

MAXGE

MCCB

Moulded Case Circuit Breaker



KEMA
EUR

DEKRA

Product category	SGM series Moulded Case Circuit Breaker				
Design code	6				
Type code	Fixed Type (I)	Thermal Adjustable Type (s)	Thermal & Magnetic Adjustable Type (sm)	Electronic Type with Knobs (E) Electronic Type with LCD (i)	With ELCB Type (L)
Design code	125A,160A,250A,400A,630A,800A/1000A,1600A				
Breaking capacity level	C*,L,M,H,H max				
Pole	3P,4P				
Rated current	16-1600A				

e.g.	:	SGM	6	s	-	125	M	/	3P	125A
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Fixed Type

SGM6 Moulded Case Circuit Breaker

**KEMA
EUR**

DEKRA

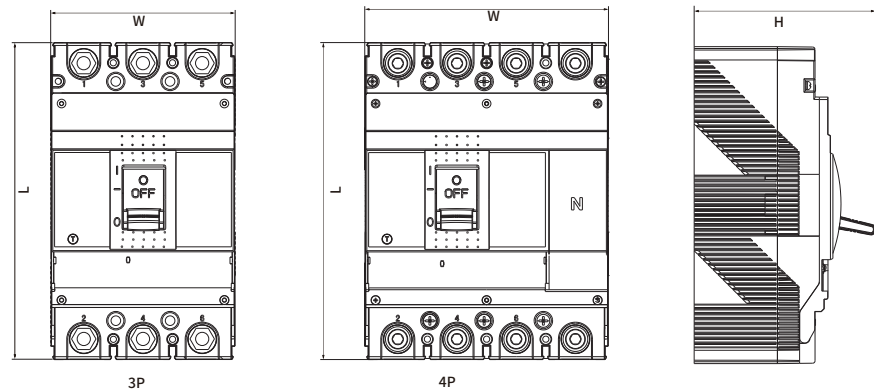
Ratings And Specifications		Fixed Type
Frame Size	 630	
Model	SGM6-630	
Number of poles	3,4	
Rated current(A) In	500,550,630	
Magnetic tripping current (li)	10*In	
Standard	IEC60947-2	
Reference temperature	40°C/55°C	
Rated operational voltage	380/400/415V AC	
Rated insulation voltage Ui (V)	1000	
Rated impluse withstand voltage Uimp (kV)	8	
Breaking capacity level	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	4000 1000	
Installation	Auxiliary contact(OF) Alarm switch(SD) Shunt tirp(MX) Under-voltage release(MN) AC Motor Mechanism Extended Rotary Handle	

Product Dimension Drawing

Fixed Type

SGM6

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



Front connection

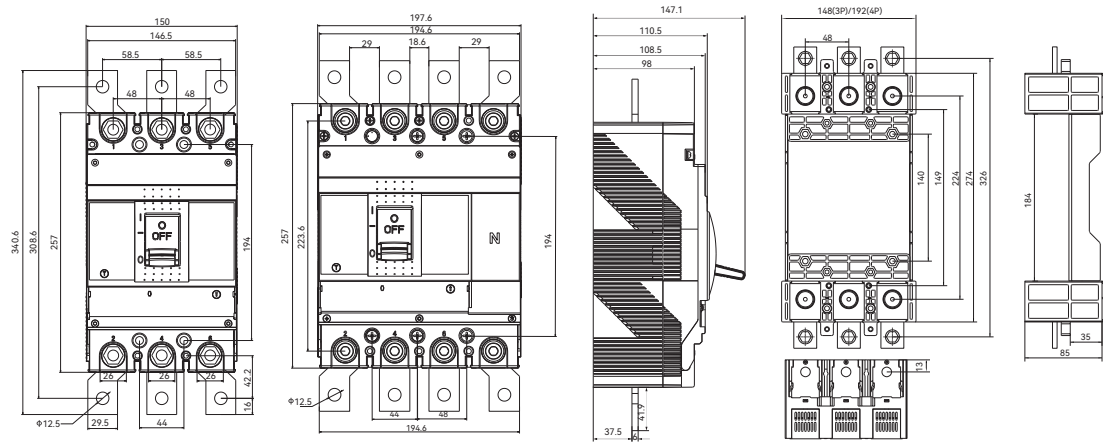
Note:All dimensions are in mm

Front connection(mm)

Note:All dimensions are in mm

SGM6/6S/6SM/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