

AiSIKAI[®]

PRODUCT OVERVIEW



POWER THE FUTURE

AISIKAI ELECTRIC CO.,LTD

Comprehensive Types

Fixed, Handcart, Side-mounted, Floor-standing

Patent

HV Vacuum Circuit Breaker ZL 201610633447.1

Easy Install HV Vacuum Circuit Breaker ZL 201610632987.8



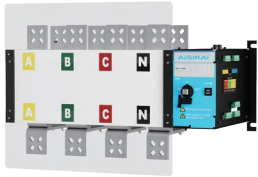
INDOOR HIGH VOLTAGE VACUUM CIRCUIT BREAKER(VCB)

ASKV5 SERIES

Item	Unit	Technical parameters											
Rated voltage	kV	12					24			40.5			
Rated insulation level	Rated short-time power frequency withstand voltage (1min)	42					65			95			
	Rated lightning impulse withstand voltage (peak)	75					125			185			
Rated frequency	Hz	50					50			50/60			
Rated current	A	630	630	1250	1250	1250	630	630	1250	630	630	1250	
		1250	1250	1600	1600	1600	1250	1250	1600	1250	1250	1600	
				2000	2000	2000			2000			2000	
				2500	2500	2500			2500			2500	
				3150	3150	3150			3150			3150	
				4000	4000	4000						4000	
Rated short-circuit breaking current	kA	20	25	31.5	40	50	20	25	31.5	20	25	31.5	
Rated short-time withstand current	kA	20	25	31.5	40	50	20	25	31.5	20	25	31.5	
Rated peak withstand current	kA	50	63	80	100	125	50	63	80	50	63	80	
Rated short-circuit closing current (peak)	kA	50	63	80	100	125	50	63	80	50	63	80	
4s thermal stable current	kA	20	25	31.5	40	50	20	25	31.5	20	25	31.5	
Rated dynamic stable current	kA	50	63	80	100	125	50	63	80	50	63	80	
Rated capacitor set closing surge current	kA	12.5 (frequency not higher than 1000Hz)											
Rated single/back-to-back capacitor set breaking current	A	630/400											
Rated short-circuit duration	S	4											
Secondary circuit power frequency withstand voltage	V	2000											
Rated operational voltage	Closing coil	V	AC110/220 DC110/220										
	Opening coil	V	AC110/220 DC110/220				AC110/220 DC110/220			AC110/220 DC110/220			
	Energy storage motor	V	AC110/220 DC110/220										
Opening time (rated voltage)	ms	20 ~ 50					≤45			20 ~ 45			
Closing time (rated voltage)	ms	30 ~ 70					≤60			30 ~ 70			
The allowable wear cumulative thickness of moving and fixed contacts	mm	3											
Energy storage Time	s	≤15					≤15			≤15			
Contact opening distance	mm	9±1 (630A ~ 1250A)			11±1 (1250A ~ 4000A)			13±1			20±2		
Contact stroke	mm	3 ~ 4					4±1			6±1			
Contact closing bounce Time	ms						≤2			≤3			
Three phase opening/closing non-synchronous characteristic	ms	≤2											
Average opening speed ¹	m/s	0.9 ~ 1.3					1.1 ~ 1.7			1.4 ~ 2.0			
Average closing speed ²	m/s	0.4 ~ 0.8			0.5 ~ 0.9 (side-mounted)			0.6 ~ 1.1			0.6 ~ 1.3		
Contact opening rebound amplitude	mm	≤2			≤2 (side-mounted)			≤3					
Main conductive circuit resistance	μ Ω	≤55 (630A)			≤45 (630A side-mounted)			Rated current	Handcart	Fixed	Rated current	Handcart	Fixed
		≤45 (1250A)			≤40 (1250A side-mounted)			630~1250A	≤55	≤50	1250A and below	≤75	≤50
		≤35 (1600A~2000A)						1600~2000A	≤35	≤30	1250A and below	≤50	≤40
		≤25 (2500A and above)						2500A and above	≤25	≤20			
Contact closing contact pressure	N	2000±200 (20kA)											
		2400±200 (25kA)											
		3100±200 (31.5kA)											
		4750±200 (40kA)											
Rated operation sequence ³		O-0.3s-CO-180s-CO											
Mechanical life	times	30000(31.5kA and below)					20000			10000			
		20000(40kA and below)											
Short-circuit breaking current breaking times	times	50											
Inter-phase center distance	mm	210±1					275±1			300±1.5			

