

# Product Details and Certifications

**Cross Reference RA Part Number: PN-D165020**

**Product: 140G-J15F3-C80**

Description: 140G - Molded Case Circuit Breaker, J frame, 100 kA, VET -  
 140G-H 125, Rated Current 100 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)	100 A
Protection	VET - 140G-H 125, Rated Current 100 A

## 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 F 3 - C80**

*a                      b                      c                      d                      e                      f                      g*

*a*

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

*b*

Frame/Rating	
Code	Description
J	250 A

*c*

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

*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)

*e*

Poles	
Code	Description
3	3 poles
4	4 poles

*f*

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

*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

♦ 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 (continued)**

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					Electronic Trip Adjustable						
80	140G-G6C3-C80	100 kA	65 kA	-----	TMF	800	N/A					N/A	TGM	
	140G-H6F3-C80	100 kA	65 kA	-----	TMA	N/A	400	500	600	700	800	N/A	THM	
	140G-H0F3-C80	-----	100 kA	35 kA		N/A						N/A	THX	
	140G-J15F3-C80	-----	-----	100 kA		N/A	N/A					N/A	TJU	
90	140G-G6C3-C90	100 kA	65 kA	-----	TMF	900	N/A					N/A	TGM	
	140G-H6F3-C90	100 kA	65 kA	-----	TMA	N/A	450	562.5	675	787.5	900	N/A	THM	
	140G-H0F3-C90	-----	100 kA	35 kA		N/A						N/A	THX	
	140G-J6F3-C90	100 kA	65 kA	-----		N/A	450	562.5	675	787.5	900		TJM	
	140G-J0F3-C90	-----	100 kA	35 kA									TJX	
	140G-J15F3-C90	-----	-----	100 kA		N/A	N/A					N/A	TJU	
100	140G-G6C3-D10	100 kA	65 kA	-----	TMF	1000	N/A					N/A	TGM	
	140G-H6F3-D10	100 kA	65 kA	-----	TMA	N/A	500	625	750	875	1000	N/A	THM	
	140G-H0F3-D10	-----	100 kA	35 kA		N/A						N/A	THX	
	140G-H6H3-D10	100 kA	65 kA	-----	LSI <sup>(3)</sup>		N/A					100	1000	THML
	140G-H0H3-D10	-----	100 kA	35 kA			N/A							THXL
	140G-H15H3-D10	-----	-----	42 kA <sup>(2)</sup>		N/A							THUL	
	140G-J6F3-D10	100 kA	65 kA	-----	TMA	N/A	500	625	750	875	1000	N/A	TJM	
	140G-J0F3-D10	-----	100 kA	35 kA									TJX	
	140G-J6H3-D10	100 kA	65 kA	-----	LSI <sup>(3)</sup>		N/A					100	1000	TJML
	140G-J0H3-D10	-----	100 kA	35 kA			N/A							TJXL
	140G-J15F3-D10	-----	-----	100 kA	TMA		N/A							TJU
	140G-J15H3-D10	-----	-----	100 kA	LSI <sup>(3)</sup>		N/A							TJUL
125	140G-G6C3-D12	100 kA	65 kA	-----	TMF	1200	N/A					N/A	TGM	
	140G-H6F3-D12	100 kA	65 kA	-----	TMA	N/A	625	781.25	937.5	1093.75	1250	N/A	THM	
	140G-H0F3-D12	-----	100 kA	35 kA		N/A						N/A	THX	
	140G-H6H3-D12	100 kA	65 kA	-----	LSI <sup>(3)</sup>	N/A	N/A					125	1250	THML
	140G-H0H3-D12	-----	100 kA	35 kA		N/A	N/A							THXL
	140G-J6F3-D12	100 kA	65 kA	-----	TMA	N/A	625	781.25	937.5	1093.75	1250	N/A	TJM	
	140G-J0F3-D12	-----	100 kA	35 kA									TJX	
	140G-J15F3-D12	-----	-----	100 kA		N/A	N/A							TJU
150	140G-J6F3-D15	100 kA	65 kA	-----	TMA	N/A	750	937.5	1125	1312.5	1500	N/A	TJM	
	140G-J0F3-D15	-----	100 kA	35 kA		N/A						N/A	TJX	
	140G-J6H3-D15	100 kA	65 kA	-----	LSI <sup>(3)</sup>	N/A	N/A					150	1500	TJML
	140G-J0H3-D15	-----	100 kA	35 kA		N/A	N/A							TJXL
	140G-J15F3-D15	-----	-----	100 kA	TMA	N/A	N/A							TJU
	140G-J15H3-D15	-----	-----	100 kA	LSI <sup>(3)</sup>		N/A							TJUL

(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.

**Figure 20 - Time-current Curves for Bulletin 140G-J Thermo-magnetic Molded Case Circuit Breaker, 600V AC, 80...100 A**

