

## 3-Pole Record Plus® FB 100 Breakers IC @ 600/347 Vac

Rated Current (A)	35kA Product No.	List Price GO-135H	65kA Product No.	List Price GO-135H	100kA Product No.	List Price GO-135H	150kA Product No.	List Price GO-135H	Connection
15	FBV36TE015R	\$769.00	FBN36TE015R	\$850.00	FBH36TE015R	\$1286.00	FBL36TE015R	\$1742.00	No Lugs
	FBV36TE015R2	\$778.00	FBN36TE015R2	\$859.00	FBH36TE015R2	\$1295.00	FBL36TE015R2	\$1751.00	Load Lugs Only
	FBV36TE015RV	\$787.00	FBN36TE015RV	\$868.00	FBH36TE015RV	\$1304.00	FBL36TE015RV	\$1760.00	Load Lugs and Panel Connections
20	FBV36TE020R	\$769.00	FBN36TE020R	\$850.00	FBH36TE020R	\$1286.00	FBL36TE020R	\$1742.00	No Lugs
	FBV36TE020R2	\$778.00	FBN36TE020R2	\$859.00	FBH36TE020R2	\$1295.00	FBL36TE020R2	\$1751.00	Load Lugs Only
	FBV36TE020RV	\$787.00	FBN36TE020RV	\$868.00	FBH36TE020RV	\$1304.00	FBL36TE020RV	\$1760.00	Load Lugs and Panel Connections
25	FBV36TE025R	\$769.00	FBN36TE025R	\$850.00	FBH36TE025R	\$1286.00	FBL36TE025R	\$1742.00	No Lugs
	FBV36TE025R2	\$778.00	FBN36TE025R2	\$859.00	FBH36TE025R2	\$1295.00	FBL36TE025R2	\$1751.00	Load Lugs Only
	FBV36TE025RV	\$787.00	FBN36TE025RV	\$868.00	FBH36TE025RV	\$1304.00	FBL36TE025RV	\$1760.00	Load Lugs and Panel Connections
30	FBV36TE030R	\$769.00	FBN36TE030R	\$850.00	FBH36TE030R	\$1286.00	FBL36TE030R	\$1742.00	No Lugs
	FBV36TE030R2	\$778.00	FBN36TE030R2	\$859.00	FBH36TE030R2	\$1295.00	FBL36TE030R2	\$1751.00	Load Lugs Only
	FBV36TE030RV	\$787.00	FBN36TE030RV	\$868.00	FBH36TE030RV	\$1304.00	FBL36TE030RV	\$1760.00	Load Lugs and Panel Connections
35	FBV36TE035R	\$769.00	FBN36TE035R	\$850.00	FBH36TE035R	\$1286.00	FBL36TE035R	\$1742.00	No Lugs
	FBV36TE035R2	\$778.00	FBN36TE035R2	\$859.00	FBH36TE035R2	\$1295.00	FBL36TE035R2	\$1751.00	Load Lugs Only
	FBV36TE035RV	\$787.00	FBN36TE035RV	\$868.00	FBH36TE035RV	\$1304.00	FBL36TE035RV	\$1760.00	Load Lugs and Panel Connections
40	FBV36TE040R	\$769.00	FBN36TE040R	\$850.00	FBH36TE040R	\$1286.00	FBL36TE040R	\$1742.00	No Lugs
	FBV36TE040R2	\$778.00	FBN36TE040R2	\$859.00	FBH36TE040R2	\$1295.00	FBL36TE040R2	\$1751.00	Load Lugs Only
	FBV36TE040RV	\$787.00	FBN36TE040RV	\$868.00	FBH36TE040RV	\$1304.00	FBL36TE040RV	\$1760.00	Load Lugs and Panel Connections
45	FBV36TE045R	\$769.00	FBN36TE045R	\$850.00	FBH36TE045R	\$1286.00	FBL36TE045R	\$1742.00	No Lugs
