

Thermal & Magnetic Adjustable Type

SGM6sm Moulded Case
Circuit Breaker



DEKRA

Ratings And Specifications

Thermal & Magnetic Adjustable Type

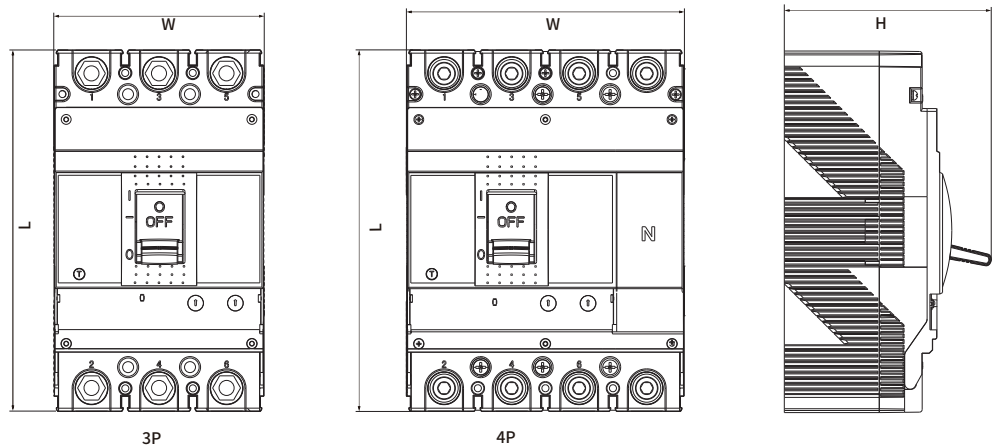
Frame Size	 630		
Model	SGM6sm-630		
Number of poles	3,4		
Rated current(A) In	500,550,630		
Magnetic tripping current (li)	10*In		
Thermo-adjustable setting Ir(xIn)	0.8/0.9/1.0		
Magnetic-adjustable setting li(xIn)	6-8-10		
Standard	IEC60947-2		
Reference temperature	40°C/50°C/55°C		
Rated operational voltage	380/400/415V AC		
Rated insulation voltage Ui (V)	1000		
Rated impluse withstand voltage Uimp (kV)	8		
Breaking capacity level	L	M	H
Rated ultimate short-circuit breaking capacity Icu(kA)	50	85	100
Rated service short-circuit breaking capacity Ics(kA)	50	60	75
Icu=Ics(kA)	50	60	75
Mechanical Endurance Electrical Endurance	4000 1000		
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)



■ Front connection

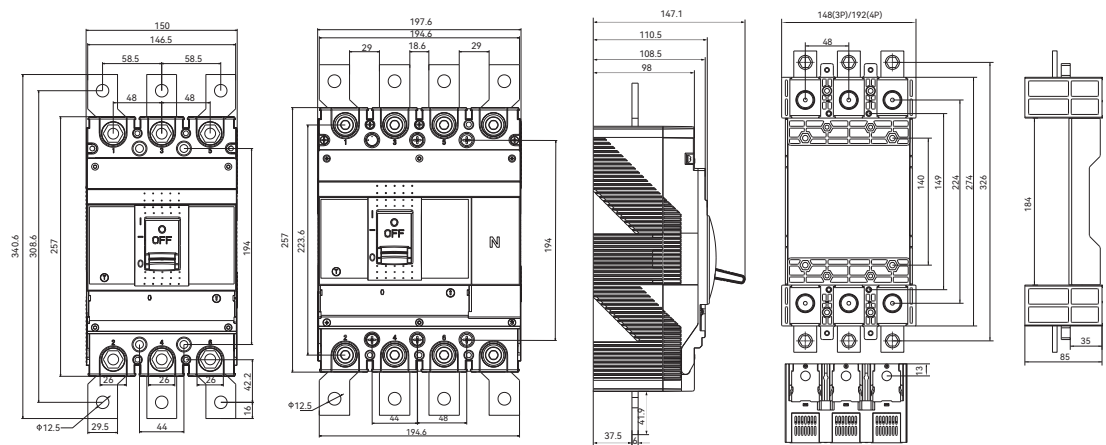
Note:All dimensions are in mm

■ Front connection(mm)

Note:All dimensions are in mm

SGM6/6S/6SM/6E

630 (3P/4P)



SGM6 Dimensions mm(L×W×H)						
Frame Size		630				
3P	Length	257		4P	Length	257
	Width	150			Width	197
	Height	148			Height	148