1. 12kV/24V circuit breaker: the average opening speed refers to the average speed of the breaker contact just after opening 6mm.
 2. 40.5kV circuit breaker: the average opening speed refers to the average speed of the breaker contact just after opening 12mm.
 3. 12kV circuit breaker: the average closing speed refers to the average speed of the breaker contact before closing 8mm.
 4. 24kV circuit breaker: the average closing speed refers to the average speed of the circuit breaker contacts full opening distance.
 5. 40.5kV circuit breaker: the average closing speed refers to the average speed of the breaker contact before closing 12mm.
3. When the rated short-circuit breaking current < 40kA, θ = 0.3s, When the rated short-circuit breaking current is ≥ 40kA, θ = 180s.

**AUTOMATIC TRANSFER SWITCH(ATS)- Class PC Motor Type
SKT SERIES**



CCC & CE Certifications
Reliable quality assurance
Suit for Frequent Operation
AC-33A highest standard
Patent Technology
One-piece structure of output copper bars
Permanent magnet motor driven
Zero line overlap switch
GSM wireless remote control
High Making & Breaking Capacity
Making: 10Ie
Breaking: 10Ie
Multiple Safe Protections
Mechanical&electrical interlock
Zero position safe design
Combined contacts of double rows
Transverse moving mechanism

Thermal current rating(Ith A)	20A, 40A, 63A, 80A, 100A, 125A, 160A, 250A, 400A, 630A	800A, 1000A, 1250A, 1600A, 2000A, 2500A, 3200A
Rated insulation voltage(Ui)	1000V	
Rated impulse withstand voltage(Uimp)	12kV	
Rated voltage of the switch copper	AC440V	
Rated operational current(Ie) AC-33A	10, 16, 20, 25, 32, 40, 50, 63, 80, 100, 125, 140, 150, 160, 180, 200, 225, 250, 315, 350, 400, 500, 630	800, 1000, 1250, 1600, 2000, 2500, 3200
Rated making capacity	10Ie	
Rated breaking capacity	10Ie	
Rated limit short-circuit current	7kV	13kV 35kV 50kV 75kV
Transferring time I - II or II - I	1.2S 0.6S 1.2S 2.4S	
Control voltage	AC220V (special voltage: AC24V,DC110V,DC220V,AC110V,AC280V)	

**AUTOMATIC TRANSFER SWITCH(ATS)
- Class PC Home Use Type
ASKQ1 SERIES**



ASKQ1-63A/2P

Rated current(Ie)	6A, 10, 16A, 20A, 25A, 32A, 40A, 50A, 63A
Rated insulation voltage(Ui)	AC690V
Rated impulse withstand voltage(Uimp)	8kV
Rated voltage(Ue)	AC400V
Use category	AC33B
Electrical ratings	PC
Usage frequency	50Hz ~ 60Hz
Poles	2P, 3P, 4P
Control voltage	AC220V

**AUTOMATIC TRANSFER SWITCH(ATS)
- Class PC 2 Section Type
ASKQ2 SERIES**



ASKQ2-125A/4P

Rated operational current	32A, 125A	250A, 400A	630A, 800A, 1000A, 1250A, 1600A
Rated current of control power(A)	5	7	12
Rated short-time withstand current(kA)	10		32
Rated impulse withstand voltage(Uimp kV)	8		
Service life	Mechanical	8000	3000
	Electrical	3000	1000
Poles	2P 3P 4P		3P 4P

**AUTOMATIC TRANSFER SWITCH(ATS)
- Class PC 2 Section Type
ASKQ6 SERIES**



ASKQ6-125A/4P

Rated operational current	32A, 125A	250A, 400A	630A, 800A, 1000A, 1250A, 1600A
Rated current of control power(A)	5	7	12
Rated short-time withstand current(kA)	10		32
Rated impulse withstand voltage(Uimp kV)	8		
Service life	Mechanical	8000	3000
	Electrical	3000	1000
Poles	2P 3P 4P		3P 4P



