


Ratings

Susol

Circuit Breaker



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 operational voltage(V)	(Ue)		
Rated impulse withstand voltage (kV)	(Uimp)		
Frequency(Hz)			
Number of poles (P)			
Rated breaking capacity (kA sym)	(Icu)	IEC 60947-2	
AC 50/60Hz		KS C 4620	
Rated service breaking capacity (kA)	(Ics)	... % × Icu	
Rated making capacity (kA peak)	(Icm)	IEC 60947-2	
AC 50/60Hz		KS C 4620	
Rated short-time withstand current (kA)	(Icw)	1 sec 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	Motor charging type
		(With cradle)	Manual charging type
		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					
400	400				
630	630	1000	1250	1600	2000
800	800				
1,000					
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

Note) 1. Life time means not guarantee, but limitation.

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

2. In case of Marine ACB, please contact us.

3. The use of AN-D, AS-D, AH-D and AS-F in IT systems is limited to 500 V network voltage.

4. AH-20D, AH-40E types are equipped with vertical-only terminals.



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
400 630	800	1000	1250	1600	2000	2500	3200	4000
0.4 ~ 1.0								
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								107/139
85/101								102/145
44/55								65/85
44/55								61/81
42/53								60/80
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		
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		

※ Derating of the rated current is required according to the ambient temperature around the breaker in a panel if it is higher than the reference value. (See pages 123 to 126)
 ※ It is possible to connect power and load side reversely, but please use it for normal connection for maintenance and safety.

Ratings

Susol

Switch-Disconnecter



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 operational voltage(V)	(Ue)		
Rated impulse withstand voltage (kV)	(Uimp)		
Frequency(Hz)			
Number of poles (P)			
Rated service breaking capacity (kA)	(Ics)	... % × Icu	
Rated making capacity (kA peak)	(Icm)	IEC 60947-3 AC ~ 690 V	
Rated short-time withstand current (kA)	(Icw)	1 sec	
		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	Motor charging type
		(With cradle)	Manual charging type
	Fixed type	Cradle only	
		Motor charging type	Manual charging type
External dimensions (mm) (H×W×D)	Draw-out type	3P	430×334×375
		4P	430×419×375
	Fixed type	3P	300×300×295
		4P	300×385×295



Susol					
DH-06D	DH-08D	DH-10D	DH-13D	DH-16D	DH-20D
630	800	1000	1250	1600	2000
200	400				
400	630	1000	1250	1600	2000
630	800				
0.4 ~ 1.0					
400	400				
630	630	1000	1250	1600	2000
	800				
1,000					
690					
12					
50/60					
3/4					
100%					
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					

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

Note) 1. Life time means not guarantee, but limitation.

Quality guarantee: On/Off frequency on the basis of IEC60947-3 within the term of guarantee

2. In case of Marine ACB, please contact us.

3. DH-20D, DH-40E types are equipped with vertical-only terminals.



Susol								
DH-06E	DH-08E	DH-10E	DH-13E	DH-16E	DH-20E	DH-25E	DH-32E	DH-40E
630	800	1000	1250	1600	2000	2500	3200	4000
400 630	800	1000	1250	1600	2000	2500	3200	4000
0.4 ~ 1.0								
630	800	1000	1250	1600	2000	2500	3200	4000
1,000								
690								
12								
50/60								
3/4								
100%								
187								
85								
78								
65								
40								
80								
15,000								
5,000								
●								-
○								●
○								-
○								-
87/103								107/139
85/101								102/145
44/55								65/85
44/55								61/81
42/53								60/80
430x412x375								
430x527x375								
300x378x295								
300x493x295								

※ Derating of the rated current is required according to the ambient temperature around the breaker in a panel if it is higher than the reference value. (See pages 123 to 126)