breaker Interrupting Capacity

Circuit Breaker Frame Type	No. of Poles	Continuous Ampere Rating	UL Listed Interrupting Rating-RMS Symmetrical Amperes						
			AC Volts, 50/60 Hz						
			120	120/240	240	277	480Y/347	600Y/347	347
EDB	1	15-70 A	25 k	25 k	18 k	18 k	-	-	14 k
	2, 3	15-125 A▲	25 k	25 k	25 k	-	18 k	14 k	-
EGB	1	15-70 A	65 k	65 k	35 k	35 k	-	-	18 k
	2, 3	15-125 A▲	65 k	65 k	65 k	-	35 k	18 k	-
EJB	1	15-70 A	100 k	100 k	65 k	65 k	-	-	25 k
	2, 3	15-125 A▲	100 k	100 k	100 k	-	65 k	25 k	-

▲ 100 A maximum at 600Y/347 Vac

Factory installed Electrical Accessories

Accessory Package [1][2]	Description	Suffix
Auxiliary Switch (1A/1B) [3]	Monitors circuit breaker contact status and provides a remote signal indicating the circuit breaker contacts are OPEN or CLOSED. Max Load = 10 A at 120 Vac 50/60 Hz Terminals for #14 AWG Cu wire.	AABA
Alarm Switch (NO) [3]	Used with control circuits and is activated only when the circuit breaker has tripped. Max Load = 7 A at 120 Vac 50/60 Hz Terminals for #14 AWG Cu wire.	
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. For use with momentary or maintained push button. 120 Vac 50/60 Hz Terminals for #14 AWG Cu wire.	SA
Auxiliary Switch + Alarm Switch + Shunt trip		AABASA

[1] Accessory package takes an additional pole space.
 [2] Coil Burden: 288 VA max. Recommended supply transformer: 50 VA min.
 [3] We do not offer an auxiliary contact for these breakers without an alarm switch.