	FBV36TE045R2	\$778.00	FBN36TE045R2	\$859.00	FBH36TE045R2	\$1295.00	FBL36TE045R2	\$1751.00	Load Lugs Only
	FBV36TE045RV	\$787.00	FBN36TE045RV	\$868.00	FBH36TE045RV	\$1304.00	FBL36TE045RV	\$1760.00	Load Lugs and Panel Connections
50	FBV36TE050R	\$769.00	FBN36TE050R	\$850.00	FBH36TE050R	\$1286.00	FBL36TE050R	\$1742.00	No Lugs
	FBV36TE050R2	\$778.00	FBN36TE050R2	\$859.00	FBH36TE050R2	\$1295.00	FBL36TE050R2	\$1751.00	Load Lugs Only
	FBV36TE050RV	\$787.00	FBN36TE050RV	\$868.00	FBH36TE050RV	\$1304.00	FBL36TE050RV	\$1760.00	Load Lugs and Panel Connections
60	FBV36TE060R	\$769.00	FBN36TE060R	\$850.00	FBH36TE060R	\$1286.00	FBL36TE060R	\$1742.00	No Lugs
	FBV36TE060R2	\$778.00	FBN36TE060R2	\$859.00	FBH36TE060R2	\$1295.00	FBL36TE060R2	\$1751.00	Load Lugs Only
	FBV36TE060RV	\$787.00	FBN36TE060RV	\$868.00	FBH36TE060RV	\$1304.00	FBL36TE060RV	\$1760.00	Load Lugs and Panel Connections
70	FBV36TE070R	\$884.00	FBN36TE070R	\$992.00	FBH36TE070R	\$1579.00	FBL36TE070R	\$2129.00	No Lugs
	FBV36TE070R2	\$893.00	FBN36TE070R2	\$1001.00	FBH36TE070R2	\$1588.00	FBL36TE070R2	\$2138.00	Load Lugs Only
	FBV36TE070RV	\$902.00	FBN36TE070RV	\$1010.00	FBH36TE070RV	\$1597.00	FBL36TE070RV	\$2147.00	Load Lugs and Panel Connections
80	FBV36TE080R	\$884.00	FBN36TE080R	\$992.00	FBH36TE080R	\$1579.00	FBL36TE080R	\$2129.00	No Lugs
	FBV36TE080R2	\$893.00	FBN36TE080R2	\$1001.00	FBH36TE080R2	\$1588.00	FBL36TE080R2	\$2138.00	Load Lugs Only
	FBV36TE080RV	\$902.00	FBN36TE080RV	\$1010.00	FBH36TE080RV	\$1597.00	FBL36TE080RV	\$2147.00	Load Lugs and Panel Connections
90	FBV36TE090R	\$884.00	FBN36TE090R	\$992.00	FBH36TE090R	\$1579.00	FBL36TE090R	\$2129.00	No Lugs
	FBV36TE090R2	\$893.00	FBN36TE090R2	\$1001.00	FBH36TE090R2	\$1588.00	FBL36TE090R2	\$2138.00	Load Lugs Only
	FBV36TE090RV	\$902.00	FBN36TE090RV	\$1010.00	FBH36TE090RV	\$1597.00	FBL36TE090RV	\$2147.00	Load Lugs and Panel Connections
100	FBV36TE100R	\$884.00	FBN36TE100R	\$992.00	FBH36TE100R	\$1579.00	FBL36TE100R	\$2129.00	No Lugs
	FBV36TE100R2	\$893.00	FBN36TE100R2	\$1001.00	FBH36TE100R2	\$1588.00	FBL36TE100R2	\$2138.00	Load Lugs Only
	FBV36TE100RV	\$902.00	FBN36TE100RV	\$1010.00	FBH36TE100RV	\$1597.00	FBL36TE100RV	\$2147.00	Load Lugs and Panel Connections



