


Air circuit breakers

Susol ACB Series



Type		
Ampere frame	(AF)	
Rated current(A)	(In max)	at 40°C
Setting current (A) *	Control trip relay (... × In max)	
Rated current of neutral pole (A)		
Rated insulation voltage (V)	(Ui)	
Rated operating voltage (V)	(Ue)	
Rated impulse withstand voltage (kV)	(Uimp)	
Frequency (Hz)		
Number of poles (P)		
Rated breaking capacity (kA sym)	220V/230V/380V/415V	
IEC 60947-2	(Icu)	460V/480V/500V
AC 50/60Hz		550V/600V/690V
Rated service breaking capacity (kA)	(Ics)	... % × Icu
Rated making capacity (kA peak)	220V/230V/380V/415V	
IEC 60947-2	(Icm)	460V/480V/500V
AC 50/60Hz		550V/600V/690V
Rated short-time withstand current (kA) (Icw)	1sec	
	2 sec	
	3 sec	
Operating time (ms)	Maximum total breaking time	
	Maximum closing time	
Life cycle (time)	Mechanical	
	Electrical	
Connections **	Draw-out / Fixed	Horizontal connection
		Vertical connection
		Front connection
		Mixed connection
Weight (kg) (3P/4P)	Draw-out type	Main body (With cradle)
		Cradle only
	Fixed type	Motor charging type
		Manual charging type
External dimensions (mm) (H×W×D)	Draw-out type	3P
		4P
	Fixed type	3P
		4P
		
Trip relay		
Certificate & Approval		
Marine classification		

Susol						
AH-06D	AH-08D	AH-10D	AH-13D	AH-16D	AH-20D	
630	800	1000	1250	1600	2000	
200	400					
400	630	1000	1250	1600	2000	
630	800					
(0.4 ~ 1.0) × In max						
400	400					
630	630	1000	1250	1600	2000	
	800					
1000						
690						
12						
50/60						
3, 4						
85						
85						
65						
100%						
187						
187						
143						
65						
60						
50						
40						
80						
20,000						
5,000						
					●	-
					○	●
					○	-
					○	-
					63/74	70/85
					61/72	68/83
					29/32	33/40
					34/44	38/47
					32/42	36/45
430 × 334 × 375						
430 × 419 × 375						
300 × 300 × 295						
300 × 385 × 295						
N, A, P, S type						
KS / KEMA / KERI / GOST / CCC						
LR, ABS, DNV, KR, BV, GL, RINA, NK						

* Refer to trip relay specification. ** ●: Standard, ○: Option

※ Life time means not guarantee, but limitation.

Quality guarantee: On/Off frequency on the basis of IEC60947-2 within the term of guarantee



Susol									
AH-06E	AH-08E	AH-10E	AH-13E	AH-16E	AH-20E	AH-25E	AH-32E	AH-40E	
630	800	1000	1250	1600	2000	2500	3200	4000	
630	800	1000	1250	1600	2000	2500	3200	4000	
(0.4 ~ 1.0) × In max									
630	800	1000	1250	1600	2000	2500	3200	4000	
1,000									
690									
12									
50/60									
3, 4									
100									
100									
85									
100%									
220									
220									
187									
85									
75									
65									
40									
80									
15,000									
5,000									
●									○
○									●
○									-
○									-
			87/103				104/147		
			85/101				102/145		
			44/55				58/70		
			44/55				63/100		
			42/53				61/98		
430 × 412 × 375									
430 × 527 × 375									
300 × 378 × 295									
300 × 493 × 295									
N, A, P, S type									
KS / KEMA / KERI / GOST / CCC									
LR, ABS, DNV, KR, BV, GL, RINA, NK									

Susol		
AH-40G	AH-50G	AH-63G
4000	5000	6300
4000	5000	6300
(0.4 ~ 1.0) × In max		
4000	5000	6300
1,000		
690		
12		
50/60		
3, 4		
150		
150		
100		
100%		
330		
330		
220		
100		
85		
75		
40		
80		
10,000		
2,000		
		○
		●
		-
		-
181/223		186/230
179/221		184/228
97/117		102/124
98/123		103/130
96/121		101/128
460 × 785 × 375		
460 × 1015 × 375		
300 × 751 × 295		
300 × 981 × 295		
N, A, P, S type		
KS / KEMA / KERI / GOST / CCC		
LR, ABS, DNV, KR, BV, GL, RINA, NK		