

SGM3 DC Moulded Case  
Circuit Breaker

**DC TYPE**



SGM3 DC-250

Frame Size	250		630	
Model	SGM3 DC-250		SGM3 DC-630	
Number of poles	3	4	3	4
Rated current(A) In	16,20,25,32,40,50, 63,80,100,125,140, 160,180,200, 225,250		250,315,350, 400,500,630	
Standard	IEC60947-2			
Reference temperature	40°C/55°C			
Rated operation voltage Ue(V)	DC750	DC1000	DC750	DC1000
Rated insulation voltage Ui (V)	1000			
Rated impulse withstand voltage Uimp (kV)	8			
Breaking capacity level	H		H	
Rated ultimate short-circuit breaking capacity Icu(kA)	40		40	
Rated service short-circuit breaking capacity Ics(kA)	20		20	
Mechanical Endurance	5000		1000	
Electrical Endurance	10000		5000	
Fox distance	≤50		≤100	
Isolation applicability	Yes		Yes	
Dimensions mm(L x W x H)	3P	165×107×103		270×182×110
	4P	165×142×103		270×240×110