

iSGM6E Moulded Case Circuit Breaker



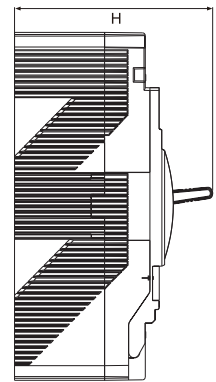
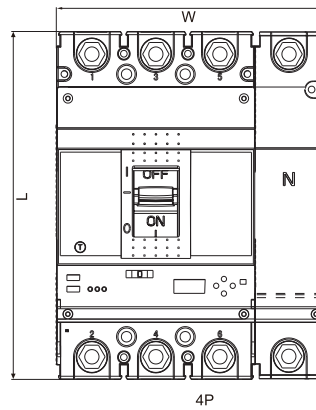
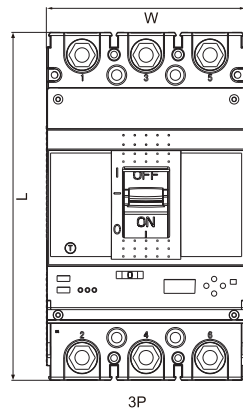
Ratings And Specifications		Electronic Type With LCD	
Frame Size	 800/1000		
Model	iSGM6E-800 iSGM6E-1000		
Number of poles	3,4		
Rated current(A) In	For iSGM6E-800 630,800		
	For iSGM6E-1000 630,800,1000		
Standard	IEC60947-2		
Reference temperature	40°C/55°C		
Rated operational voltage	380/400/415V 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)	85	100	
Rated service short-circuit breaking capacity Ics(kA)	60	75	
Icu=Ics(kA)	60	75	
Mechanical Endurance Electrical Endurance	2500 500		
Installation	Auxiliary contact(OF) Alarm switch(SD) Shunt tirp(MX) Under-voltage release(MN) AC Motor Mechanism Extended Rotary Handle		

Product Dimension Drawing

Electronic Type With LCD

iSGM6E

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



SGM6 Dimensions mm(L×W×H)

Frame Size		800/1000
3P	Length	280
	Width	210
	Height	155
4P	Length	280
	Width	280
	Height	155

Setting Parameters			Electronic Type With LCD		
Frame Size	iSGM6E-800A		iSGM6E-1000A		
Rated current In(A)	630	800	630	800	1000
I _r (A) Long Delay Current Setting	252-630A in steps of 1A	320-800A in steps of 1A	252-630A in steps of 1A	320-800A in steps of 1A	400-1000A in steps of 1A
t _r (S) Long Delay Time	12-150sec in steps of 1 sec+OFF				
I _{sd} (A) Short Circuit Protection Of Low Level Faults	504-7560A in steps of 1A	640-8000A in steps of 1A	504-7560A in steps of 1A	640-8000A in steps of 1A	800-10000A in steps of 1A
t _{sd} (S) short time	0.06-1sec in steps of 0.01 sec+OFF				
I _l (A) Short Circuit Protection Of High level Faults	1008- 8820A in steps of 1A + OFF	1280-9600A in steps of 1A + OFF	1008- 8820A in steps of 1A + OFF	1280-9600A in steps of 1A + OFF	1600-12000A in steps of 1A + OFF
I _p (A) Pre Trip Alarm Setting Multiple	176.4-630A in steps of 1A	224-800A in steps of 1A	176.4-630A in steps of 1A	224-800A in steps of 1A	280-1000A in steps of 1A
For 4p I _g (A) Ground Fault Pickup Current	126-630A in steps of 1A + OFF	160-800A in steps of 1A + OFF	126-630A in steps of 1A + OFF	160-800A in steps of 1A + OFF	200-1000A in steps of 1A + OFF
For 4p t _g (S) Ground Fault Pickup Time	0.4-1sec in steps of 0.1sec				