

# Product Details and Certifications

**Cross Reference RA Part Number: PN-D16501\***

**Product: 140G-J15C3-C 0**

Description: 140G - Molded Case Circuit Breaker, J frame, 100 kA, T/M - Thermal Magnetic, Rated Current  $\hat{I}$  0 A



Representative Photo Only (actual product may vary based on configuration selections)

## SYSTEM DATA

Supply Voltage	600V
Interrupt Rating[kA]	100 kA

## CIRCUIT BREAKER DATA

Bulletin Number	140G - Molded Case Circuit Breaker
Number of Poles	3 Poles
Frame Size	J frame
Rated Current(A)	$\hat{I}$ 0 A
Protection	T/M - Fixed Thermal / Fixed Magnetic TMF

## MANUFACTURING

Assembly	Factory Assembled
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## INTERNAL ACCESSORIES

Auxiliaries(AX), Alarm (AL), Auxiliary/Alarm Combination (AX/AL), Right Side Mounting	N/A
Voltage for Aux Alarm Combination	N/A

# Molded Case Circuit Breakers

## Catalog Number Explanation — 250 A, J-Frame

### Complete Circuit Breaker Assemblies — 250 A, J-Frame

Examples given in this section are not intended to be used for product selection. Use ProposalWorks to configure the molded case circuit breaker. Use these configurations only to select all factory-installed options for shunt trips, undervoltage release units, auxiliary contacts, trip units, and alarm contacts. Use the codes from Table g to add on to the molded case circuit breaker cat. no. selected on the previous pages to form a complete cat. no. for a complete assembly with factory-installed options.



**140G - J 15 C 3 - C) 0**

*a          b          c          d          e          f          g*

<i>a</i>		<i>d</i>		<i>g</i>	
Bulletin No.		Protection Type		Factory-Installed Internal Options ♦	
Code	Description	Code	Description	Code	Description
<b>140G</b>	Global Molded Case Circuit Breaker	<b>C</b>	Fixed thermal/ fixed magnetic	Shunt Trip and Undervoltage Release Units	
		E	Adjust thermal/ fixed magnetic	SJ	Shunt Trip, 24...30V AC/DC
		F	Adjust thermal/ adjust magnetic	SK	Shunt Trip, 48...60V AC/DC
		H	Electronic LSI-long, short, instant	SD	Shunt Trip, 110...127V AC; 110...125V DC
		I	Electronic LSIg -long, short, instant & ground fault	SA	Shunt Trip, 220...240V AC; 220...250V DC
		X	Breaker frame	SB	Shunt Trip, 380...440V AC
		S	Molded case switch (isolator)	SC	Shunt Trip, 480...525V AC
<i>b</i>		<i>e</i>		UD	
Frame/Rating		Poles		Undervoltage Release, 24...30V AC/DC	
Code	Description	Code	Description	UR	
<b>J</b>	250 A	<b>3</b>	3 poles	Undervoltage Release, 48V AC/DC	
		4	4 poles	UD	
<i>c</i>		<i>f</i>		UA	
Interrupting Rating/Breaking Capacity 600V		Current Range		Undervoltage Release, 110...127V AC; 110...125V DC	
Code	Description	Code	Description	UB	
2	25 kA	<b>C</b>	e.g., C30 = 30 A	Undervoltage Release, 380...440V AC	
3	35 kA	D	e.g., D16 = 160 A	UC	
6	65 kA	Blank	Frame only	Undervoltage Release, 480...525V AC	
<b>15</b>	100 kA			No Digit	
T	Trip unit			No Selection	
				Auxiliary and Alarm Contacts, Trip Units	
				Code	Description
				KA	1 Aux. Contact, 250V
				TA	1 Alarm Contact, 250V
				AA	1 Aux., 1 Alarm Contact, 250V
				BA	2 Aux., 1 Alarm Contact, 250V
				DA	1 Trip Unit Alarm Contact, 250V
				FB	2 Aux. Contacts, 400V
				AB	1 Aux., 1 Alarm Contact, 400V
				AJ	1 Aux., 1 Alarm Contact, 24V
				DJ	1 Trip Unit Alarm Contact, 24V

♦ Select up to two internal options: 1 for left side mounting, 1 for right. Consult your local Rockwell automation sales office or Allen-Bradley distributor for further assistance.

