

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

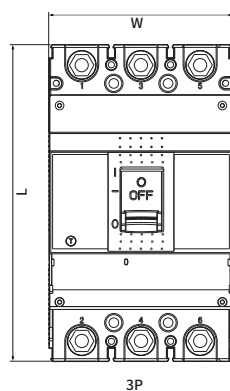
Ratings And Specifications		Fixed Type	
Frame Size	 400		
Model	SGM6-400		
Number of poles	3,4		
Rated current(A) In	250,280,300,315,320 350,400		
Magnetic tripping current (li)	10*In		
Standard	IEC60947-2		
Reference temperature	40°C/55°C		
Rated operational voltage	380/400/415V AC		
Rated insulation voltage Ui (V)	1000		
Rated impluse withstand voltage Uimp (kV)			
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	for 250-315A		for 350-400A
	7000 1000		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

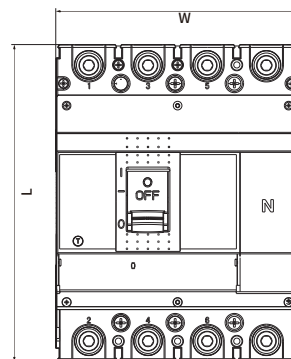
Fixed Type

SGM6

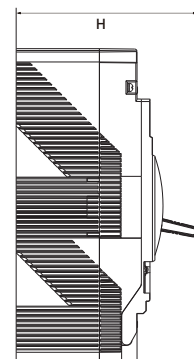
125,160,250,400,
630,800/1000 (3P/4P)



3P

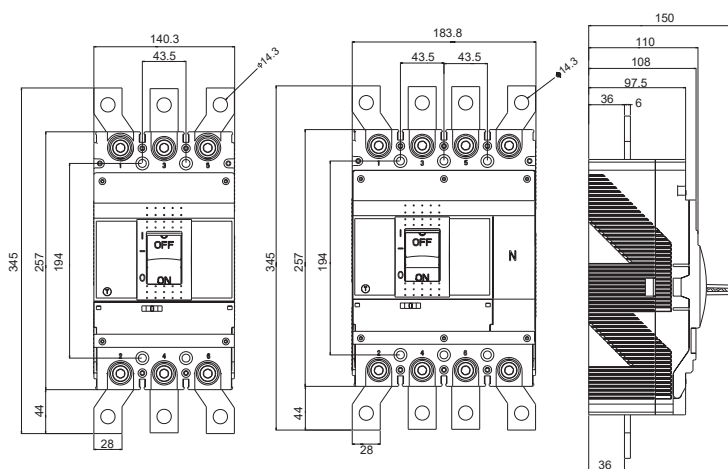


4P



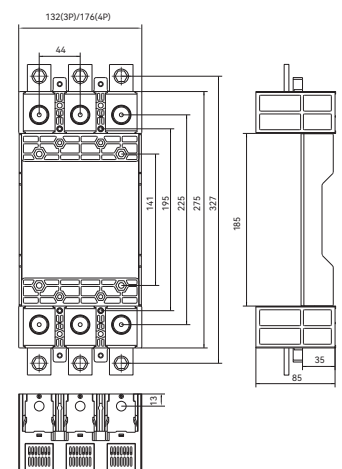
Front connection

Note:All dimensions are in mm



Front connection(mm)

Note:All dimensions are in mm



SGM6/6S/6SM

400 (3P/4P)

SGM6 Dimensions mm(L×W×H)

Frame Size		400			
3P	Length	257	4P	Length	257
	Width	140		Width	197
	Height	148		Height	148