

‡ Listed I_1 , I_2 , I_3 & I_4 values are based on a 2000, 2500 & 3000 A rating plug value, respectively.

Electronic LSIG (Long, Short, Instantaneous, Ground Fault) - 100% Rated

Rated Current I_n [A]	Protection Type							Interrupting Code R12	
	L		S		I	G	Cat. No.		
	$I_1=0.4... 1 \times I_n$	$t_1=sec.$	$I_2=1... 10 \times I_n$	$t_2=sec.$	$I_3=1... 10 \times I_n$	$I_4=0.2... 1 \times I_n$	$t_4=sec.$	3 Poles	4 Poles
2000§	1000... 2500	3, 12, 24, 36, 48, 72, 108, 144	1500... 25000	0.1, 0.2, 0.3, 0.4, 0.5, 5.8, 6.6, 7.4, 8.2, 9, 10	3750... 37500	500...2500	0.1, 0.2, 0.4, 0.8	140G-R12I3-E20-Z1	140G-R12I4-E20-Z1
2500§	1000... 2500	3, 12, 24, 36, 48, 72, 108, 144	1500... 25000	0.1, 0.2, 0.3, 0.4, 0.5, 5.8, 6.6, 7.4, 8.2, 9, 10	3750... 37500	500...2500	0.1, 0.2, 0.4, 0.8	140G-R12I3-E25-Z1	140G-R12I4-E25-Z1
3000§	1200... 3000	3, 12, 24, 36, 48, 72, 108, 144	1800... 30000	0.1, 0.2, 0.3, 0.4, 0.5, 5.8, 6.6, 7.4, 8.2, 9, 10	4500... 45000	600...3000	0.1, 0.2, 0.4, 0.8	140G-R12I3-E30-Z1	140G-R12I4-E30-Z1

§ Listed I_1 , I_2 , I_3 & I_4 values are based on a 2000, 2500 & 3000 A rating plug value, respectively.

Molded Case Switch — UL489§



Rated Current I_n [A]	Magnetic Trip [A] I_m	Cat. No.	
		3 Poles	4 Poles
2500	25 000	140G-R12S3-E25	140G-R12S4-E25

§ Does not provide overcurrent protection; may open at 40,000 A.

Rating Plugs

Rated Current I_n [A]	Cat. No.
1000	140G-NRP-E10
1200	140G-NRP-E12
1600	140G-RRP-E16
2000	140G-RRP-E20

2500	140G-RRP-E25
3000	140G-RRP-E30

Catalog Number Explanation

Complete Circuit Breaker Assemblies — 2000...3000 A, R-Frame

Examples given in this section are not intended to be used for product selection. Use ProposalWorks to configure the molded case circuit breaker. These configurations are for selection of all factory-installed options for shunt trips, undervoltage release units, auxiliary contacts, and alarm contacts. Use the codes from Table h and i 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 – R 12 I 3 – E25 – Z1 – MD – RD – SB

a b c d e f g h i

a		b		c		d	
Bulletin Number		Frame/Rating		Interrupting Rating/Breaking Capacity (based on I_C at 480V)		Protection Type	
Code	Description	Code	Description	Code	Description	Code	Description
140G	Global Molded Case Circuit Breaker	R	2500...3000 A	12	125 kA	I	Electronic LSIG - Long, short, instant & ground fault
						S	Molded case switch (isolator)

e		f		g	
Poles		Current Range		Rating	
Code	Description	Code	Description	Code	Description
3	3 poles	E20	2000 A rating plug, installed	No Digit	80% Rated
4	4 poles	E25	2500 A rating plug, installed	Z1	100% Rated
		E30	3000 A rating plug, installed		