

Thermal Adjustable Type

SGM6s Moulded Case
Circuit Breaker



► DEKRA

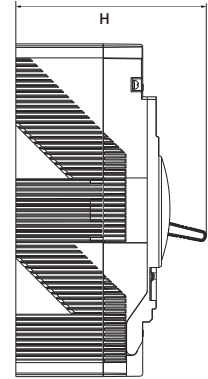
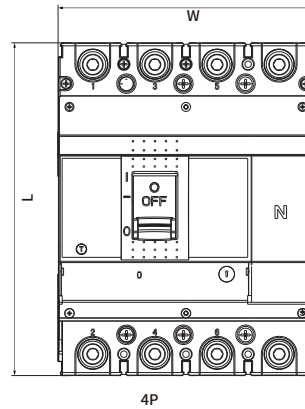
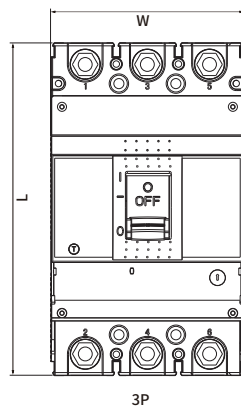
Ratings And Specifications			Thermal Adjustable Type	
Frame Size	 160			
Model	SGM6s-160			
Number of poles	3,4			
Rated current(A) In	30,32,40,50,63 70,75,80,100, 125,140,150,160			
Magnetic tripping current (Ii)	10*In			
Thermo-adjustable setting Ir(xIn)	0.8/0.9/1.0 or 0.7/0.85/1.0			
Standard	IEC60947-2			
Reference temperature	40°C/55°C			
Rated operational voltage	380/400/415V AC			
Rated insulation voltage Ui (V)	1000			
Rated impluse withstand voltage Uimp (kV)	8			
Breaking capacity level	L	M	H	H max
Rated ultimate short-circuit breaking capacity Icu(kA)	36	50	65	85
Rated service short-circuit breaking capacity Ics(kA)	25	36	50	66
Icu=Ics(kA)	25	36	50	66
Mechanical Endurance Electrical Endurance	for 30-100A		for 125-160A	
	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

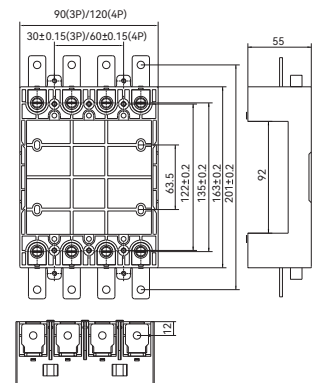
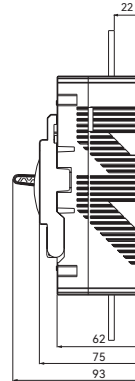
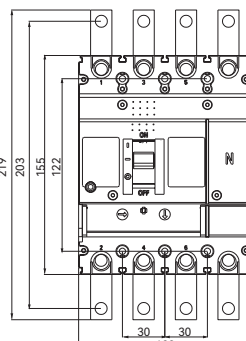
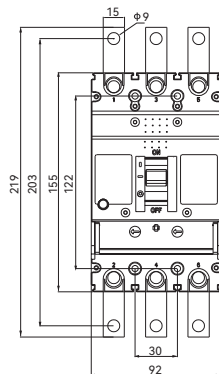
Note: All dimensions are in mm

■ Front connection(mm)

Note: All dimensions are in mm

SGM6/6S/6SM

160 (3P/4P)



SGM6 Dimensions mm(L×W×H)

Frame Size		160	160 (H max)	Frame Size		160	160 (H max)
3P	Length	155	155	4P	Length	155	155
	Width	92	92		Width	122	122
	Height	92	99		Height	92	99