ASKQ8-6300A/4P

AUTOMATIC TRANSFER SWITCH(ATS)
- Class PC High Current Type

ASKQ8 SERIES

Rated current(Ie)	3200A, 3600A, 4000A, 4500A, 5000A, 6300A
Rated insulation voltage(Ui V)	AC1000V
Rated impulse withstand voltage(Uimp)	12kA
Rated voltage(Ue)	AC400V
Poles	3P 4P
Control voltage	AC200V
Short-time withstand current	60kA

AUTOMATIC TRANSFER SWITCH(ATS)
- CLASS CB MCB TYPE

SKQ1 SERIES



SKQ1-63A/4P

Rated short-circuit breaking capacity	10A, 20A, 25A, 32A, 40A, 63A
Rated short-circuit making capacity	3kA
Transferring time	≤3s
Control voltage Us	AC220V
Mechanical life	3000 times (main-standby). Electrical life is 1500 times
Rated insulation voltage of copper bar(Ui)	500V
Rated operational voltage of copper bar(Ue)	AC380V 2P为AC220V
Rated operational current of copper bar(Ie)	3kA



SKQ1-125A/4P

AUTOMATIC TRANSFER SWITCH(ATS)
-CLASS CB MCCB TYPE

Model	SKQ1-125	SKQ1-225	SKQ1-400	SKQ1-630	SKQ1-800	SKQ1-1000	SKQ1-1250	SKQ1-1600
Use category	AC-33iB				AC-33iB			
Rated operational voltage(Ue)	AC400V				AC400V			
Rated insulation voltage(Ui)	690V				690V			
Rated short-time withstand current(Icw)	10kA		12.6kA		20kA			
Rated short-circuit making capacity(Icm)	17kA		25.2kA		30kA			
Service life	Mechanical:10000 ; Electrical: 5000		Mechanical:5000 ; Electrical: 2500		Mechanical:3000 ; Electrical: 1500			
Poles	3P 4P		3P 4P		3P 4P			

**INTELLIGENT UNIVERSAL AIR
CIRCUIT BREAKER(ACB)**



ASKW1-3200A

- CCC & CE Certifications
- Reliable quality assurance
- Comprehensive protection functions
- Long delay, short delay, instantaneous, grounding, load monitoring, MCR&HSISC, district chain
- User-friendly Interface
- LCD screen in English
- Easy to set
- Complete parameters
- Comprehensive Measurement functions
- 4 phases currents, grounding current, thermal capacity, 3 phases voltages, power frequency
- Intelligent Communication
- MODBUS-RUT standard communication protocol

ASKW1 SERIES

Frame rating current (Inm A)	Rated current (In A)	Rated impulse withstand voltage (Uimp kV)	Rated voltage (Ue V)	Rated limit short-circuit breaking capacity (Icu kA o-co)		Rated service short-circuit breaking capacity (Ics kA o-co-co)		Rated short-time withstand current Icw KA(1s) delay 0.4s o-co		Power loss (In) W			
				400V	690V	400V	690V	400V	690V	Fixed	Drawout		
2000	630	12kV	AC 50Hz 60Hz 400V 690V	85	55	65	55	65	55	40	80		
	800									60	130		
	1000									90	205		
	1250									90	205		
	1600									140	310		
	2000									170	310		
3200	2000			12kV	AC 50Hz 60Hz 400V 690V	100	70	80	70	80	70	170	400
	2500											260	510
	2900											320	650
	3200											420	760
4000	3200			12kV	AC 50Hz 60Hz 400V 690V	100	70	80	70	80	70	430	780
	3600											440	790
	4000	450	800										
6300	4000	12kV	AC 50Hz 60Hz 400V 690V	120	120	100	100	100	100	1225			
	5000									1250			
	6300									1625			



ASKW2-1600A

ASKW2 SERIES

Frame rating current (Inm A)	Rated current (In A)	Rated voltage (Ue V)	Rated limit short-circuit breaking capacity		Rated service short-circuit breaking capacity		Rated short-time withstand current Icw	Rated insulation voltage (Ui V)	Rated impulse withstand voltage (Uimp kV)	Number of operation cycles per hour	Number of cycles of operation powered on	Number of cycles of operation not powered on	Total
			IcukA	cosΦ	IcukA	cosΦ							
1600	200~1600	400/690 50Hz	55/22	0.25	42/22	0.25	42kA/1S 22kA/1S	690	12(2000m)	20	500	2500	3000



