


Electronic Type With LCD

iSGM6E Moulded Case
Circuit Breaker

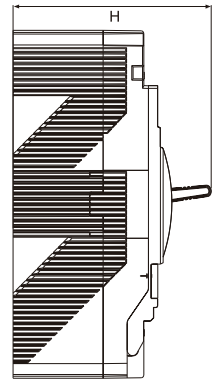
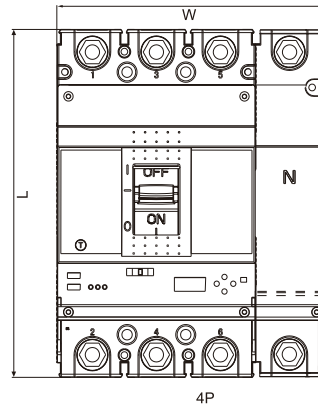
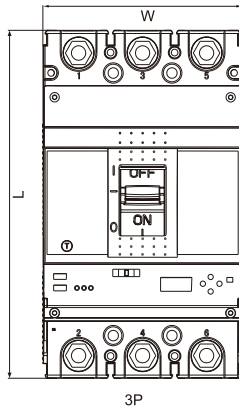


Ratings And Specifications		Electronic Type With LCD		
Frame Size	 250			
Model	iSGM6E-250			
Number of poles	3,4			
Rated current(A) In	125,160,200,250			
Standard	IEC60947-2			
Reference temperature	40°C/50°C/55°C			
Rated operational voltage	380/400/415V AC			
Rated insulation voltage Ui (V)	1000			
Rated impulse withstand voltage Uimp (kV)	8			
Selectivity category	A			
Rated short-time with stand current (Icw)				
Breaking capacity level	L	M	H	
Rated ultimate short-circuit breaking capacity Icu(kA)	36	50	65	
Rated service short-circuit breaking capacity Ics(kA)	25	36	50	
Icu=Ics(kA)	25	36	50	
Mechanical Endurance Electrical Endurance	7000 1000			
Accessories	Auxiliary contact(OF) Alarm switch(SD) Shunt trip(MX) Under-voltage release(MN) AC Motor Mechanism Extended Rotary Handle			

Product Dimension Drawing Electronic Type With LCD

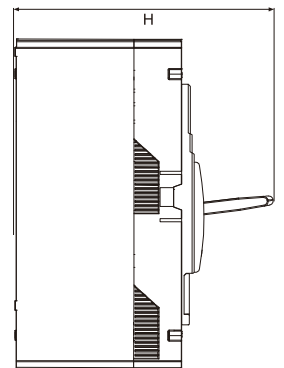
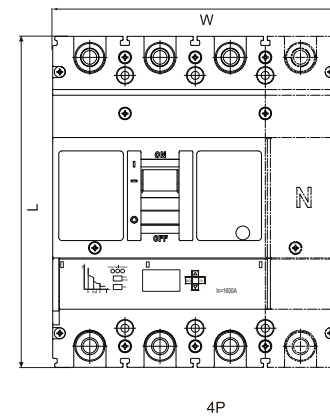
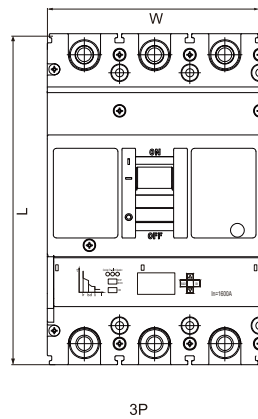
iSGM6E

160,250,400,630,800/1000



iSGM6E

1600



iSGM6E Dimensions mm(L×W×H)

Frame Size		250
3P	Length	165
	Width	107
	Height	100.5
4P	Length	165
	Width	142
	Height	100.5

