


Electronic Type With LCD

iSGM6E Moulded Case
Circuit Breaker

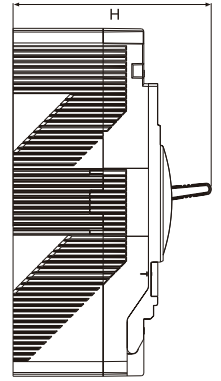
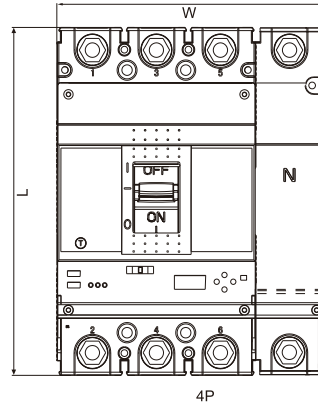
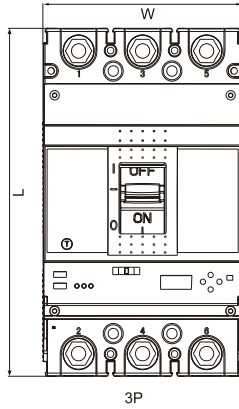


Ratings And Specifications	Electronic Type With LCD	
Frame Size	 1600	
Model	iSGM6E-1600	
Number of poles	3,4	
Rated current(A) In	1000,1250,1600	
Standard	IEC60947-2	
Reference temperature	40°C/50°C/55°C	
Rated operational voltage	380/400/415V AC	
Rated insulation voltage Ui (V)	1000	
Rated impulse withstand voltage Uimp (kV)	8	
Selectivity category	B	
Rated short-time with stand current (Icw)	20 kA - 1 s	
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	
Accessories	Auxiliary contact(OF) Alarm switch(SD) Shunt tirp(MX) Under-voltage release(MN) AC Motor Mechanism	

Product Dimension Drawing Electronic Type With LCD

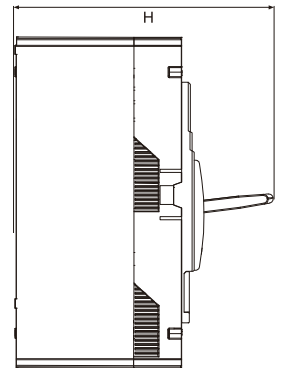
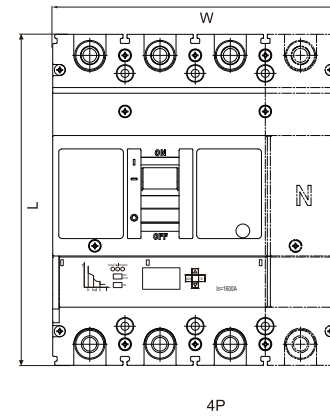
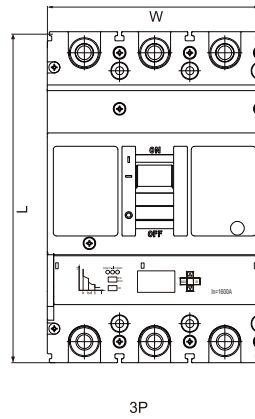
iSGM6E

160,250,400,630,800/1000



iSGM6E

1600



iSGM6E 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 I _g (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 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-1600A 3 POLES & 4 POLES

