

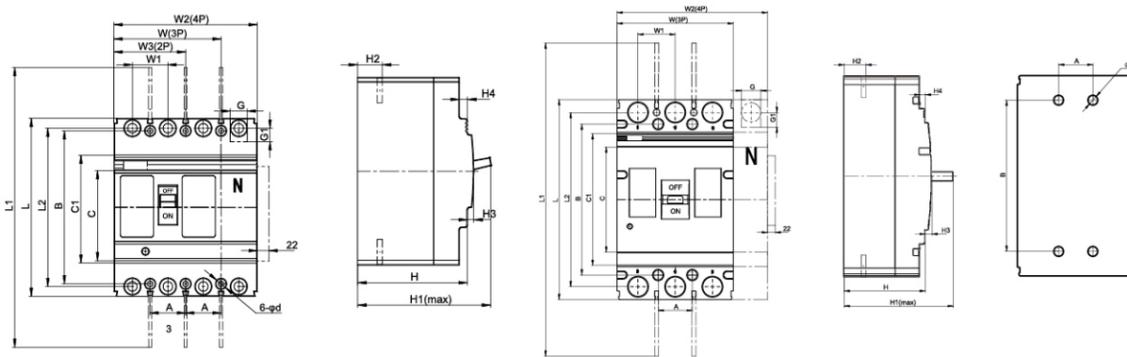
## MODEL AND SIGNIFICANCE

S	M8	-	250	H	4	250	415
Enterprise code	Design Number		Rated Voltage	High Voltage	Pole	Rated Current	Rated Operational Voltage

## GENERAL PARAMETERS

- Small size, high breaking capacity, short arc distance, and vibration resistance
- The circuit breaker has overload, short circuit, and undervoltage protection functions, which can protect the circuit and power equipment from damage
- Unique mold design, the shell is only owned by our company

## DIMENSIONS (MM)



## INSTALLATION PRECAUTIONS

- In a medium without explosion risk and free of gases and dust(including conductive dust) sufficient to corrode metal and destroy insulation
- In the condition with no snow erosion
- It can be installed horizontally and vertically
- The magnetic field of the installation position shall not exceed 5 times the geomagnetic field in any direction;
- It should not be installed in flammable and explosive places
- There should be no significant impact and vibration at the installation place

## AC MCCB

- SM8-63/400VAC/3P
- SM8-125/415VAC/2P
- SM8-250/690VAC/4P



## ELECTRICAL PARAMETERS

Product Model	SM8-63	SM8-125	SM8-250	SM8-400	SM8-630	SM8-800	SM8-1600
Pole	3,4	2,3,4	2,3,4	2,3,4	3,4	3,4	3,4
Rated Operational Voltage/Ue(V)	AC400V	AC415V AC690V	AC415V AC690V	AC415V AC690V	AC415V AC690V	AC415V AC690V	AC400V
Rated Operational Current/In(A)	10/16/20 25/32/40 50/63	16/20/25 32/40/50/63 80/100/125	100/125/160 180/200/225 250	225/250/315 350/400	400/500 630	630/700 800	1000/1250 1600
Frequency(Hz)	50/60Hz						
Rated Insulation Voltage/Ui(V)	AC800V	AC1000V	AC1000V	AC1000V	AC1000V	AC1000V	AC800V
Rated Impulse withstand Voltage/Uimp(V)	8kV	8kV	8kV	8kV	12kV	12kV	8kV
Ultimate Breaking Capacity/Icu(kA)	L 35	L 36	L 36	L 50	L 50	L 50	85
	M 50	M 55	M 55	M 85	M 75	M 75	
	/	H 85	H 85	H 100	H 100	H 100	
	/	690V 20	690V 20	690V 20	690V 20/30/40	690V 15/20/30	
Rated Breaking Capacity/Ics(kA)	L 22	L 27	L 27	L 35	L 35	L 35	65
	M 35	M 42	M 42	M 65	M 50	M 50	
	/	H 63	H 63	H 75	H 70	H 75	
	/	690V 10	690V 10	690V 15	690V 10/20/25	690V 12.5/15/20	
Mechanical Life	10000			10000			3000
Electrical Life	10000			2000			500
Method of Mounting	Wall Installation						
Mounting	Easy installed and fastening onto wall with screw						
Location	Indoor or in the Water-proof Box						
Ambient Temperature	-5°C~+50°C						
Altitude	2000M						
Relative Humidity	When the ambient temperature is 40 °C, the relative humidity of the atmosphere does not exceed 50%, and higher humidity is allowed at lower temperatures, such as 90% at 20 °C						