Setting Parameters

Electronic Type With LCD

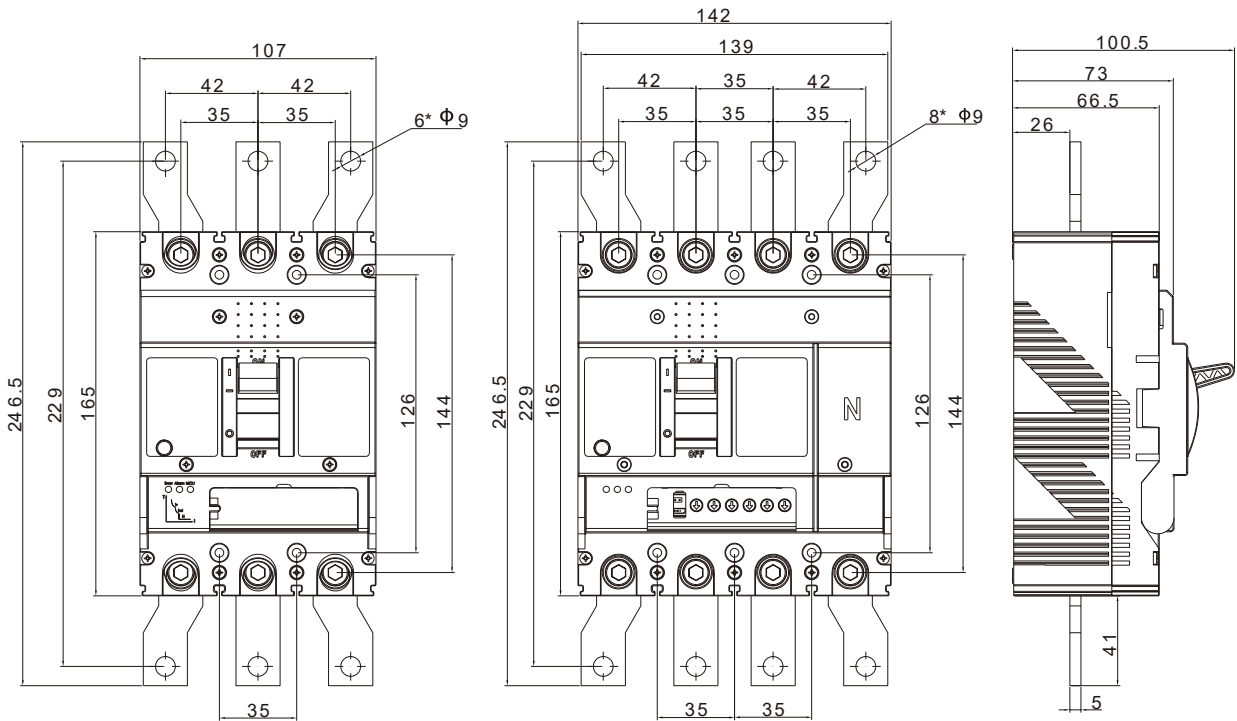
Frame Size	iSGM6E-250A			
Rated current In(A)	125	160	200	250
Ir(A) Long Delay Current Setting	50-125A in steps of 1A	63-160A in steps of 1A	80-200A in steps of 1A	100-250A in steps of 1A
tr(S) Long Delay Time	12-150sec in steps of 1 sec+OFF			
Isd(A) Short Circuit Protection Of Low Level Faults	100-1500A in steps of 1A	126-1920A in steps of 1A	160-2400A in steps of 1A	200-3000A 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	200-1750A in steps of 1A + OFF	252-2240A in steps of 1A + OFF	320-2800A in steps of 1A + OFF	400-3500A in steps of 1A + OFF
Ip(A) Pre Trip Alarm Setting Multiple	35-125A in steps of 1A	44.1-160A in steps of 1A	56-200A in steps of 1A	70-250A in steps of 1A
For 4p I _g (A) Ground Fault Pickup Current	25-125A in steps of 1A + OFF	32-160A in steps of 1A + OFF	40-200A in steps of 1A + OFF	50-250A 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-250A 3 POLES & 4 POLES



SGM6/6s/6sm-250A(H⁺) 3 POLES & 4 POLES

