

# Molded Case Circuit Breakers

## Record Plus™ FC 100



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### Main Standards

- UL 489
- IEC 947 and associated EN Sections

### FC Breaker Markings

cULus	UL File E-11592
HID	15-50A
HACR	15 to 100A
Cu/Al 60/75°C	15 to 100A
Current Limiting	15 to 100A

### Reference Publications

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

FC Breaker	
Installation Instructions	DEH-40463
FC Breaker Accessories	
Bell Alarm & Aux. Switch	DEH-40324
Shunt Trip & Undervoltage Release	DEH-40363
Lug Kits	DEH-40532
Outline Drawings	
FC 2-3 pole	10085772SH1
Series Ratings	DET-008

### Trip Curves

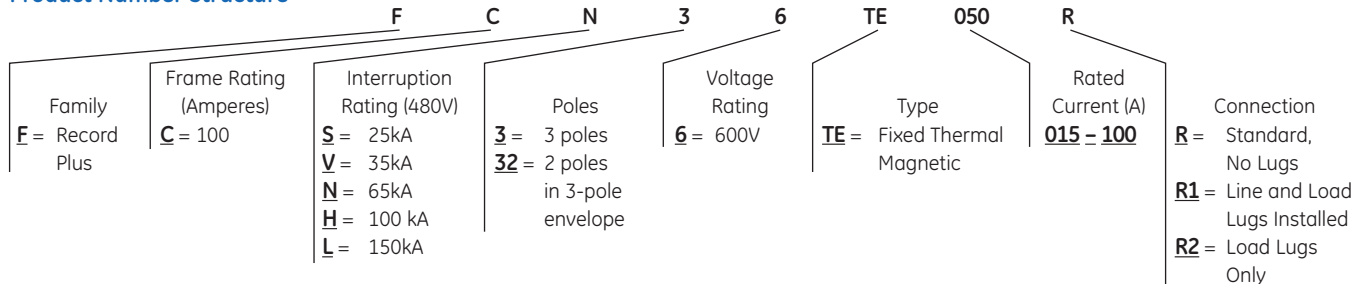
Trip Unit Rated Current (A)	Trip Curve
15	DES-013
20	DES-014
25	DES-015
30	DES-016
35	DES-017
40	DES-018
45	DES-019
50	DES-020
60	DES-021
70	DES-022
80	DES-023
90	DES-024
100	DES-025
Peak Current Curves	DES-030
Peak I <sup>2</sup> t Curve	DES-031

### FC 100 Amp Frame Overview

#### Interrupting Ratings — Federal Spec C/B Class WC-375B

Type	Ampere Rating	No. Poles	Max AC/DC Voltage	UL Listed Interrupting Ratings - rms Symmetrical Amperes (in Thousands)					IEC Listed Interrupting Ratings, Icu, Amperes (in Thousands)				
				AC Voltage			DC Voltage		AC Voltage		DC Voltage		
				240	480	600/347	250 (2p)	500 (3p)	220-240	400-415	500	250 (2p)	500 (3p)
FCS	15-100	2,3	600VAC, 500VDC	42	25	18	22	30	36	22	14	22	30
FCV	15-100	2,3	600VAC, 500VDC	65	35	22	25	35	50	30	18	25	35
FCN	15-100	2,3	600VAC, 500VDC	150	65	25	30	42	85	50	22	30	42
FCH	15-100	2,3	600VAC, 500VDC	200	100	35	42	65	100	80	36	42	65
FCL	15-100	2,3	600VAC, 500VDC	200	150	42	65	80	200	150	50	65	80

### Product Number Structure



### Selection

#### Record Plus™, Non-Automatic Circuit Breaker (Molded Case Switch), 600 VAC

Ampere Rating	2-Pole		3-Pole		Lug Kit (3 per kit)
	Product No.	Product No.	Product No.	Product No.	Product No.
60	FCY206F060R	FCY306F060R	FCY306F060R	FCY306F060R	FCALK13
100	FCY206F100R	FCY306F100R	FCY306F100R	FCY306F100R	FCALK14