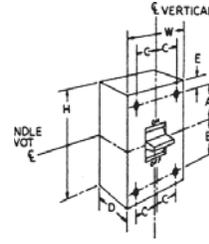
# Molded Case Circuit Breakers Industrial Circuit Breakers

Quick Reference Guide

15-600A Record Plus® Circuit Breakers

## Section 3

The interruption ratings and voltages shown in the table are maximum ratings. A circuit breaker of the type given in the left-hand column may be applied at the given circuit voltage in any electrical distribution system where the available fault current at the load terminals of the breaker does not exceed the value in the table. That circuit breaker type may also be applied at intermediate values of circuit voltage provided the available fault current at the load terminals of the breaker does not exceed the value in the table for the higher value of voltage.



FG 600

### Ratings

FC 100 Amp Frame; Current Limiting (UL File No. E-11592)

Circuit Breaker Type	Ampere Rating	No. Poles	Maximum Voltage Rating		UL Listed Interrupting Ratings - rms Symmetrical Amperes (in Thousands)					IEC Listed Interrupting Ratings, Icu, Amperes (in Thousands)				Dimensions in. (mm.)			Approx. Ship Wt./Std. Pack	
					Vac			Vdc		Vac			Vdc	H	W	D		
			AC	DC	240	480	600/347	250 (2p)	500 (3p)	220-240	400-415	500	250 (2p)					500 (3p)
FCS	15-100	2, 3	600	500	42	25	18	22	30	36	22	14	22	30	6.4 (162.6)	3.0 (76.2)	3.2 (81.3)	2.5 lb/1
FCV	15-100	2, 3	600	500	65	35	22	25	35	50	30	18	25	35	6.4 (162.6)	3.0 (76.2)	3.2 (81.3)	2.5 lb/1
FCN	15-100	2, 3	600	500	150	65	25	30	42	85	50	22	30	42	6.4 (162.6)	3.0 (76.2)	3.2 (81.3)	2.5 lb/1
FCH	15-100	2, 3	600	500	200	100	35	42	65	100	80	36	42	65	6.4 (162.6)	3.0 (76.2)	3.2 (81.3)	2.5 lb/1
FCL	15-100	2, 3	600	500	200	150	42	65	80	200	150	50	65	80	6.4 (162.6)	3.0 (76.2)	3.2 (81.3)	2.5 lb/1

FB 100 Amp Frame; Current Limiting (UL File No. E-11592)

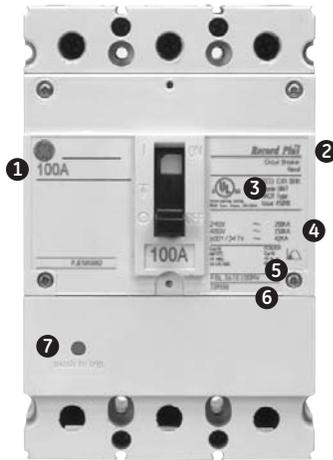
Circuit Breaker Type	Ampere Rating	No. Poles	Maximum Voltage Rating		UL Listed Interrupting Ratings - rms Symmetrical Amperes (in Thousands)					Dimensions in. (mm.)			Approx. Ship Wt./Std. Pack		
					Vac					H	W	D			
			AC	DC	240	277	347	480	600/347						
FBV	15-100	1	600/347	—	35	—	35	—	22	—	—	6.45 (163.8)	1.36 (34.5)	3.28 (83.3)	1.1 lb/1
		2	600/347	—	65	—	—	—	—	35	22	6.45 (163.8)	2.74 (69.6)	3.28 (83.3)	2.6 lb/1
		3	600/347	—	65	—	—	—	—	35	22	6.45 (163.8)	4.11 (104.4)	3.28 (83.3)	3.3 lb/1
FBN	15-100	1	600/347	—	65	—	65	—	25	—	—	6.45 (163.8)	1.36 (34.5)	3.28 (83.3)	1.1 lb/1
		2	600/347	—	150	—	—	—	—	65	25	6.45 (163.8)	2.74 (69.6)	3.28 (83.3)	2.6 lb/1
		3	600/347	—	150	—	—	—	—	65	25	6.45 (163.8)	4.11 (104.4)	3.28 (83.3)	3.3 lb/1
FBH	15-100	1	600/347	—	100	—	100	—	35	—	—	6.45 (163.8)	1.36 (34.5)	3.28 (83.3)	1.1 lb/1
		2	600/347	—	200	—	—	—	—	100	35	6.45 (163.8)	2.74 (69.6)	3.28 (83.3)	2.6 lb/1
		3	600/347	—	200	—	—	—	—	100	35	6.45 (163.8)	4.11 (104.4)	3.28 (83.3)	3.3 lb/1
FBL	15-100	1	600/347	—	100	—	100	—	42	—	—	6.45 (163.8)	1.36 (34.5)	3.28 (83.3)	1.1 lb/1
		2	600/347	—	200	—	—	—	—	150	42	6.45 (163.8)	2.74 (69.6)	3.28 (83.3)	2.6 lb/1
		3	600/347	—	200	—	—	—	—	150	42	6.45 (163.8)	4.11 (104.4)	3.28 (83.3)	3.3 lb/1

