



SGM3E-250M



SGM3E-400M

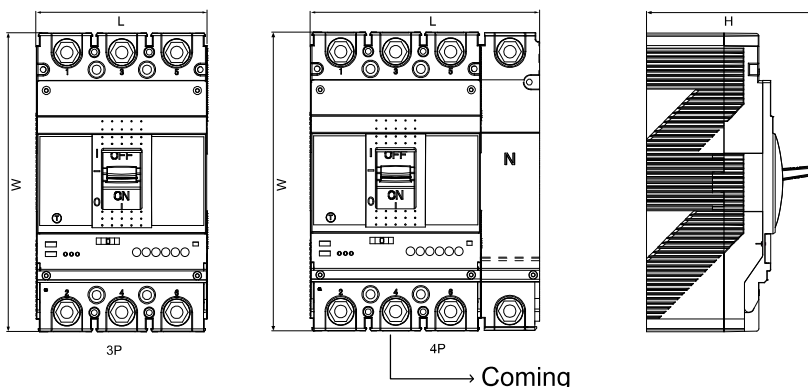
SGM3E Moulded Case  
Circuit Breaker

## ELECTRONIC TYPE

Frame Size	160	250	400			
Model	SGM3E-160	SGM3E-250	SGM3E-400			
Number of poles	3	3	3			
Rated Current(A) In	16,20,25,32,35, 40,45,50,55,60, 65,75,85,90,95, 100,125,160	100,125,140, 160,180,200, 225,250	200,225,250, 280,315,350, 400			
Standard	IEC60947-2					
Reference temperature	40°C/55°C					
Rated insulation voltage Ui (V)	800					
Rated impulse withstand voltage Uimp (kV)	8					
Breaking capacity level	L	M	L	M	M	H
Rated ultimate short-circuit breaking capacity Icu(kA)	35	50	35	50	65	85
Rated service short-circuit breaking capacity Ics(kA)	22	35	22	35	42	60
Mechanical Endurance	8500	7000	4000			
Electrical Endurance	1500	1000	1000			
Electronic Button Display	■	■	■			
Installation						
Front connection(FC)	■	■	■			
Straight extension bars(FB)	■	■	■			
Spread extension bars(FB)	■	■	■			
Cable clamps	■	■	■			
Rear connection(RC)	■	■	■			
Phase barrier	■	■	■			
Dimensions mm(L x W x H)	3P 92x150x103	107x165x110	150x257x146.5			

“■” shows it has this option;

“-” means it has no this option.



SGM3E Moulded Case  
Circuit Breaker

***ELECTRONIC TYPE***



SGM3E-630M

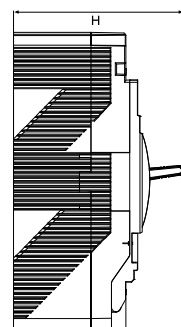
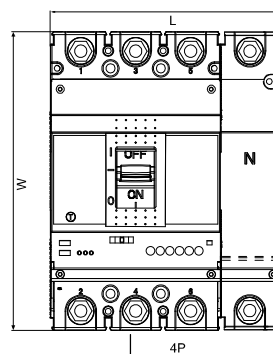
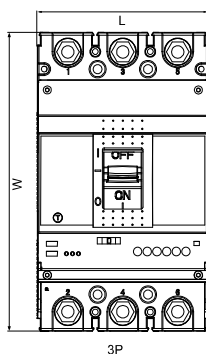


SGM3E-800M

Frame Size	630	800	1250			
Model	SGM3E-630	SGM3E-800	SGM3E-1250			
Number of poles	3	3	3			
Rated Current(A) In	400,420,440, 460,480,500, 530,560,600, 630	630,640,660, 680,700,720, 740,760,780, 800	800,850,900, 950,1000, 1050,1100, 1250			
Standard	IEC60947-2					
Reference temperature	40°C/55°C					
Rated insulation voltage Ui (V)	800					
Rated impulse withstand voltage Uimp (kV)	8					
Breaking capacity level	M	H	M	H	M	H
Rated ultimate short-circuit breaking capacity Icu(kA)	65	85	65	85	65	85
Rated service short-circuit breaking capacity Ics(kA)	42	60	42	60	42	60
Mechanical Endurance	4000		2500		2500	
Electrical Endurance	1000		500		500	
Electronic Button Display	■		■		■	
Installation						
Front connection(FC)	■		■		■	
Straight extension bars(FB)	■		■		■	
Spread extension bars(FB)	■		■		■	
Cable clamps	■		■		■	
Rear connection(RC)	■		■		■	
Phase barrier	■		■		■	
Dimensions mm(L x W x H)	3P	150x257x146.5	209x281x154	210x330x191		

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“-” means it has no this option.



