



Instantaneous Pickup Settings in Multiples of Rating Switch Value

Pickup Settings Without Short-Time Function

- For Breaker Frame = 800-3200 A: 1.5 to 10 in steps of 0.5
- For Breaker Frame = 4000 A: 1.5 to 9 in steps of 0.5
- For Breaker Frame = 5000 A: 1.5 to 7 in steps of 0.5

Pickup Settings With Short-Time Function

- For Breaker Frame = 800-2000 A: 1.5 to 15 in steps of 0.5
- For Breaker Frame = 3200 A: 1.5 to 13 in steps of 0.5
- For Breaker Frame = 4000 A: 1.5 to 9 in steps of 0.5
- For Breaker Frame = 5000 A: 1.5 to 7 in steps of 0.5



GE Consumer & Industrial - Electrical Distribution

Available Ratings (Amperes)

Breaker Type	Model	Frame	Current Sensor	Rating Switch Setting, A	
				Setting	Setting
LVPCB	EG08	800	150	60, 80, 100, 125, 150	
			400	150, 200, 225, 250, 300, 400	
	EG16	1600	800	300, 400, 450, 500, 600, 700, 800	
			1600	600, 800, 1000, 1100, 1200, 1600	
	EG20	2000	750, 800, 1000, 1200, 1500, 1600, 2000		
	EG32	3200	1200, 1600, 2000, 2400, 2500, 3000, 3200		
	EG40	4000	1600, 2000, 2500, 3000, 3200, 3600, 4000		
	EG50	5000	3200, 4000, 5000		

Voltage Rating: 600 Vac, nominal

Entellisys™ Low-Voltage Switchgear with Entelliguard™ Low-Voltage Power Circuit Breakers

Time Overcurrent Protection
Long-Time Pickup and Delay
Short-Time Pickup and Delay
Instantaneous Pickup

Note: I²t slope is selectable only for short-time bands 3, 4, 5, 6, and 7. Bands 1 and 2 cannot have the I²t slope applied to them.

DES-032

- Adjustments**
- Long-Time Function**
 - Long-time setting multipliers: 0.5 to 1.1 in 0.05 increments and are multiples of the rating switch setting amps.
 - Delay bands: 1, 2, 3, and 4
 - Short-Time Function**
 - Pickup settings: 1.5 to 9.0 in 0.5 increments and are multiples of the current setting.
 - Delay bands (I²t In & Out): 1 = Min, 7 = Max
 - Instantaneous Function:**
 - See table and curve above.