FG 600 Amp Frame; Current Limiting (UL File No. E-11592)

Circuit Breaker Type	Ampere Rating	No. Poles	Maximum Voltage Rating		UL Listed Interrupting Ratings - rms Symmetrical Amperes (in Thousands)			EN 60947-2 Interrupting Ratings, Icu, Amperes (in Thousands)			Dimensions in. (mm.)			Approx. Ship Wt./Std. Pack
					Vac			Vac			H	W	D	
			AC	DC	240	480	600	240	400-415	690				
FGN	250-600	2	600	—	150	65	25	—	—	—	10.31 (262.0)	5.46 (138.7)	4.53 (115.0)	22 lb/1
		3	600	—	150	65	25	85	50	10	10.31 (262.0)	5.46 (138.7)	4.53 (115.0)	22 lb/1
FGH	250-600	2	600	—	200	100	35	—	—	—	10.31 (262.0)	5.46 (138.7)	4.53 (115.0)	22 lb/1
		3	600	—	200	100	35	100	80	22	10.31 (262.0)	5.46 (138.7)	4.53 (115.0)	22 lb/1
FGL	250-600	2	600	—	200	150	42	—	—	—	10.31 (262.0)	5.46 (138.7)	4.53 (115.0)	22 lb/1
		3	600	—	200	150	42	200	150	40	10.31 (262.0)	5.46 (138.7)	4.53 (115.0)	22 lb/1
FGP	250-600	2	600	—	200	200	65	—	—	—	10.31 (262.0)	5.46 (138.7)	4.53 (115.0)	22 lb/1
		3	600	—	200	200	65	—	—	—	10.31 (262.0)	5.46 (138.7)	4.53 (115.0)	22 lb/1



# Molded Case Circuit Breakers Record Plus® FB 100



- 1 Breaker Frame Rating
- 2 Product Description
- 3 Standards & Ratings
- 4 Interrupting Ratings
- 5 Lug Data & Torque Info
- 6 Product Number
- 7 Push to Trip

### FB Breaker Markings

cULus	UL File E-11592	
HACR	15 to 100A	1, 2, 3 Pole
HID	15 to 50A	1, 2, 3 Pole
NAVAL	15 to 100A	1, 2, 3 Pole
Cu/Al 60/75°C	15 to 100A	1, 2, 3 Pole
Current Limiting	15 to 100A	1, 2, 3 Pole

FB breakers are NOT marked LINE/LOAD and can be reverse fed.

