

SM4 Series Moulded Case Circuit Breaker

1. Application

SM4 series MCCB is applicable circuit of AC 50/60Hz, rated current up to 400A, for distribute energy of electricity & infrequent making & breaking circuit in normal conditions. The products conforms to IEC60947-2.

2. Specification

Type		SM4-125	SM4-160	SM4-250	SM4-400
Poles number		3	3	3	3
Rated current I_n (A)		25~125	25~160	125~250	125~400
Rated working voltage U_e (V) (50/60Hz)		500	500	600	600
Rated working voltage U_e == (V)		250	250	250	250
Rated insulation voltage U_i ~(V)		500	500	690	690
Rated impulse voltage U_{imp} (kV)		6	6	8	8
Utilisation category		A	A	A	A
Rated limited short-circuit breaking capacity I_{cu} (kA)	230/240V~	22	50	60	70
	400/415V~	16	36	36	40
	440V~	10	20	30	36
	480/500V~	8	14	25	30
	600V~	-	-	20	-
	690V~	-	-	16	-
	250V ==	16	-	36	-
Rated short-circuit breaking service capacity I_{cs} (% I_{cu})		100	100	100	100
Mechanical life		7000	7000	7000	5000
Electrical life		1000	100	1000	800

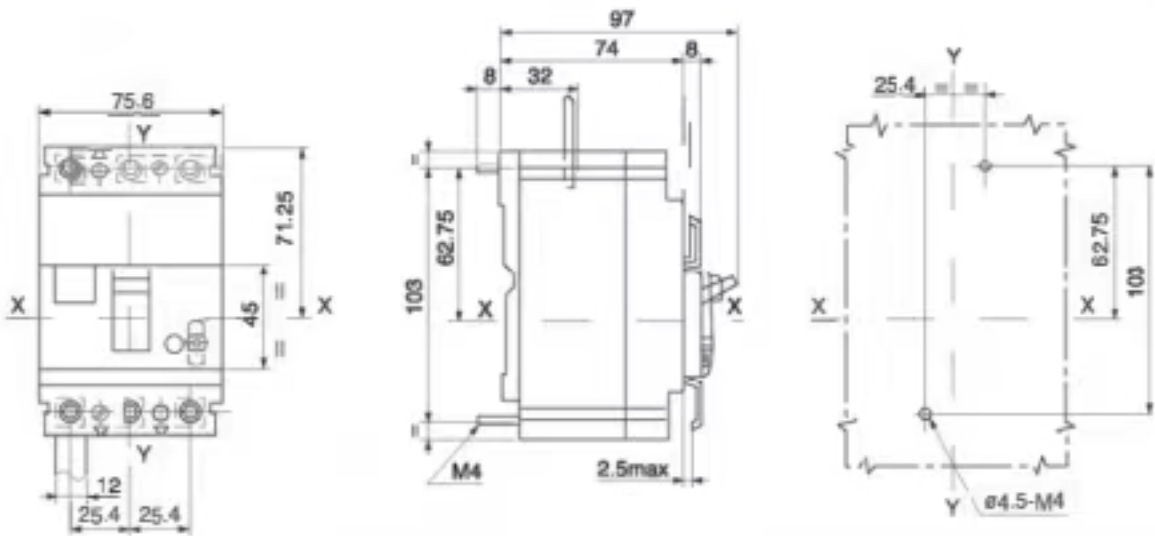


SM4-125



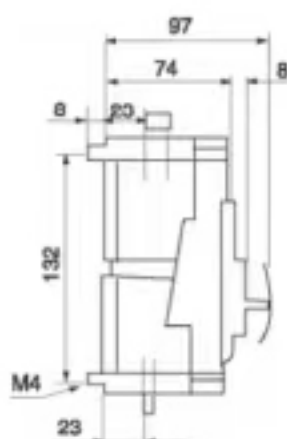
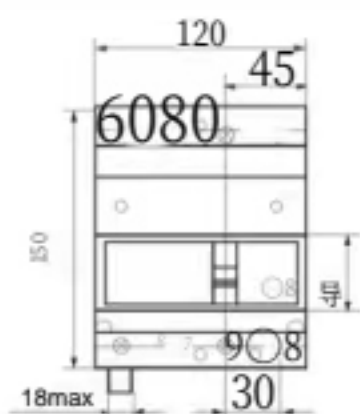
SM4-250

3. Outline and Installation Dimension

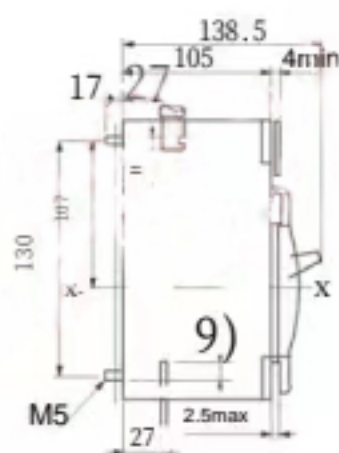
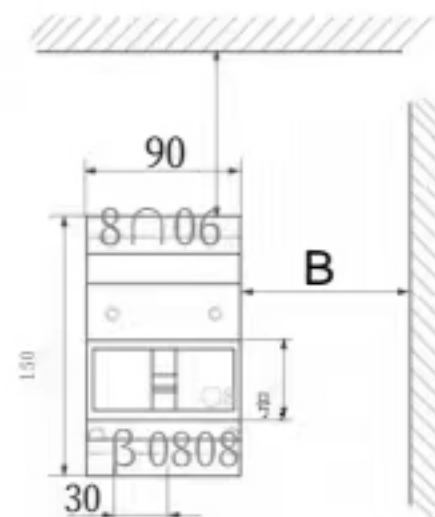


SM4-125

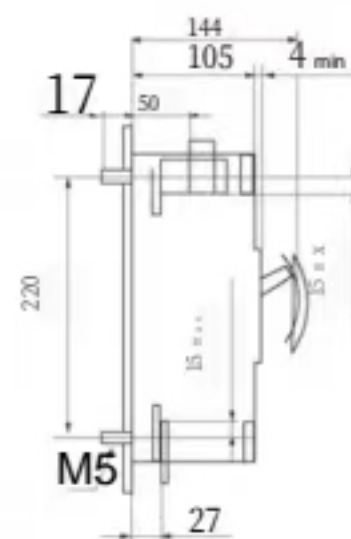
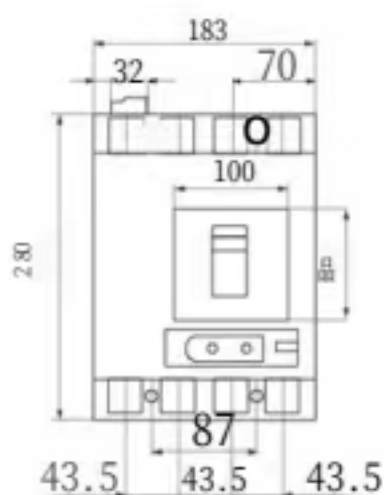
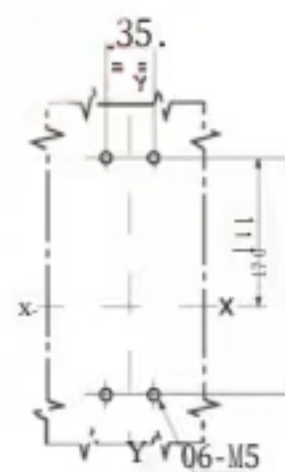
3.Outline and Installation Dimension



SM4-160



SM4-250



SM4-400

