


Electronic Type With LCD

iSGM6E Moulded Case
Circuit Breaker

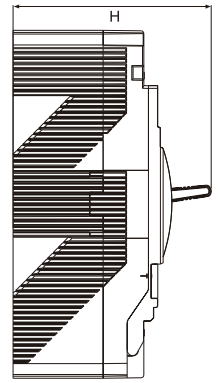
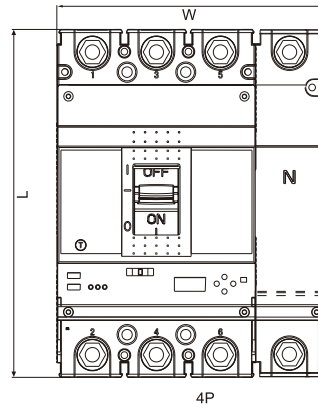
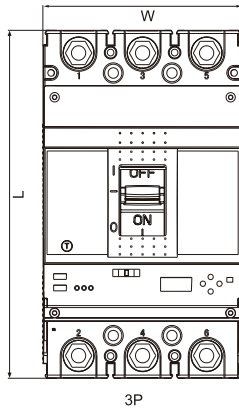


Ratings And Specifications	Electronic Type With LCD	
Frame Size	 800/1000	
Model	iSGM6E-800 iSGM6E-1000	
Number of poles	3,4	
Rated current(A) In	For iSGM6E-800 630,800 For iSGM6E-1000 630,800,1000	
Standard	IEC60947-2	
Reference temperature	40°C/50°C/55°C	
Rated operational voltage	380/400/415V AC	
Rated insulation voltage Ui (V)	1000	
Rated impulse withstand voltage Uimp (kV)	8	
Selectivity category	B	
Rated short-time with stand current (Icw)	10 kA - 1 s	
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	
Accessories	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

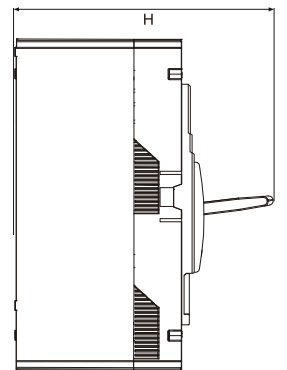
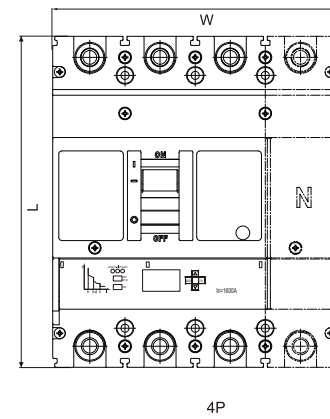
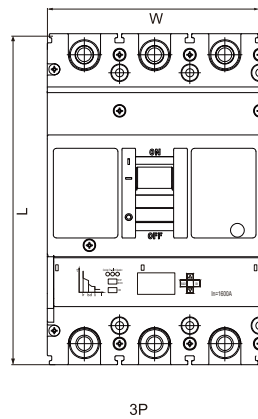
iSGM6E

160,250,400,630,800/1000



iSGM6E

1600



iSGM6E 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				

MCCB With Spreader Link Dimensions

■ Front connection

Note: All dimensions are in mm

SGM6/6s/6sm/6E-800/1000A 3 POLES & 4 POLES