**Table 9 - Inverse Time Table**

Amps	Size/Rating Circuit Breaker Part No.	Short-Circuit Current Rating at Given Voltage <sup>(1)</sup>			Protection Type	Magnetic Trip Setting	Min	Mid	Max	Magnetic Trip Setting Min	Magnetic Trip Setting Max	MCC Catalog String Suffix Code
		208/ 240V	380/ 480V	600V								
		Fixed	Thermal-magnetic Adjustable									
15	140G-G6C3-C15	100 kA	65 kA	-----	TMF	500	N/A		N/A		TGM	
	140G-H6C3-C15	100 kA	65 kA	-----		400	N/A		N/A		THM	
	140G-H0C3-C15	-----	100 kA	35 kA			N/A		N/A		THX	
	140G-J15H3-C15	-----	-----	100 kA	LSI <sup>(3)</sup>	N/A	N/A		N/A		TJUL	
20	140G-G6C3-C20	100 kA	65 kA	-----	TMF	500	N/A		N/A		TGM	
	140G-H6C3-C20	100 kA	65 kA	-----		400	N/A		N/A		THM	
	140G-H0C3-C20	-----	100 kA	35 kA			N/A		N/A		THX	
25	140G-H6H3-C25	100 kA	65 kA	-----	LSI <sup>(3)</sup>	N/A	N/A		25	250	THML	
	140G-H0H3-C25	-----	100 kA	35 kA		N/A	N/A				THXL	
	140G-H15H3-C25	-----	-----	42 kA <sup>(2)</sup>		N/A	N/A				THUL	
30	140G-G6C3-C30	100 kA	65 kA	-----	TMF	500	N/A		N/A		TGM	
	140G-H6C3-C30	100 kA	65 kA	-----		400	N/A		N/A		THM	
	140G-H0C3-C30	-----	100 kA	35 kA			N/A		N/A		THX	
	140G-J15C3-C30	-----	-----	100 kA		N/A	N/A		N/A		TJU	
40	140G-G6C3-C40	100 kA	65 kA	-----	TMF	500	N/A		N/A		TGM	
	140G-H6C3-C40	100 kA	65 kA	-----		400	N/A		N/A		THM	
	140G-H0C3-C40	-----	100 kA	35 kA			N/A		N/A		THX	
	140G-J15C3-C40	-----	-----	100 kA		N/A	N/A		N/A		TJU	
	140G-J15H3-C40	-----	-----	100 kA	LSI <sup>(3)</sup>	N/A	N/A		N/A		TJUL	
50	140G-G6C3-C50	100 kA	65 kA	-----	TMF	500	N/A		N/A		TGM	
	140G-H6C3-C50	100 kA	65 kA	-----		500	N/A		N/A		THM	
	140G-H0C3-C50	-----	100 kA	35 kA			N/A		N/A		THX	
	140G-J15C3-C50	-----	-----	100 kA		N/A	N/A		N/A		TJU	
60	140G-G6C3-C60	100 kA	65 kA	-----	TMF	600	N/A		N/A		TGM	
	140G-H6C3-C60	100 kA	65 kA	-----		600	N/A		N/A		THM	
	140G-H0C3-C60	-----	100 kA	35 kA		N/A	N/A		N/A		THX	
	140G-H6H3-C60	100 kA	65 kA	-----	LSI <sup>(3)</sup>	N/A	N/A		60	600	THML	
	140G-H0H3-C60	-----	100 kA	35 kA		N/A	N/A				THXL	
	140G-H15H3-C60	-----	-----	42 kA <sup>(2)</sup>		N/A	N/A				THUL	
	140G-J15C3-C60	-----	-----	100 kA	TMF	N/A	N/A		N/A		TJU	
	140G-J15H3-C60	-----	-----	100 kA	LSI <sup>(3)</sup>	N/A	N/A		N/A		TJUL	
70	140G-G6C3-C70	100 kA	65 kA	-----	TMF	700	N/A		N/A		TGM	
	140G-H6C3-C70	100 kA	65 kA	-----		700	N/A		N/A		THM	
	140G-H0C3-C70	-----	100 kA	35 kA			N/A		N/A		THX	
	140G-J6C3-C70	100 kA	65 kA	-----		700	N/A		N/A		TJM	
	140G-J0C3-C70	-----	100 kA	35 kA			N/A		N/A		TJX	
	140G-J15C3-C70	-----	-----	100 kA		N/A	N/A		N/A		TJU	



(1) Short-circuit current rating that is shown indicates quick-delivery offering.  
 (2) Except with 2107, 2113, and 2123 units. See Table 7 for combination rating.  
 (3) Adjustable from 40...100% of breaker rating in 2% increments.