### Reference Publications

Available for download from [www.geelectrical.com/publibrary](http://www.geelectrical.com/publibrary)

FB Breaker	
Installation Instructions	DEH-41073
Fact sheet	DET-406
FB Breaker Accessories	
Bell Alarm & Aux. Switch	DEH-40324
Shunt Trip & UVR	DEH-40363
Padlock Device	DEH-40521
Lug Kits	DEH-40532
Panelboards	
A-Series® AD Plus Catalog/Selection Guide	DEP-134
A-Series® AD Plus Fact Sheet	DET-397
Spectra® Power Panel - Plug-in Kits	DEH-41123
Spectra® Power Panel - Bolt-on Kits	DEH-41124
Spectra® Power Panel - Filler Plates	DEH-41125
Outline Drawings	
FB 1 pole	10091632SH1
FB 2 pole	10091636SH1
FB 3 pole	10091641SH1
Series Ratings	DET-008

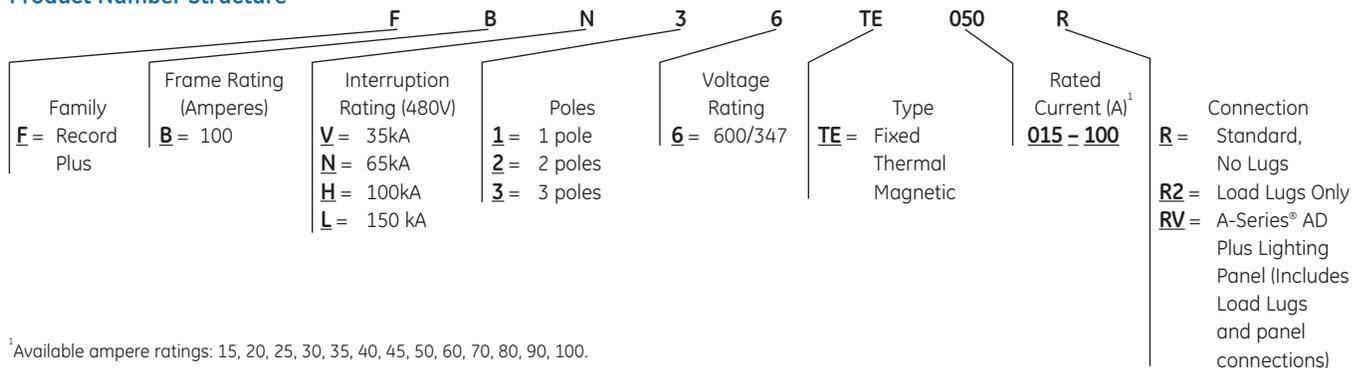
### Trip Curves

Trip Unit Rated Current (A)	Trip Curve
15	DES-013
20	DES-014
25	DES-015
30	DES-016
35	DES-017
40	DES-018
45	DES-019
50	DES-020
60	DES-021
70	DES-022
80	DES-023
90	DES-024
100	DES-025
Peak Current Curves	DES-030
Peak I <sup>2</sup> t Curve	DES-031

### Interrupting Ratings

Type	Ampere Rating	Max AC Voltage	No. Poles	UL Listed Interrupting Ratings - rms Symmetrical Amperes (in Thousands) AC Voltage				
				240	277	347	480	600/347
FBV	15-100	600/347VAC	1	35	35	22	-	-
			2	65	-	-	35	22
			3	65	-	-	35	22
FBN	15-100	600/347VAC	1	65	65	25	-	-
			2	150	-	-	65	25
			3	150	-	-	65	25
FBH	15-100	600/347VAC	1	100	100	35	-	-
			2	200	-	-	100	35
			3	200	-	-	100	35
FBL	15-100	600/347VAC	1	100	100	42	-	-
			2	200	-	-	150	42
			3	200	-	-	150	42

### Product Number Structure



<sup>1</sup> Available ampere ratings: 15, 20, 25, 30, 35, 40, 45, 50, 60, 70, 80, 90, 100.



Publications and Reference: See Section 22 for a complete list of additional product-related publications