

■ Breaking capacities

Earth leakage + Overcurrent + Short-circuit protection

• IEC 60947-2, JIS C8201-2 IEC and CE marking conformed

Series	Breaker ampere frame	Breaker type	Pole	Rated current (A)	Rated voltage (V AC)	Sensitive current (mA)	Breaking capacity (kA) (Icu/Ics)			
							100V	230V	400V	440V
SG	30	SG33C□-CE	3	3, 5, 10, 15, 20, 30	100–440	30, 100/200/500	5/3	5/3	2.5/2	2.5/2
	50	SG53C□-CE	3	5, 10, 15, 20, 30, 40, 50	100–440	30, 100/200/500	10/5	10/5	7.5/4	7.5/4
		SG53RC□-CE	3	10, 15, 20, 30, 40, 50	100–440	30, 100/200/500	25/13	25/13	10/5	10/5
	60	SG63C□-CE	3	60	100–440	30, 100/200/500	10/5	10/5	7.5/4	7.5/4
		SG63RC□-CE	3	60	100–440	30, 100/200/500	25/13	25/13	10/5	10/5
	100	SG103C□-CE	3	15, 20, 30, 40, 50, 60, 75, 100	100–440	30, 100/200/500	50/25	50/25	30/8	25/7
		SG103RC□-CE	3	15, 20, 30, 40, 50, 60, 75, 100	100–440	30, 100/200/500	100/50	100/50	50/13	50/13
225	SG203C□-CE	3	125, 150, 175, 200, 225	100–440	30, 100/200/500	50/25	50/25	30/8	25/7	
	SG203RC□-CE	3	125, 150, 175, 200, 225	100–440	30, 100/200/500	100/50	100/50	50/13	50/13	
400	SG403C□-CE	3	250, 300, 350, 400	100–440	30, 100/200/500	50/25	50/25	35/18	35/18	
EG	30	EG32AC□-CE	2	5, 10, 15, 20, 30	100–230	15, 30, 100	2.5/2	2.5/2	–	–
	30	EG33AC□-CE	3	5, 10, 15, 20, 30	100–230	15, 30, 100	2.5/2	2.5/2	–	–
		EG33C□-CE	3	5, 10, 15, 20, 30	100–440	15, 30, 100	5/3	2.5/2	1.5/1	1.5/1
	50	EG52AC□-CE	2	5, 10, 15, 20, 30, 40, 50	100–230	15, 30, 100	2.5/2	2.5/2	–	–
	50	EG53AC□-CE	3	5, 10, 15, 20, 30, 40, 50	100–230	15, 30, 100	2.5/2	2.5/2	–	–
		EG53C□-CE	3	5, 10, 15, 20, 30, 40, 50	100–440	15, 30, 100/200	5/3	5/3	2.5/2	2.5/2
	60	EG63C□-CE	3	60	100–440	15, 30, 100/200	5/3	5/3	2.5/2	2.5/2
	100	EG103AC□-CE	3	60, 75, 100	100–230	30, 100/200	5/3	5/3	–	–
	100	EG102C□-CE	2	50, 60, 75, 100	100–230	30, 100/200	10/5	10/5	–	–
		EG103C□-CE	3	50, 60, 75, 100	100–440	30, 100/200/500	25/13	25/13	10/5	10/5
	225	EG203C□-CE	3	125, 150, 175, 200, 225	100–440	30, 100/200/500	35/18	35/18	18/5	15/4
	400	EG403C□-CE	3	250, 300, 350, 400	100–440	30, 100/200/500	35/18	35/18	25/13	25/13

Earth Leakage Circuit Breakers

Breaking capacities

■ Breaking capacities

Earth leakage + Overcurrent + Short-circuit protection type

• JIS C8371

Series	Breaker ampere frame	Breaker type	Pole	Rated current (A)	Rated voltage (V AC)	Sensitive current (mA)	Breaking capacity (kA) sym.		
							100V	200V	415V
SG	400	SG403RC	3	250, 300, 350, 400	100-415	30, 100/200/500	85	85	50
	600	SG603RC	3	500, 600	100-415	100/200/500	85	85	50
	800	SG803RC	3	700, 800	100-415	100/200/500	85	85	50
	100	SGa104A	4	40, 50, 60, 75, 100	200-415	30, 100/200/500	–	50	25
	100	SG104H	4	50, 60, 75, 100	200-415	30, 100/200/500	–	85	42
	225	SGa204A	4	125, 150, 175, 200, 225	200-415	30, 100/200/500	–	42	25
225	SG204H	4	125, 150, 175, 200, 225	200-415	30, 100/200/500	–	85	42	
400	SGa404A	4	250, 300, 350, 400	200-415	30, 100/200/500	–	42	25	
EG	100	EG104A	*	30, 40, 50, 60, 75, 100	380-415	30, 100, 300, 500	–	–	14
	600	EG603C	3	500, 600	100-415	100/200/500	50	50	35
	800	EG803C	3	700, 800	100-415	100/200/500	50	50	35
HG	50	HG53B	3	15, 20, 30, 40, 50	100-415	30, 100/200/500	100	100	65
	100	HG103B	3	15, 20, 30, 40, 50, 60, 75, 100	100-415	30, 100/200/500	100	100	65
	225	HG203B	3	125, 150, 175, 200, 225	100-415	30, 100/200/500	100	100	65
	400	HG403B	3	250, 300, 350, 400	100-415	30, 100/200/500	125	125	65
	600	HG603B	3	500, 600	100-415	100/200/500	125	125	65
	800	HG803B	3	700, 800	100-415	100/200/500	125	125	65

Note: * 3P+1N, neutral phase cannot be made or broken.

• UL489 Listed

Breaker ampere frame	Breaker type	Pole	Rated current (A)	Rated voltage (V AC)	Sensitive current (mA)	Breaking capacity (kA)
						240V
50	SG53RCUL	3	3, 5, 10, 15, 20, 30, 40, 50	100-440	30, 100/200/500	14
100	EG102CUL	2	60, 70, 75, 80, 90, 100	100-440	30, 100/200	14
100	EG103CUL	3	60, 70, 75, 80, 90, 100	100-440	30, 100/200/500	14
100	SG103CUL	3	32, 40, 50, 60, 75, 100	100-440	30, 100/200/500	35
225	SG203CUL	3	125, 150, 175, 200, 225	100-440	30, 100/200/500	35
400	SG403CUL	3	250, 300, 350, 400	100-440	30, 100/200/500	42