


Electronic Type With LCD

iSGM6E Moulded Case
Circuit Breaker

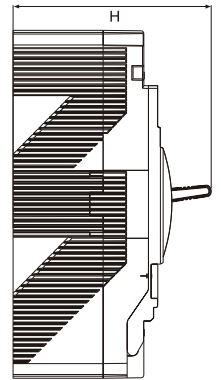
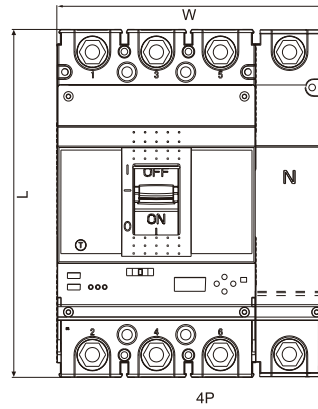
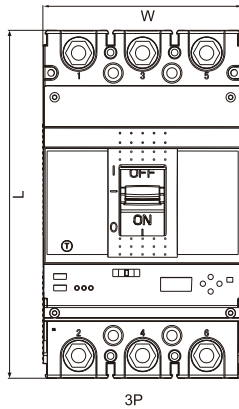


Ratings And Specifications		Electronic Type With LCD	
Frame Size	 630		
Model	ISGM6E-630		
Number of poles	3,4		
Rated current(A) In	250,300,315,320 400,500,630		
Standard	IEC60947-2		
Reference temperature	40°C/50°C/55°C		
Rated operational voltage	380/400/415V AC		
Rated insulation voltage Ui (V)	1000		
Rated impulse withstand voltage Uimp (kV)	8		
Selectivity category	B		
Rated short-time with stand current (Icw)	8 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	4000 1000		
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

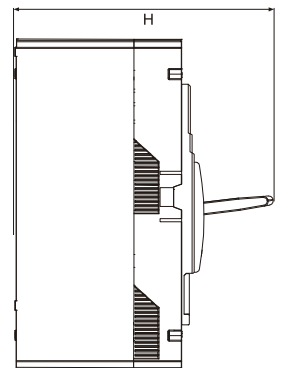
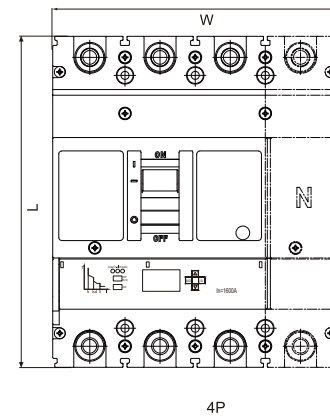
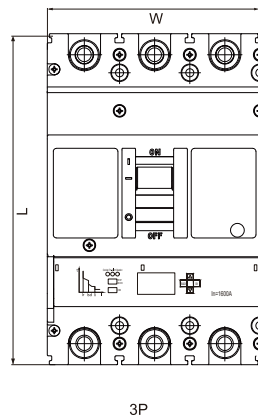
iSGM6E

160,250,400,630,800/1000



iSGM6E

1600



iSGM6E Dimensions mm(L×W×H)

Frame Size		630
3P	Length	257
	Width	150
	Height	152
4P	Length	257
	Width	197
	Height	152

Setting Parameters

Electronic Type With LCD

Frame Size	iSGM6E-630A							
Rated current In(A)	250	300	315	320	400	500	600	630
I _r (A) Long Delay Current Setting	100-250A in steps of 1A	120-300A in steps of 1A	126-315A in steps of 1A	128-320A in steps of 1A	160-400A in steps of 1A	200-500A in steps of 1A	240-600A in steps of 1A	252-630A 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	200-3000A in steps of 1A	240-3600A in steps of 1A	252-3780A in steps of 1A	256-3840A in steps of 1A	320-4800A in steps of 1A	400-6000A in steps of 1A	480-7200A in steps of 1A	504-7560A 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	400-3500A in steps of 1A + OFF	480-4200A in steps of 1A + OFF	504-4410A in steps of 1A + OFF	512-4480A in steps of 1A + OFF	640-5600A in steps of 1A + OFF	800-7000A in steps of 1A + OFF	960-8400A in steps of 1A + OFF	1008- 8820A in steps of 1A + OFF
I _p (A) Pre Trip Alarm Setting Multiple	70-250A in steps of 1A	84-300A in steps of 1A	88.2-315A in steps of 1A	89.6-320A in steps of 1A	112-400A in steps of 1A	140-500A in steps of 1A	168-600A in steps of 1A	176.4-630A in steps of 1A
For 4p I _g (A) Ground Fault Pickup Current	50-250A in steps of 1A + OFF	60-300A in steps of 1A + OFF	63-315A in steps of 1A + OFF	64-320A in steps of 1A + OFF	80-400A in steps of 1A + OFF	100-500A in steps of 1A + OFF	120-600A in steps of 1A + OFF	126-630A in steps of 1A + OFF
For 4p t _g (S) Ground Fault Pickup Time	0.4-1sec in steps of 0.1sec							

