

Molded Case Circuit Breakers

Susol MCCB 1600AF Series



Electrical characteristics

			TS1000			TS1250		TS600				
Type			TS1000			TS1250		TS1600				
Ampere frame			1000			1250		1600				
Pole			3, 4			3, 4		3, 4				
Rated current, (A)	In	-5~40°C	800, 1000			1250		1600				
		50°C	800, 1000			1250		1560				
		65°C	800, 1000			1240		1420				
Rated insulation voltage, (V)	Ui		1000			1000		1000				
Rated impulse withstand voltage, (kV)		Uimp	8			8		8				
Rated operational voltage, (V)	Ue	AC50/60Hz	690			690		690				
		DC	-			-		-				
Rated short-circuit breaking capacity			N	H	L	N	H	N	H			
IEC60947-2 AC50/60Hz (sym)	Rated ultimate short-circuit breaking capacity, (kA) (Icu)	220/240V	55	75	200	55	75	55	75			
		380/415V	50	70	150	50	70	50	70			
		440/460V	50	65	130	50	65	50	65			
		480/500V	40	50	100	40	50	40	50			
		660/690V	35	45	-	35	45	35	45			
DC	250V 2P	-	-	-	-	-	-	-	-			
	500V 2P	-	-	-	-	-	-	-	-			
	750V 3P	-	-	-	-	-	-	-	-			
Rated service breaking capacity (Ics)	%Icu	100%	75%	100%	100%	75%	100%	75%				
Rated short-time withstand current (kA) (Icw)	1s	25			12		25		25			
	3s	-			-		-		-			
Overriding instantaneous protection		kA peak	50		30		50		50			
Isolation			○			○		○				
Category			B		A		B		B			
Life cycle Note 1)	Mechanical (operations)		10000			4000		10000		10000		
	Electrical (operations)	440V	In/2	6000			4000		5000		5000	
			In	5000			3000		4000		2000	
		690V	In/2	4000			3000		3000		2000	
In			2000			2000		2000		1000		
Pollution degree			3			3		3				
Dimension (mm) (W×H×D)	3-pole		210×327×152.5									
	4-pole		280×327×152.5									
Weight (kg)	3-pole		13									
	4-pole		16.8									

Note) 1. Life cycle means not guarantee but limitation
(Quality guarantee: On/Off frequency on the basis of IEC60947-2 within the term of guarantee.)