

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

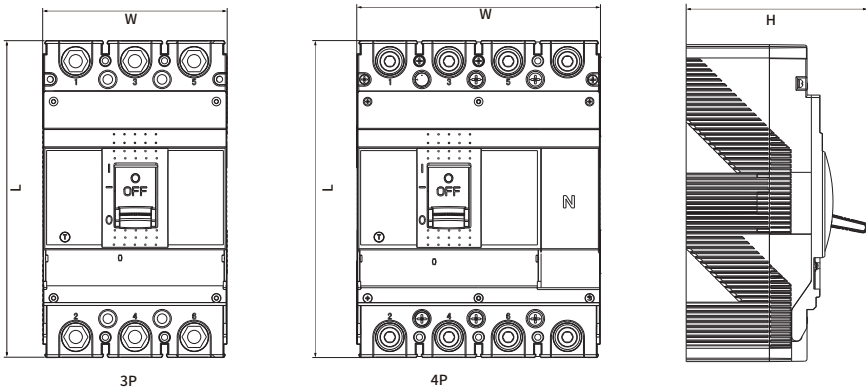
Ratings And Specifications				Fixed Type	
Frame Size	 250				
Model	SGM6-250				
Number of poles	3,4				
Rated current(A) In	100,125,140,150, 160,175,180,200, 225,250				
Magnetic tripping current (li)	10*In				
Standard	IEC60947-2				
Reference temperature	40°C/55°C				
Rated operational voltage	380/400/415V AC				
Rated insulation voltage Ui (V)	1000				
Rated impluse withstand voltage Uimp (kV)	8				
Breaking capacity level	C*	L	M	H	Hmax
Rated ultimate short-circuit breaking capacity Icu(kA)	25	36	50	65	85
Rated service short-circuit breaking capacity Ics(kA)	25	25	36	50	66
Icu=Ics(KA)	25	25	36	50	66
Mechanical Endurance Electrical Endurance	for 100A			for 125-250A	
	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

Fixed Type

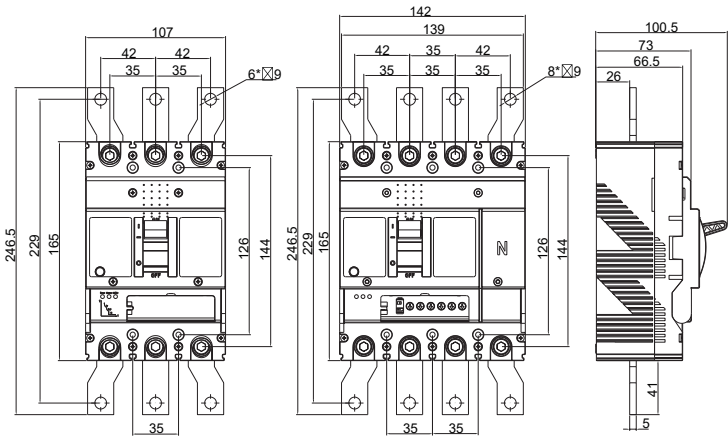
SGM6

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



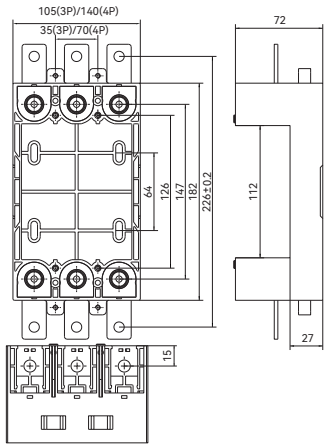
■ Front connection

Note:All dimensions are in mm



■ Front connection(mm)

Note:All dimensions are in mm



SGM6/6S/6SM/6E

250 (3P/4P)

SGM6 Dimensions mm(L×W×H)					
Frame Size		250	250 (H max)	Frame Size	
3P	Length	165	165	4P	Length
	Width	107	105		Width
	Height	100	108		Height
		250	250 (H max)		
3P	Length	165	165	4P	Length
	Width	107	105		Width
	Height	100	108		Height