### 2-Pole Record Plus™ FC 100 Breakers IC @ 480 Vac

Rated Current (A)	25kA Product No.	35kA Product No.	65kA Product No.	100kA Product No.	150kA Product No.	Connection
15	FCS326TE015R	FCV326TE015R	FCN326TE015R	FCH326TE015R	FCL326TE015R	No Lugs
	FCS326TE015R1	FCV326TE015R1	FCN326TE015R1	FCH326TE015R1	FCL326TE015R1	Line and Load Lugs Installed
20	FCS326TE015R2	FCV326TE015R2	FCN326TE015R2	FCH326TE015R2	FCL326TE015R2	Load Lugs Only
	FCS326TE020R	FCV326TE020R	FCN326TE020R	FCH326TE020R	FCL326TE020R	No Lugs
	FCS326TE020R1	FCV326TE020R1	FCN326TE020R1	FCH326TE020R1	FCL326TE020R1	Line and Load Lugs Installed
	FCS326TE020R2	FCV326TE020R2	FCN326TE020R2	FCH326TE020R2	FCL326TE020R2	Load Lugs Only
25	FCS326TE025R	FCV326TE025R	FCN326TE025R	FCH326TE025R	FCL326TE025R	No Lugs
	FCS326TE025R1	FCV326TE025R1	FCN326TE025R1	FCH326TE025R1	FCL326TE025R1	Line and Load Lugs Installed
	FCS326TE025R2	FCV326TE025R2	FCN326TE025R2	FCH326TE025R2	FCL326TE025R2	Load Lugs Only
	FCS326TE030R	FCV326TE030R	FCN326TE030R	FCH326TE030R	FCL326TE030R	No Lugs
30	FCS326TE030R1	FCV326TE030R1	FCN326TE030R1	FCH326TE030R1	FCL326TE030R1	Line and Load Lugs Installed
	FCS326TE030R2	FCV326TE030R2	FCN326TE030R2	FCH326TE030R2	FCL326TE030R2	Load Lugs Only
	FCS326TE035R	FCV326TE035R	FCN326TE035R	FCH326TE035R	FCL326TE035R	No Lugs
	FCS326TE035R1	FCV326TE035R1	FCN326TE035R1	FCH326TE035R1	FCL326TE035R1	Line and Load Lugs Installed
35	FCS326TE035R2	FCV326TE035R2	FCN326TE035R2	FCH326TE035R2	FCL326TE035R2	Load Lugs Only
	FCS326TE040R	FCV326TE040R	FCN326TE040R	FCH326TE040R	FCL326TE040R	No Lugs
	FCS326TE040R1	FCV326TE040R1	FCN326TE040R1	FCH326TE040R1	FCL326TE040R1	Line and Load Lugs Installed
	FCS326TE040R2	FCV326TE040R2	FCN326TE040R2	FCH326TE040R2	FCL326TE040R2	Load Lugs Only
40	FCS326TE045R	FCV326TE045R	FCN326TE045R	FCH326TE045R	FCL326TE045R	No Lugs
	FCS326TE045R1	FCV326TE045R1	FCN326TE045R1	FCH326TE045R1	FCL326TE045R1	Line and Load Lugs Installed
	FCS326TE045R2	FCV326TE045R2	FCN326TE045R2	FCH326TE045R2	FCL326TE045R2	Load Lugs Only
	FCS326TE050R	FCV326TE050R	FCN326TE050R	FCH326TE050R	FCL326TE050R	No Lugs
