

SGM3E series MCCB



Rated current of frame size Inm	[A]	1000				1600				
Rated current	[A]	630 800 1000				1000 1250 1600				
Number of poles		3 / 4				3 / 4				
Rated operating voltage	(AC)50-60HZ	400/690				400/690				
	DC	250/1000				250/1000				
Rated impulse withstand voltage Uimp	[KV]	8				8				
Rated insulation voltage Ui	[V]	750				750				
Test voltage at industrial frequency for 1 min	[V]	3000				3000				
Rated ultimate short-circuit breaking capacity Icu	[KA]	N	S	H	G	S	H	G		
(AC)50-60HZ 220/230V	[KA]	55	80	105	130	80	105	130		
(AC)50-60HZ 400/415V	[KA]	36	55	70	100	55	70	100		
(AC)50-60HZ 690V	[KA]	15	20	25	30	20	25	30		
(DC)250V-2 Poles in series		35	50	65	80	50	65	80		
(DC)500V-2 Poles in series		18	22	30	40	22	30	40		
(DC)750V-4 Poles in series		30	42	55	68	42	55	68		
(DC)1000V-4 Poles in series		25	35	45	55	35	45	55		
Rated service short-circuit breaking capacity, Ics	[KA]									
(AC)50-60HZ 220/230V	[%Icu]	50%	50%	50%	50%	50%	50%	50%		
(AC)50-60HZ 400/415V	[%Icu]	50%	50%	50%	50%	50%	50%	50%		
(AC)50-60HZ 690V	[%Icu]	50%	50%	50%	50%	50%	50%	50%		
category of utilisation(EN 60947-2)		A				A				
Isolation condition		■				■				
Reference standard		IEC/EN 60947-2/GB 14048.2				IEC/EN 60947-2/GB 14048.2				
Interchangeability		■				■				
Versions	Fixed	■				■				
	Plug-in	■				■				
	Draw-out	■				■				
Endurance	Total cycles	5000				5000				
	Electrical endurance	1000				1000				
	Mechanical endurance	4000				4000				
Basic dimensions-fixed version	3/4 Poles	W [mm]	210/280			210/280				
	3/4 Poles	H [mm]	108.5			140				
		H1 [mm]	167			196				
	3/4 Poles	L [mm]	268			328				
Weight	Fixed	3/4 Poles	[Kg]							
	Plug-in	3/4 Poles	[Kg]	-				-		
	Draw-out	3/4 Poles	[Kg]	-				-		
Outline dimensions(in mm)										

DIMENSIONES SGM3E-1600-4-1600 (mm)