ASKW3-2500A

ASKW3 SERIES

Frame rating current (Inm A)	Rated current (In A)	Rated impulse withstand voltage (Uimp kV)	Rated voltage (Ue V)	Rated limit short-circuit breaking capacity (Icu kA o-co)		Rated service short-circuit breaking capacity (Ics kA o-co-co)		Rated short-time withstand current Icw KA(1s) delay 0.4s o-co		Service life C/O cycles	
				400V	660/690V	400V	660/690V	400V	660/690V	Mechanical	Electrical
2500	630-2500	12kV	AC 50Hz /60Hz /380V /400V /415V	100	80	100	80	100	80	10000	6000
4000	3000-4000		/440V /480V /660V /690V /800V /1000V /1140V								

MOLDED CASE CIRCUIT BREAKER(MCCB)



ASKM1-400A/3P

CCC & CE Certifications

Reliable quality assurance

Comprehensive protection functions

Overload, Short-circuit, Under-voltage

Modern Industrial Design

Innovative curved shape design,

simple and beautiful

A Variety of Optional Accessories

Alarm contact, shunt tripper, auxiliary contact, under-voltage tripper, electric operation mechanism, manual operation mechanism, mechanical operation mechanism

ASKM1 SERIES

Model	Poles	Rated current (In A)	Rated operational voltage (Ue V)	Rated insulation voltage (Ui V)	Rated limit short-circuit breaking capacity			Arc distance (mm)
					Test voltage(V)	Icu (kA)	Ics (kA)	
ASKM1-63L	3P, 4P	10, 16, 20, 25,	400	800	400×1.10	22	18	0
ASKM1-63M	3P, 4P	32, 40, 50, 63				35	22	
ASKM1-125L	3P, 4P	16, 20, 25, 32, 40, 50, 63, 80, 100, 125	400/690	800		35/10	22/5	≤50
ASKM1-125M	3P, 4P					50/20	35/10	
ASKM1-125H	3P, 4P					85	50	
ASKM1-250L	3P, 4P	100, 125, 140, 160, 180, 200, 225, 250	400/690	800		35/10	22/5	
ASKM1-250M	3P, 4P					50/20	35/10	
ASKM1-250H	3P, 4P					85	50	
ASKM1-400L	3P, 4P	225, 250, 315, 350, 400	400/690	800		65/65	50/50	≤100
ASKM1-400M	3P, 4P					75/75	65/65	
ASKM1-400H	3P, 4P							
ASKM1-630L	3P, 4P	400, 500, 630	400/690	800	75/75	65/65		
ASKM1-630M	3P, 4P							
ASKM1-630H	3P, 4P							
ASKM1-800L	3P, 4P	630, 700, 800	400/690	800	85/85	75/75		
ASKM1-800M	3P, 4P							
ASKM1-800H	3P, 4P							
ASKM1-1600M	3P, 4P	800, 1000, 1250, 1600	400/690	800	85/85	65/65		
ASKM1-1600H	3P, 4P							



ASKM2RT-630A/3P

CCC & CE Certifications

Reliable quality assurance

Comprehensive protection functions

Overload, Short-circuit, Under-voltage

Modern Industrial Design

Innovative curved shape design,

simple and beautiful

A Variety of Optional Accessories

Alarm contact, shunt tripper, auxiliary contact, under-voltage tripper, electric operation mechanism, manual operation mechanism, mechanical operation mechanism

ASKM2RT SERIES

Model	Poles	Rated current (In A)	Rated insulation voltage (Ui V)	Rated impulse withstand voltage Uimp kV	Rated operational voltage (V)	Arc distance (mm)	Breaking capacity level	Rated limit short-circuit breaking capacity (Icu KA o-co)		Service short-circuit breaking capacity (Ics KA)
								AC400V/415V	AC400V/415V	
ASKM2RT-160	3P, 4P	63,80,100,125,160	800V	8000V	AC400V/415V	>50(0) ²	L	35	25	
							M	50	35	
ASKM2RT-250	3P, 4P	125,140,160,180,200,225,250	800V	8000V	AC400V/415V	>50(0) ²	L	35	25	
							M	50	35	
ASKM2RT-630	3P, 4P	250,315,350,400,500,630	800V	8000V	AC400V/415V	>100(0) ²	L	35	25	
							M	50	35	
							H	75	75	
ASKM2RT-800	3P, 4P	500,630,700,800	800V	8000V	AC400V/415V	>100(0) ²	L	35	25	
							M	50	35	
							H	75	75	



