

Thermal Adjustable Type

SGM6s Moulded Case
Circuit Breaker



► DEKRA

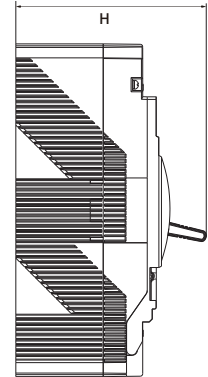
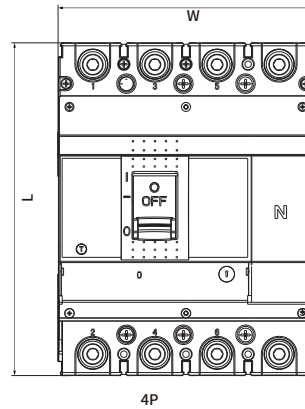
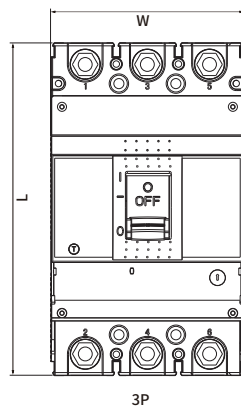
Ratings And Specifications		Thermal Adjustable Type	
Frame Size	 125		
Model	SGM6s-125		
Number of poles	3,4		
Rated current(A) In	16,20,25,30, 32,40,50,60,63, 70,75,80,90,100, 125		
Magnetic tripping current (Ii)	10*In for 32 – 125 A 320 A for 16 – 30 A		
Thermo-adjustable setting Ir(xIn)	0.8/0.9/1.0 or 0.7/0.85/1.0		
Standard	IEC60947-2		
Reference temperature	40°C/55°C		
Rated operational voltage	380/400/415V AC		
Rated insulation voltage Ui (V)	800		
Rated impluse withstand voltage Uimp (kV)	8		
Breaking capacity level	M	H	
Rated ultimate short-circuit breaking capacity Icu(kA)	25	36	
Rated service short-circuit breaking capacity Ics(kA)	18	25	
Icu=Ics(kA)	18	25	
Mechanical Endurance Electrical Endurance	for 16-100A		for 125A
	8500 1500	7000 1000	
Installation	Auxiliary contact(OF) Alarm switch(SD) Shunt tirp(MX) Under-voltage release(MN) AC Motor Mechanism Extended Rotary Handle		

Product Dimension Drawing

Thermal Adjustable Type

SGM6s

125,160,250,400,
630,800,1000 (3P/4P)

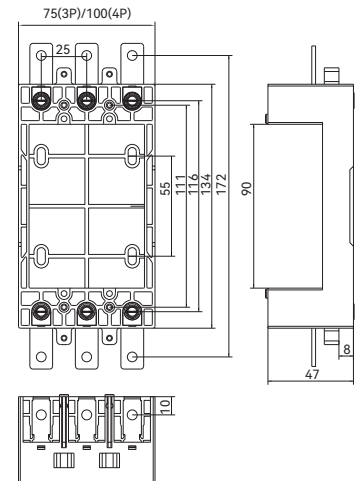
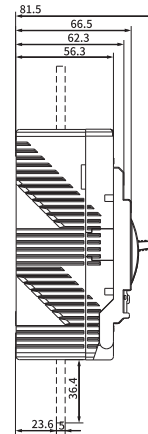
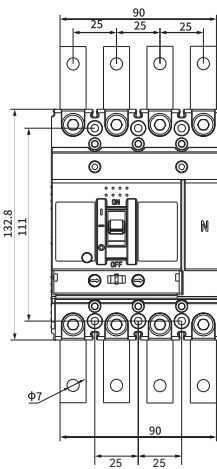
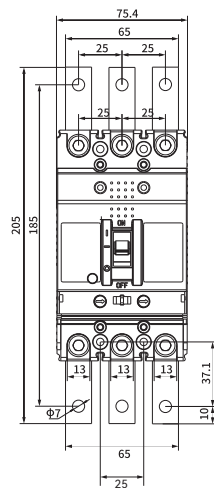


■ Front connection

Note: All dimensions are in mm

■ Front connection(mm)

Note: All dimensions are in mm



SGM6/6S

125 (3P/4P)

SGM6 Dimensions mm(L×W×H)

Frame Size		125			
3P	Length	133	4P	Length	133
	Width	75		Width	100
	Height	81		Height	81