

Electronic Type With LCD

iSGM6E Moulded Case
Circuit Breaker



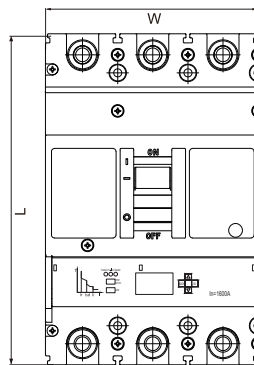
Ratings And Specifications		Electronic Type With LCD	
Frame Size	 1600		
Model	iSGM6E-1600		
Number of poles	3,4		
Rated current(A) In	1000,1250,1600		
Standard	IEC60947-2		
Reference temperature	40°C/55°C		
Rated operational voltage	380/400/415V AC		
Rated insulation voltage Ui (V)	1000		
Rated impluse withstand voltage Uimp (kV)	8		
Selectivity category	B		
Breaking capacity level	M	H	
Rated ultimate short-circuit breaking capacity Icu(kA)	66	85	
Rated service short-circuit breaking capacity Ics(kA)	50	66	
Icu=Ics(kA)	50	66	
Mechanical Endurance Electrical Endurance	2500 500		
Installation	Auxiliary contact(OF) Alarm switch(SD) Shunt tirp(MX) Under-voltage release(MN) AC Motor Mechanism		

Product Dimension Drawing

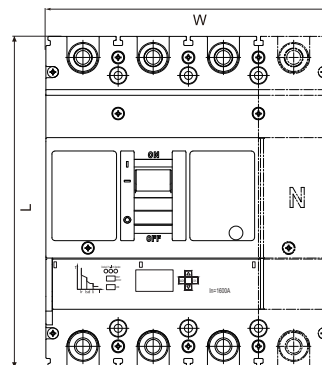
Electronic Type With LCD

iSGM6E

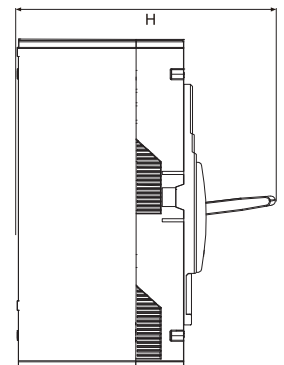
1600 (3P/4P)



3P



4P



SGM6 Dimensions mm(L×W×H)

SGM6 Dimensions mm(L×W×H)		
Frame Size		1600
3P	Length	310
	Width	212
	Height	242
4P	Length	310
	Width	282
	Height	242

Setting Parameters		Electronic Type With LCD		
Frame Size	iSGM6E-1600A			
Rated current In(A)	1000	1250	1600	
Ir(A) Long Delay Current Setting	400-1000A in steps of 1A	500-1250A in steps of 1A	630-1600A in steps of 1A	
tr(S) Long Delay Time	12-150sec in steps of 1 sec+OFF			
Isd(A) Short Circuit Protection Of Low Level Faults	800-10000A in steps of 1A	1000-12500A in steps of 1A	1260-16000A in steps of 1A	
tsd (S) short time	0.06-1sec in steps of 0.01 sec+OFF			
Ii(A) Short Circuit Protection Of High level Faults	1600-12000A in steps of 1A + OFF	2000-15000A in steps of 1A + OFF	2520-19200A in steps of 1A + OFF	
Ip(A) Pre Trip Alarm Setting Multiple	360-900A in steps of 1A	450-1125A in steps of 1A	567-1440A in steps of 1A	
For 4p Ig(A) Ground Fault Pickup Current	200-1000A in steps of 1A + OFF	250-1250A in steps of 1A + OFF	320-1600A in steps of 1A + OFF	
For 4p tg(S) Ground Fault Pickup Time	0.4-1sec in steps of 0.1sec			