

# Product Details and Certifications

**Cross Reference RA Part Number: PN-D165015**

**Product: 140G-J15C3-C40**

Description: 140G - Molded Case Circuit Breaker, J frame, 100 kA, T/M - Thermal Magnetic, Rated Current 40 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)	40 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 - C40
g

*a*
*b*
*c*
*d*
*e*
*f*
*g*

*a*

Bulletin No.	
Code	Description
140G	Global Molded Case Circuit Breaker

*d*

Protection Type	
Code	Description
C	Fixed thermal/ fixed magnetic
E	Adjust thermal/ fixed magnetic
F	Adjust thermal/ adjust magnetic
H	Electronic LSI-long, short, instant
I	Electronic LSIg -long, short, instant & ground fault
X	Breaker frame
S	Molded case switch (isolator)

*g*

Factory-Installed Internal Options ♦	
Shunt Trip and Undervoltage Release Units	
Code	Description
SJ	Shunt Trip, 24...30V AC/DC
SK	Shunt Trip, 48...60V AC/DC
SD	Shunt Trip, 110...127V AC; 110...125V DC
SA	Shunt Trip, 220...240V AC; 220...250V DC
SB	Shunt Trip, 380...440V AC
SC	Shunt Trip, 480...525V AC
UJ	Undervoltage Release, 24...30V AC/DC
UR	Undervoltage Release, 48V AC/DC
UD	Undervoltage Release, 110...127V AC; 110...125V DC
UA	Undervoltage Release, 220...240V AC; 220...250V DC
UB	Undervoltage Release, 380...440V AC
UC	Undervoltage Release, 480...525V AC
No Digit	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

*b*

Frame/Rating	
Code	Description
J	250 A

*e*

Poles	
Code	Description
3	3 poles
4	4 poles

*c*

Interrupting Rating/Breaking Capacity 600V	
Code	Description
2	25 kA
3	35 kA
6	65 kA
15	100 kA
T	Trip unit

*f*

Current Range	
Code	Description
C	e.g., C30 = 30 A
D	e.g., D16 = 160 A
Blank	Frame only

♦ 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		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.