45	FCS326TE050R1	FCV326TE050R1	FCN326TE050R1	FCH326TE050R1	FCL326TE050R1	Line and Load Lugs Installed
	FCS326TE050R2	FCV326TE050R2	FCN326TE050R2	FCH326TE050R2	FCL326TE050R2	Load Lugs Only
	FCS326TE060R	FCV326TE060R	FCN326TE060R	FCH326TE060R	FCL326TE060R	No Lugs
	FCS326TE060R1	FCV326TE060R1	FCN326TE060R1	FCH326TE060R1	FCL326TE060R1	Line and Load Lugs Installed
50	FCS326TE060R2	FCV326TE060R2	FCN326TE060R2	FCH326TE060R2	FCL326TE060R2	Load Lugs Only
	FCS326TE070R	FCV326TE070R	FCN326TE070R	FCH326TE070R	FCL326TE070R	No Lugs
	FCS326TE070R1	FCV326TE070R1	FCN326TE070R1	FCH326TE070R1	FCL326TE070R1	Line and Load Lugs Installed
	FCS326TE070R2	FCV326TE070R2	FCN326TE070R2	FCH326TE070R2	FCL326TE070R2	Load Lugs Only
60	FCS326TE080R	FCV326TE080R	FCN326TE080R	FCH326TE080R	FCL326TE080R	No Lugs
	FCS326TE080R1	FCV326TE080R1	FCN326TE080R1	FCH326TE080R1	FCL326TE080R1	Line and Load Lugs Installed
	FCS326TE080R2	FCV326TE080R2	FCN326TE080R2	FCH326TE080R2	FCL326TE080R2	Load Lugs Only
	FCS326TE090R	FCV326TE090R	FCN326TE090R	FCH326TE090R	FCL326TE090R	No Lugs
70	FCS326TE090R1	FCV326TE090R1	FCN326TE090R1	FCH326TE090R1	FCL326TE090R1	Line and Load Lugs Installed
	FCS326TE090R2	FCV326TE090R2	FCN326TE090R2	FCH326TE090R2	FCL326TE090R2	Load Lugs Only
	FCS326TE100R	FCV326TE100R	FCN326TE100R	FCH326TE100R	FCL326TE100R	No Lugs
	FCS326TE100R1	FCV326TE100R1	FCN326TE100R1	FCH326TE100R1	FCL326TE100R1	Line and Load Lugs Installed
80	FCS326TE100R2	FCV326TE100R2	FCN326TE100R2	FCH326TE100R2	FCL326TE100R2	Load Lugs Only
	FCS326TE100R	FCV326TE100R	FCN326TE100R	FCH326TE100R	FCL326TE100R	No Lugs
90	FCS326TE100R1	FCV326TE100R1	FCN326TE100R1	FCH326TE100R1	FCL326TE100R1	Line and Load Lugs Installed
	FCS326TE100R2	FCV326TE100R2	FCN326TE100R2	FCH326TE100R2	FCL326TE100R2	Load Lugs Only
100	FCS326TE100R	FCV326TE100R	FCN326TE100R	FCH326TE100R	FCL326TE100R	No Lugs
	FCS326TE100R1	FCV326TE100R1	FCN326TE100R1	FCH326TE100R1	FCL326TE100R1	Line and Load Lugs Installed
	FCS326TE100R2	FCV326TE100R2	FCN326TE100R2	FCH326TE100R2	FCL326TE100R2	Load Lugs Only