→ Coming

iSGM3E Moulded Case  
Circuit Breaker

**ELECTRONIC TYPE**



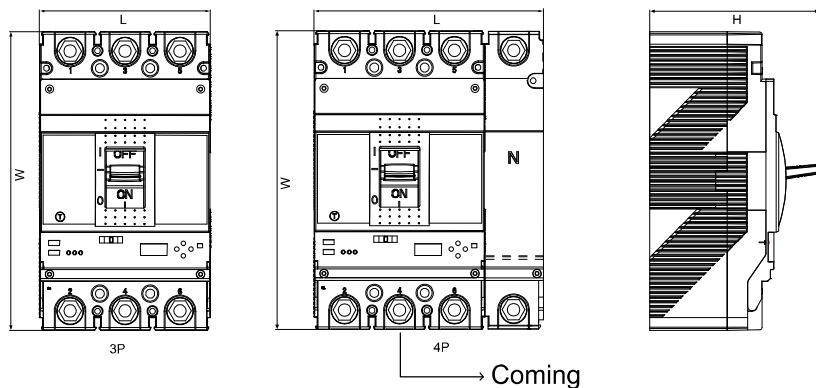
iSGM3E-400M

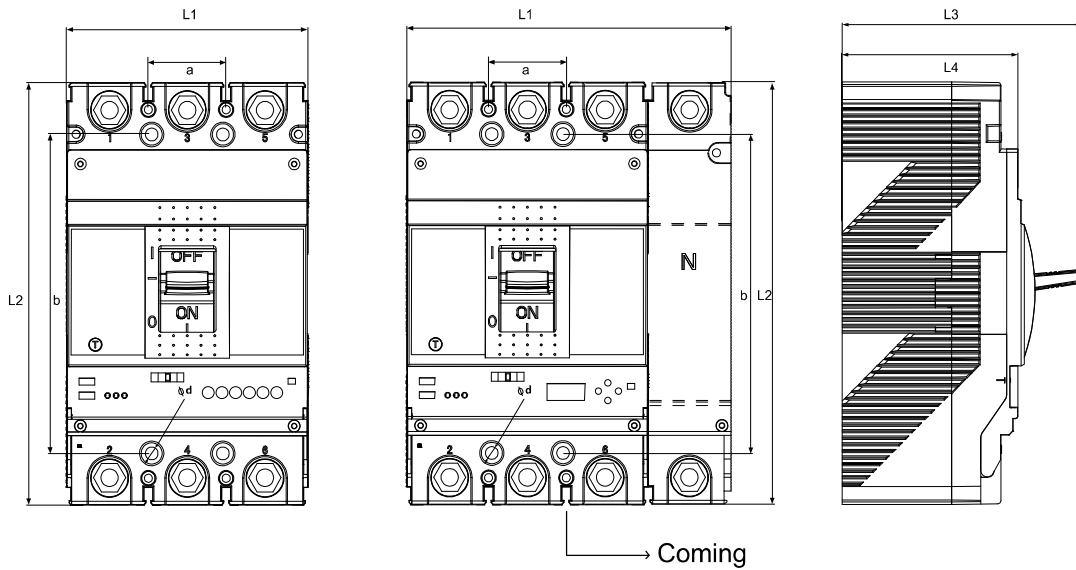


iSGM3E-800M

Frame Size	400	630	800			
Model	iSGM3E-400	iSGM3E-630	iSGM3E-800			
Number of poles	3	3	3			
Rated Current(A) In	200,225,250, 280,315,350, 400	400,420,440, 460,480,500, 530,560,600, 630	630,640,660, 680,700,720, 740,760,780, 800			
Standard	IEC60947-2					
Reference temperature	40°C/55°C					
Rated insulation voltage Ui (V)	800					
Rated impulse withstand voltage Uimp (kV)	8					
Breaking capacity level	M	H	M	H	M	H
Rated ultimate short-circuit breaking capacity Icu(kA)	65	85	65	85	65	85
Rated service short-circuit breaking capacity Ics(kA)	42	60	42	60	42	60
Mechanical Endurance	4000	4000	2500			
Electrical Endurance	1000	1000	500			
Electronic LCD Display	■	■	■			
Installation						
Front connection(FC)	■	■	■			
Straight extension bars(FB)	■	■	■			
Spread extension bars(FB)	■	■	■			
Cable clamps	■	■	■			
Rear connection(RC)	■	■	■			
Phase barrier	■	■	■			
Dimensions mm(L x W x H)	3P 150x257x146.5	150x257x146.5	209x281x154			

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Applicable frame size	Poles	Outline Dimension				Installation Dimension		
		L1	L2	L3	L4	a	b	d
SGM3E-160	3	92max	150max	103max	87max	30max	129max	Ø4.5
SGM3E-250	3	107max	165max	110max	90max	35max	126max	Ø4.5
SGM3E-400 iSGM3E-400	3	150max	257max	146.5max	111max	48max	194max	Ø7.0
SGM3E-630 iSGM3E-630	3	150max	257max	146.5max	111max	48max	194max	Ø7.0
SGM3E-800 iSGM3E-800	3	210max	281max	154max	121max	70max	243max	Ø7.0
SGM3E-1250	3	210max	340max	182max	139max	70max	303max	Ø7.0