ASKM3-400A/3P

CCC & CE Certifications

Reliable quality assurance

Comprehensive protection functions

Overload, Short-circuit, Under-voltage

Modern Industrial Design

Innovative curved shape design,

simple and beautiful

A Variety of Optional Accessories

Alarm contact, shunt tripper, auxiliary contact, under-voltage tripper, electric operation mechanism, manual operation mechanism, mechanical operation mechanism

ASKM3 SERIES

Model	Poles	Rated current (In A)	Rated insulation voltage (Ui V)	Rated impulse withstand voltage Uimp kV	Rated operational voltage (V)	Arc distance (mm)	Breaking capacity level	Rated limit short-circuit breaking capacity (Icu KA o-co)		Service short-circuit breaking capacity (Ics KA)	
								AC400V/415V	AC660V/690V	AC400V/415V	AC660V/690V
ASKM3-63	3P, 4P	10, 16, 20, 25, 32, 40, 50, 63	1000V	8000V	AC400V/415V AC660V/690V	>50(0) ²	L	36	10	36	10
							M	55	12	55	12
ASKM3-160	3P, 4P	10, 16, 20, 25, 32, 40, 50, 63, 80, 100, 125, 140, 160	1000V	12000V	AC400V/415V AC660V/690V	>50(0) ²	L	50	12	50	12
							M	70	20	70	20
							H	85	20	85	20
ASKM3-250	3P, 4P	100, 125, 140, 160, 180, 200, 225, 250	1000V	12000V	AC400V/415V AC660V/690V	>50(0) ²	L	50	12	50	12
							M	70	20	70	20
							H	100	20	100	20
ASKM3-400	3P, 4P	225, 250, 315, 350, 400	1000V	12000V	AC400V/415V AC660V/690V	>50(0) ²	L	65	15	65	15
							M	70	20	70	20
							H	100	20	100	20
ASKM3-630	3P, 4P	400, 500, 630	1000V	12000V	AC400V/415V AC660V/690V	>50(0) ²	L	70	20	70	20
							M	75	30	75	30
							H	100	30	100	30
ASKM3-800	3P, 4P	400, 500, 630, 700, 800	1000V	12000V	AC400V/415V AC660V/690V	>50(0) ²	L	75	20	75	20
							M	85	30	85	30
							H	100	30	100	30

MINIATURE CIRCUIT BREAKER(MCB)



