LG-Frame

Typical LG-Frame Circuit Breaker

Interrupting Capacity Ratings

Table 45-41. UL 489/IEC 60947-2 Interrupting Capacity Ratings

Circuit Breaker Type	Number of Poles	Interrupting Capacity (kA rms Symmetrical Amperes) (kA)										
		Volts ac (50/60 Hz)								Volts dc ①		
		240 – 240		380 – 415		480	600	690		250 ②③		600 ④
		Icu	Ics	Icu	Ics			Icu	Ics	Icu	Ics	
LGE630	3, 4	65	65	35	35	35	18	12	6	10	10	10
LGS630	3, 4	85	85	50	50	50	25	20	10	22	22	22
LGH630	3, 4	100	100	70	70	65	35	25	13	42	42	35
LGC630	3, 4	200	200	100	100	100	50	30	15	42	42	42
LGU630	3, 4	200	200	150	150	150	65	35	18	42	42	42
LGX630	3, 4	300	200	200	200	200	65	35	18	50	50	50

① dc rating apply to substantially non-inductive circuits.
② 2-pole circuit breaker, or two poles of 3-pole circuits.
③ Time constant is 3 milliseconds minimum at 10 kA and 8 milliseconds minimum at – kA.
④ 3-poles in series. 750 Vdc ratings available (4-poles in series, not UL listed). Contact Eaton.