


# MCCB With ELCB Type

SGM6L Moulded Case  
Circuit Breaker



Ratings And Specifications		MCCB With ELCB Type
Frame Size	 160	
Model	SGM6L-160	
Number of poles	4P/3P+N	
Rated current(A) In	63,70,80,100 125,140,160	
Standard	IEC60947-2	
Rated insulation voltage Ui (V)	1000	
Rated impulse withstand voltage Uimp (kV)	8	
Breaking capacity level	L	M
Rated ultimate short-circuit breaking capacity Icu(kA)	36	50
Rated service short-circuit breaking capacity Ics(kA)	25	36
Mechanical Endurance Electrical Endurance	for 100A	for 125-250A
	8500 1500	7000 1000
Rated residual operating current I $\Delta$ n(mA)		
Without time delay	30/100/500/100/300/500	
With time delay	100/300/500	
Rated residual non-operating current	1/2 I $\Delta$ n	
Breaking time at a residual current	2I $\Delta$ n	
Without time delay	0.15	
With time delay	0.4/1	
Selectivity category	A*	
Installation	Straight extension bars(FB) Spread extension bars(FB) Rear connection(RC) Phase barrier	

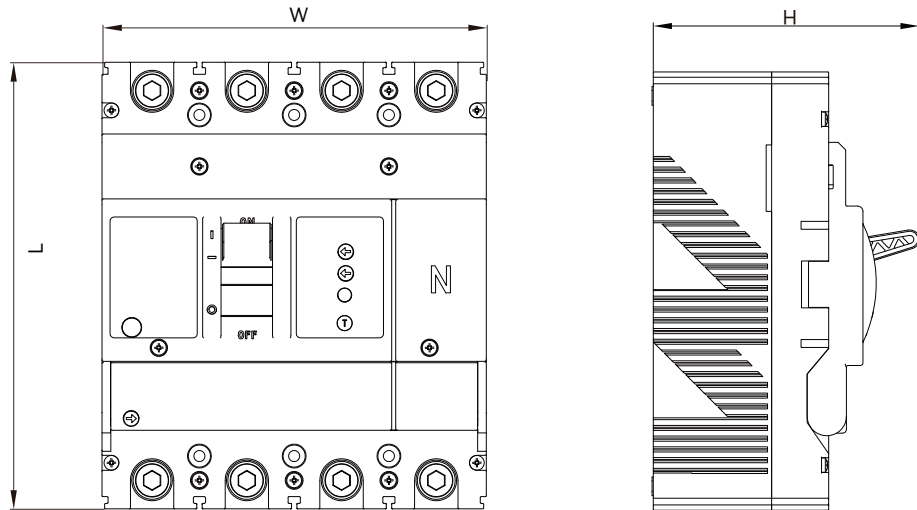
A\* type means neutral line only with isolation function;

# Product Dimension Drawing

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**SGM6L**

125,160,250,400,630



**SGM6L Dimensions mm(L×W×H)**

Frame Size		125	160	250	400	630
4P/3P+N	Length	133	155	165	267	267
	Width	75	122	142	198	198
	Height	81	98.3	105	152	152