

Thermal & Magnetic Adjustable Type

SGM6sm Moulded Case
Circuit Breaker



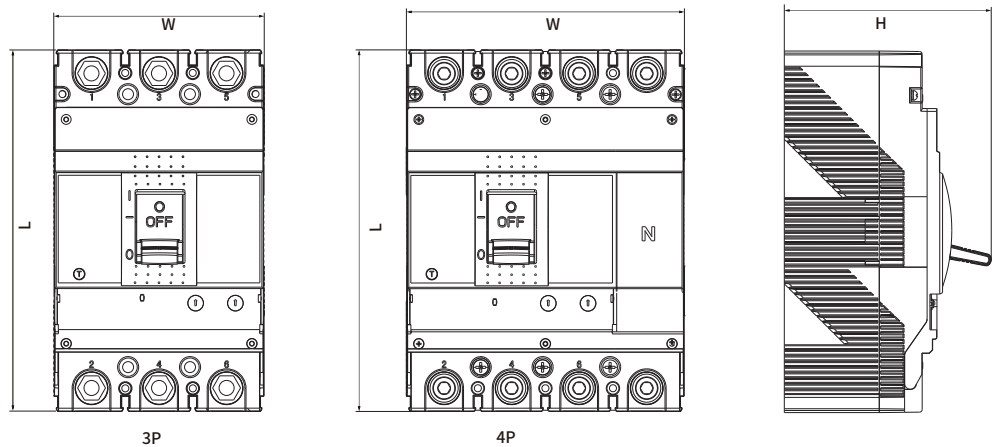
DEKRA

Ratings And Specifications Thermal & Magnetic Adjustable Type		
Frame Size	 800/1000	
Model	SGM6sm-800 SGM6sm-1000	
Number of poles	3,4	
Rated current(A) In	For SGM6sm-800 630,700,770,800	
	For SGM6sm-1000 630,700,770,800,1000	
Magnetic tripping current (Ii)	10*In	
Thermo-adjustable setting Ir(xIn)	0.8/0.9/1.0	
Magnetic-adjustable setting Ii(xIn)	6-8-10	
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 impluse withstand voltage Uimp (kV)	8	
Breaking capacity level	M	H
Rated ultimate short-circuit breaking capacity Icu(kA)	85	100
Rated service short-circuit breaking capacity Ics(kA)	60	75
Icu=Ics(kA)	60	75
Mechanical Endurance Electrical Endurance	2500 500	
Installation	Auxiliary contact(OF) Alarm switch(SD) Shunt tirp(MX) Under-voltage release(MN) AC Motor Mechanism Fixed magnetic trip	

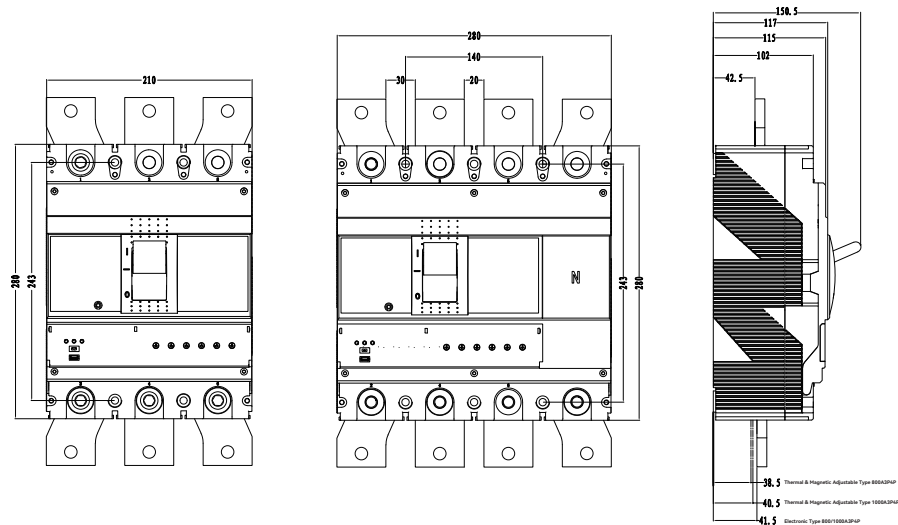
Product Dimension Drawing

Thermal Magnetic Adjustable Type

SGM6sm
 160,250,400,630
 800/1000 (3P/4P)



SGM6/6S/6SM/6E
 800/1000 (3P/4P)



SGM6 Dimensions mm(L×W×H)							
Frame Size		800/1000					
3P	Length	280		4P	Length	280	
	Width	210			Width	280	
	Height	155			Height	155	