ASKB1-63A



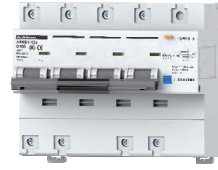
ASKB1-125A



ASKB1L-63A



ASKB1L-125A



ASKB1L-100A/4P



ASKB2-32A



ASKB2L-32A

CCC & CE Certifications

Reliable quality assurance

Comprehensive protection functions

Overload, Short-circuit, Under-voltage

Clear Indication

The ON/OFF state is indicated by

Red/Green colour

A Variety of Optional Accessories

Alarm contact, auxiliary contact, shunt tripper,

over-voltage under-voltage tripper

Multiple Types for Multiple Needs

General protection type

Under-voltage protection type

Pre-paid Meter special type

Leakage protection type

Compact size type

ASKB SERIES

Model	Inm (A)	Poles	Residual current type	Frequency	Rated operational voltage(V)	Rated operational current(A)	Rated residual action current	impulse withstand voltage	Instantaneous tipping type	Rated short-circuit capacity		Rated residual making and breaking capacity	Optional Accessories
										C-type	D-type		
ASKB1	63A / 125A	1P	AC	50Hz	230/400	3, 6, 10, 16, 20, 25, 32, 40, 50, 63 /80, 100, 125		4	C/D	4.5/10	6/10		Alarm contact, auxiliary contact, Shunt tripper or over-voltage under-voltage tripper
		2P											
		3P											
		4P											
ASKB1L	63A / 125A	1P+N	AC	50Hz	230	3, 6, 10, 16, 20, 25, 32, 40, 50, 63 /80, 100, 125	Default 30mA (non-action current 15mA). 50,100,200,300mA is customizable	4	C/D	4.5/10	6/10	2000	Alarm contact, auxiliary contact
		2P											
		3P											
		3P+N											
4P													
ASKB2	32A	1P+N		50Hz	230	6, 10, 16, 20, 25, 32		4	B/C	3			
ASKB2L	32A	1P+N	AC	50Hz	230	6, 10, 16, 20, 25, 32	Default 50mA (non-action current 15mA).	4	B/C	3	2000		



ASKB5-63A



ASKB5-63A



ASKB5L-63H



ASKB6-63A



ASKB6-63A



ASKB6L-63A

ASKB SERIES

Model	Inm (A)	Poles	Residual current type	Frequency	Rated operational voltage(V)	Rated operational current(A)	Rated residual action current	impulse withstand voltage	Instantaneous tipping type	Rated short-circuit capacity		Rated residual making and breaking capacity	Optional Accessories
										L	H		
ASKB5	63A	1P	AC	50Hz	230/400	6, 10, 16, 20, 25, 32, 40, 50, 63		4	C/D	6	10		Alarm contact, auxiliary contact, Shunt tripper or over-voltage under-voltage tripper
		2P											
		3P											
		4P											
ASKB5L	40A / 63A	1P+N	AC	50Hz 60Hz	230	6, 10, 16, 20, 25, 32, 40, 50, 63	Default 30mA (non-action current 15mA). 50,100,200,300mA is customizable	4	C/D	6	10	2000	Alarm contact, auxiliary contact
		2P											
		3P											
		3P+N											
4P													
ASKB6	40A	1P+N	AC	50Hz	230	6, 10, 16, 20, 25, 32, 40		4	C/D	4	6		
ASKB6L	40A	1P+N	AC	50Hz	230	6, 10, 16, 20, 25, 32, 40	Default 30mA (non-action current 15mA).		C/D	4.5	6	2000	

MODULAR SWITCHES(SFT)



AISFT-63A(1P)



AISFT-125A(1P)



AISFT-125A(2P)



AISFT-125A(2P)



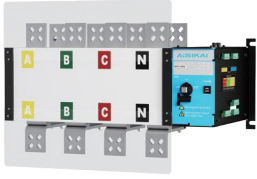
AISFT-125A(3P)



AISFT-125A(4P)

AISFT SERIES

Model	Poles	Residual current type	Frequency (Hz)	Rated operational voltage(V)	Rated operational current(A)	Mechanical life (times)	Electrical life (times)	Rated insulation voltage Ui(V)	Rated impulse withstand voltage (1.2/50)(kV)	Anti-vibration (IEC/EN60068-2-6)
AISFT	1P	AC	50Hz 60Hz	230/400	16,20,25,32, 40,50,63	10000	6000	690	6	no significant vibration and shock
	2P									
	3P									
	4P									
					50,63,80, 100,125	10000	6000	690	6	no significant vibration and shock



CCC & CE Certifications
Reliable quality assurance
Suit for Frequent Operation
AC-33A highest standard
Patent Technology
One-piece structure of output copper bars
Permanent magnet motor driven
Zero line overlap switch
GSM wireless remote control
High Making & Breaking Capacity
Making: 10Ie
Breaking: 10Ie
Multiple Safe Protections
Mechanical&electrical interlock
Zero position safe design
Combined contacts of double rows
Transverse moving mechanism

**AUTOMATIC TRANSFER SWITCH(ATS)- Class PC Motor Type
SKT SERIES**

Thermal current rating(Ith A)	20A, 40A, 63A, 80A, 100A, 125A, 160A, 250A, 400A, 630A	800A, 1000A, 1250A, 1600A, 2000A, 2500A, 3200A			
Rated insulation voltage(Ui)	1000V	1000V			
Rated impulse withstand voltage(Uimp)	12kV	12kV			
Rated voltage of the switch copper	AC440V				
Rated operational current(Ie) AC-33A	10, 16, 20, 25, 32, 40, 50, 63, 80, 100, 125, 140, 150, 160, 180, 200, 225, 250, 315, 350, 400, 500, 630	800, 1000, 1250, 1600, 2000, 2500, 3200			
Rated making capacity	10Ie				
Rated breaking capacity	10Ie				
Rated limit short-circuit current	7kV	13kV	35kV	50kV	75kV
Transferring time I - II or II - I	1.2S		0.6S	1.2S	2.4S
Control voltage	AC220V (special voltage: AC24V,DC110V,DC220V,AC110V,AC280V)				

