

Electronic Type With Knob

SGM6E Moulded Case
Circuit Breaker

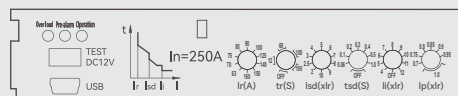


Ratings And Specifications

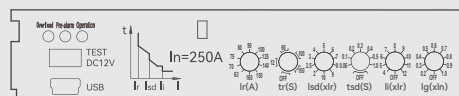
Electronic Type With Knob

Frame Size	 160			
Model	SGM6E-160			
Number of poles	3,4			
Rated current(A) In	63,100,125,160			
Standard	IEC60947-1/-2/-5			
Rated operational voltage	380/400/415V AC			
Rated insulation voltage Ui (V)	1000			
Rated impulse withstand voltage Uimp (kV)	8			
Selectivity category	A			
Breaking capacity level	L	M	H	H max
Rated ultimate short-circuit breaking capacity Icu(kA)	36	50	65	85
Rated service short-circuit breaking capacity Ics(kA)	25	36	50	66
Icu=Ics(kA)	25	36	50	66
Mechanical Endurance Electrical Endurance	10000 5000			
Installation	Auxiliary contact(OF) Alarm switch(SD) Shunt trip(MX) Under-voltage release(MN) AC Motor Mechanism Extended Rotary Handle			

160 3P controller



160 4P controller

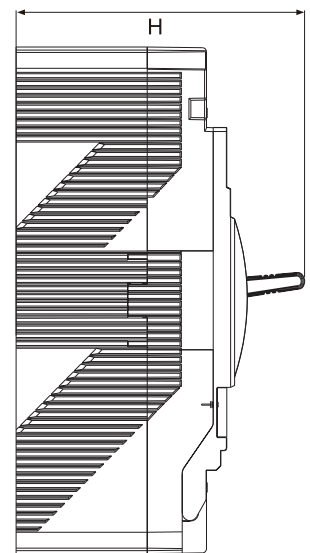
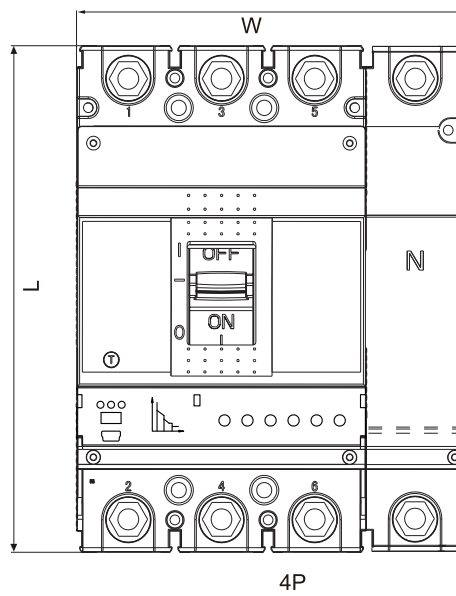
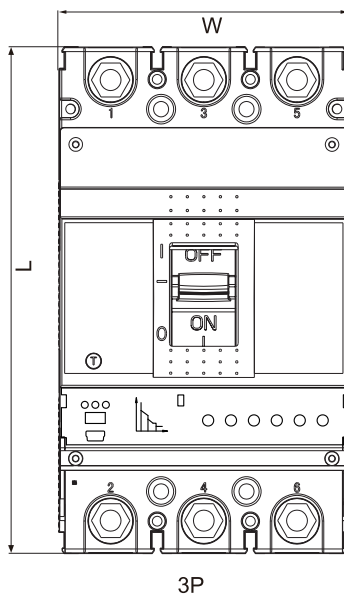


Product Dimension Drawing

Electronic Type With Knob

SGM6E

160,250,400,630
800/1000 (3P/4P)



SGM6 Dimensions mm(L×W×H)

Frame Size		160	Frame Size		160
3P	Length	155	4P	Length	155
	Width	92		Width	122
	Height	99		Height	99

Setting Parameters		Electronic Type With Knob		
Frame Size	SGM6E-160A			
Rated current In(A)	63	100	125	160
Ir(A) Long Delay Current Setting	25-28-32 36-40-45 50-56-60 63A	40-45-50 56-63-70 75-80-90 100A	50-63-70 75-80-85 90-95-100 125A	63-70-75 80-90-100 125-140-150 160A
tr(S) Long Delay Time	12-60-100-150 sec + OFF			
Isd(A) Short Circuit Protection Of Low Level Faults	2-2.5-3-4-5-6-7-8-10x Ir(A)			
tsd (S) short time	0.06-0.1-0.2-0.3- 0.4-0.5-1.0 sec + OFF			
Ii(A) Short Circuit Protection Of High level Faults	4-5-6-7-8-9-10-11-12 x Ir(A)+ OFF			
Ip(A) Pre Trip Alarm Setting Multiple	0.7-0.75-0.8-0.85-0.9-0.95 1.0 x Ir(A)			
For 4p Ig(A) Ground Fault Pickup Current	0.2-0.3-0.4-0.5-0.6-0.7-0.8-0.9 1.0 x In+ OFF			
For 4p tg(S) Ground Fault Pickup Time	Fixed for 0.4sec			