

S series Moulded Case Circuit Breaker



S-125 3P



S-160 3P



S-250 3P

APPLICATION

S series moulded case circuit breaker, it is suitable for the circuit of AC 50Hz (or 60Hz), rated insulation voltage 660V, rated operating voltage under AC 660V, 250V(DC), rated operating current 10-800A. It is for distribute energy of electricity and infrequent making and circuit, in normal conditions. The MCCB rated current under 400A they are provided with the function of the protection against overload and short circuit and undervoltage. The MCCB complies with standard of IEC947-2.

TRIPPING CHARACTERISTICS OF MCCB

Rated current of release (A)	Thermodynamic release (ambient temp +40℃)		Operational current of magnetic release (A)
	1.05In (cold state) inoperative time (h)	1.30In (heat state) operative time (h)	
In ≤ 63	≥ 1	< 1	10-50In ± 20%
63 < In ≤ 250	≥ 2	< 2	10In ± 20%
25 < In ≤ 800	≥ 2	< 2	5-10In ± 20%

MAIN TECHNICAL SPECIFICATIONS

Type	Rated current (A)	Rated insulating voltage (V)	Poles (P)	Rated operating voltage	Ultimate short circuit breaker capacity Icu KA			Service short circuit breaking capacity Icu kKA			
					AC380V (400)	AC660V (690)	DC250	AC380V (400)	AC660V (690)		
S-125E	12.5, 16, 20, 25, 32, 40, 50,	660V	2, 3, 4	380V	15	-	-	7.5	-		
S-125S	63, 80, 100, 125				25	-	20	16	-		
S-160S	16, 20, 25, 32, 40, 50, 63, 80, 100, 125, 160				35	8	20	18	-		
S-160H					50	10	40	25	-		
S-250S	100, 125, 160, 180, 200, 225, 250				35	10	40	18	-		
S-250M					50	16	40	30	-		
S-250H				65	18	40	48	-			
S-400S	200, 225			660V	2, 3, 4	660V	35	16	40	18	-
S-400M	250, 315, 350, 400						50	20	40	30	-
S-400H							65	25	40	48	-
S-630S	400, 500, 630						50	20	40	30	-
S-630M							65	25	40	48	-
S-630H		80	30				40	60	-		
S-800S	500, 630, 700, 800	660V	2, 3, 4	660V	50	20	40	30	-		
S-800M					65	25	40	48	-		
S-800H					80	30	40	60	-		

SQ-D series Moulded Case Circuit Breaker



1P



2P



3P



3P