# Molded Case Circuit Breakers Record Plus™ FC 100

## Section 6

### 3-Pole Record Plus™ FC 100 Breakers IC @ 480 Vac

Rated Current (A)	25kA Product No.	35kA Product No.	65kA Product No.	100kA Product No.	150kA Product No.	Connection
15	FCS36TE015R	FCV36TE015R	FCN36TE015R	FCH36TE015R	FCL36TE015R	No Lugs
	FCS36TE015R1	FCV36TE015R1	FCN36TE015R1	FCH36TE015R1	FCL36TE015R1	Line and Load Lugs Installed
20	FCS36TE015R2	FCV36TE015R2	FCN36TE015R2	FCH36TE015R2	FCL36TE015R2	Load Lugs Only
	FCS36TE020R	FCV36TE020R	FCN36TE020R	FCH36TE020R	FCL36TE020R	No Lugs
	FCS36TE020R1	FCV36TE020R1	FCN36TE020R1	FCH36TE020R1	FCL36TE020R1	Line and Load Lugs Installed
25	FCS36TE020R2	FCV36TE020R2	FCN36TE020R2	FCH36TE020R2	FCL36TE020R2	Load Lugs Only
	FCS36TE025R	FCV36TE025R	FCN36TE025R	FCH36TE025R	FCL36TE025R	No Lugs
	FCS36TE025R1	FCV36TE025R1	FCN36TE025R1	FCH36TE025R1	FCL36TE025R1	Line and Load Lugs Installed
30	FCS36TE025R2	FCV36TE025R2	FCN36TE025R2	FCH36TE025R2	FCL36TE025R2	Load Lugs Only
	FCS36TE030R	FCV36TE030R	FCN36TE030R	FCH36TE030R	FCL36TE030R	No Lugs
	FCS36TE030R1	FCV36TE030R1	FCN36TE030R1	FCH36TE030R1	FCL36TE030R1	Line and Load Lugs Installed
	FCS36TE030R2	FCV36TE030R2	FCN36TE030R2	FCH36TE030R2	FCL36TE030R2	Load Lugs Only
35	FCS36TE035R	FCV36TE035R	FCN36TE035R	FCH36TE035R	FCL36TE035R	No Lugs
	FCS36TE035R1	FCV36TE035R1	FCN36TE035R1	FCH36TE035R1	FCL36TE035R1	Line and Load Lugs Installed
	FCS36TE035R2	FCV36TE035R2	FCN36TE035R2	FCH36TE035R2	FCL36TE035R2	Load Lugs Only
40	FCS36TE040R	FCV36TE040R	FCN36TE040R	FCH36TE040R	FCL36TE040R	No Lugs
	FCS36TE040R1	FCV36TE040R1	FCN36TE040R1	FCH36TE040R1	FCL36TE040R1	Line and Load Lugs Installed
45	FCS36TE040R2	FCV36TE040R2	FCN36TE040R2	FCH36TE040R2	FCL36TE040R2	Load Lugs Only
	FCS36TE045R	FCV36TE045R	FCN36TE045R	FCH36TE045R	FCL36TE045R	No Lugs
	FCS36TE045R1	FCV36TE045R1	FCN36TE045R1	FCH36TE045R1	FCL36TE045R1	Line and Load Lugs Installed
	FCS36TE045R2	FCV36TE045R2	FCN36TE045R2	FCH36TE045R2	FCL36TE045R2	Load Lugs Only
50	FCS36TE050	FCV36TE050R	FCN36TE050R	FCH36TE050R	FCL36TE050R	No Lugs
	FCS36TE050R1	FCV36TE050R1	FCN36TE050R1	FCH36TE050R1	FCL36TE050R1	Line and Load Lugs Installed
	FCS36TE050R2	FCV36TE050R2	FCN36TE050R2	FCH36TE050R2	FCL36TE050R2	Load Lugs Only
60	FCS36TE060R	FCV36TE060R	FCN36TE060R	FCH36TE060R	FCL36TE060R	No Lugs
	FCS36TE060R1	FCV36TE060R1	FCN36TE060R1	FCH36TE060R1	FCL36TE060R1	Line and Load Lugs Installed
70	FCS36TE060R2	FCV36TE060R2	FCN36TE060R2	FCH36TE060R2	FCL36TE060R2	Load Lugs Only
	FCS36TE070R	FCV36TE070R	FCN36TE070R	FCH36TE070R	FCL36TE070R	No Lugs
	FCS36TE070R1	FCV36TE070R1	FCN36TE070R1	FCH36TE070R1	FCL36TE070R1	Line and Load Lugs Installed
	FCS36TE070R2	FCV36TE070R2	FCN36TE070R2	FCH36TE070R2	FCL36TE070R2	Load Lugs Only
80	FCS36TE080R	FCV36TE080R	FCN36TE080R	FCH36TE080R	FCL36TE080R	No Lugs
	FCS36TE080R1	FCV36TE080R1	FCN36TE080R1	FCH36TE080R1	FCL36TE080R1	Line and Load Lugs Installed
	FCS36TE080R2	FCV36TE080R2	FCN36TE080R2	FCH36TE080R2	FCL36TE080R2	Load Lugs Only
90	FCS36TE090R	FCV36TE090R	FCN36TE090R	FCH36TE090R	FCL36TE090R	No Lugs
	FCS36TE090R1	FCV36TE090R1	FCN36TE090R1	FCH36TE090R1	FCL36TE090R1	Line and Load Lugs Installed
100	FCS36TE090R2	FCV36TE090R2	FCN36TE090R2	FCH36TE090R2	FCL36TE090R2	Load Lugs Only
	FCS36TE100R	FCV36TE100R	FCN36TE100R	FCH36TE100R	FCL36TE100R	No Lugs
	FCS36TE100R1	FCV36TE100R1	FCN36TE100R1	FCH36TE100R1	FCL36TE100R1	Line and Load Lugs Installed
	FCS36TE100R2	FCV36TE100R2	FCN36TE100R2	FCH36TE100R2	FCL36TE100R2	Load Lugs Only

