




Susol			
AH-20E	AH-25E	AH-32E	AH-40E
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		
	10,000		
	20,000		
	5,000		
	10,000		
	●		○
	○		●
	○		-
	○		-
	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		
	KEMA / KERI / CE		

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	
	100	
	100	
	40	
	80	
	10,000	
	20,000	
	2,000	
	5,000	
	○	
	●	
	-	
	-	
	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	
	KEMA / KERI / CE	

Ratings

Metasol



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	
AC 50/60Hz	(Icu)	IEC 60947-2	460V/480V/500V
		KS C 8325	550V/600V/690V
			... % × Icu
Rated service breaking capacity (kA) (Ics)		100%	
Rated making capacity (kA peak)		143	
AC 50/60Hz	(Icm)	IEC 60947-2	460V/480V/500V
		KS C 8325	550V/600V/690V
			105
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	Without maintenance	
		With maintenance	
	Electrical	Without maintenance	
		With maintenance	
Connections **	Draw-out / Fixed	Horizontal connection	
		Vertical connection	
		Front connection	
		Mixed connection	
Weight (kg) (3P/4P)	Draw-out type	Main body (With cradle)	Motor charging type
			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			

Metasol					
AN-06D	AN-08D	AN-10D	AN-13D	AN-16D	AS-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					
					70
					70
					65
					100%
					154
					154
					143
					65
					55
					50
					40
					80
					12,000
					20,000
					5,000
					10,000
					-
					●
					-
					○
					-
					○
					-
					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 type					
KEMA / KERI / CE					

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



Metasol			
AS-20E	AS-25E	AS-32E	AS-40E
2000	2500	3200	4000
630, 800			
1000, 1250	2500	3200	4000
1600, 2000			
(0.4 ~ 1.0) × In max			
630, 800			
1000, 1250	2500	3200	4000
1600, 2000			
	1,000		
	690		
	12		
	50/60		
	3, 4		
	85		
	85		
	85		
	100%		
	187		
	187		
	187		
	85		
	75		
	65		
	40		
	80		
	10,000		
	20,000		
	5,000		
	10,000		
●		○	
○		●	
○		-	
○		-	
87/103		104/147	
85/101		102/145	
44/50		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 type		
	KEMA / KERI / CE		

Metasol	
AS-50F	
4000	5000
4000	5000
(0.4 ~ 1.0) × In max	
4000	5000
	1000
	690
	12
	50/60
	3, 4
	100
	100
	85
	100%
	220
	220
	187
	85
	75
	65
	40
	80
	10,000
	20,000
	2,000
	5,000
○	
●	
-	
-	
145/173	
143/171	
78/90	
76/94	
74/92	
	460 × 629 × 375
	460 × 799 × 375
	300 × 597 × 295
	300 × 767 × 295
	N, A, P type
	KEMA / KERI / CE

Metasol		
AS-40G	AS-50G	AS-63G
4000	5000	6300
4000	5000	6300
(0.4 ~ 1.0) × In max		
4000	5000	6300
	1,000	
	690	
	12	
	50/60	
	3, 4	
	120	
	120	
	100	
	100%	
	264	
	264	
	220	
	100	
	90	
	85	
	40	
	80	
	10,000	
	20,000	
	2,000	
	5,000	
	○	
	●	
	-	
	-	
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 type	
	KEMA / KERI / CE	