**AUTOMATIC TRANSFER SWITCH(ATS)
- Class PC Home Use Type
ASKQ1 SERIES**



ASKQ1-63A/2P

Rated current(Ie)	6A, 10, 16A, 20A, 25A, 32A, 40A, 50A, 63A
Rated insulation voltage(Ui)	AC690V
Rated impulse withstand voltage(Uimp)	8kV
Rated voltage(Ue)	AC400V
Use category	AC33B
Electrical ratings	PC
Usage frequency	50Hz ~ 60Hz
	2P, 3P, 4P
Control voltage Poles	AC220V

**AUTOMATIC TRANSFER SWITCH(ATS)
- Class PC 2 Section Type
ASKQ2 SERIES**



ASKQ2-125A/4P

Rated operational current	32A, 125A	250A, 400A	630A, 800A, 1000A, 1250A, 1600A
Rated current of control power(A)	5	7	12
Rated short-time withstand current(kA)	10		32
Rated impulse withstand voltage(Uimp kV)	8		
Service life	Mechanical	8000	3000
	Electrical	3000	1000
Poles	2P 3P 4P		3P 4P

**AUTOMATIC TRANSFER SWITCH(ATS)
- Class PC 2 Section Type
ASKQ6 SERIES**



ASKQ6-125A/4P

Rated operational current	32A, 125A	250A, 400A	630A, 800A, 1000A, 1250A, 1600A
Rated current of control power(A)	5	7	12
Rated short-time withstand current(kA)	10		32
Rated impulse withstand voltage(Uimp kV)	8		
Service life	Mechanical	8000	3000
	Electrical	3000	1000
Poles	2P 3P 4P		3P 4P

**AUTOMATIC TRANSFER SWITCH(ATS)
- Class PC High Current Type**

ASKQ8 SERIES



ASKQ8-6300A/4P

Rated current(Ie)	3200A, 3600A, 4000A, 4500A, 5000A, 6300A
Rated insulation voltage(Ui V)	AC1000V
Rated impulse withstand voltage(Uimp)	12kA
Rated voltage(Ue)	AC400V
Poles	3P 4P
Control voltage	AC200V
Short-time withstand current	60kA

**AUTOMATIC TRANSFER SWITCH(ATS)
- CLASS CB MCB TYPE**

SKQ1 SERIES



SKQ1-63A/4P

Rated short-circuit breaking capacity	10A, 20A, 25A, 32A, 40A, 63A
Rated short-circuit making capacity	3kA
Transferring time	≤3s
Control voltage Us	AC220V
Mechanical life	3000 times (main-standby). Electrical life is 1500 times
Rated insulation voltage of copper bar(Ui)	500V
Rated operational voltage of copper bar(Ue)	AC380V 2P为AC220V
Rated operational current of copper bar(Ie)	3kA

**AUTOMATIC TRANSFER SWITCH(ATS)
-CLASS CB MCCB TYPE**



SKQ1-125A/4P

Model	SKQ1-125	SKQ1-225	SKQ1-400	SKQ1-630
Use category	AC-33iB			
Rated operational voltage(Ue)	AC400V			
Rated insulation voltage(Ui)	690V			
Rated short-time withstand current(Icw)	10kA		12.6kA	
Rated short-circuit making capacity(Icm)	17kA		25.2kA	
Service life	Mechanical:10000 ; Electrical: 5000		Mechanical:5000 ; Electrical: 2500	
Poles	3P	4P	3P	4P



SKZ1 Series



SKZ1 Series Intelligent Automatic Transfer Switch Cabinet

Dual power automatic transfer control panel is suitable for automatic switching between two-source power supplies with load. Two-source power supplies can be in the form of 2 utility powers, 1 utility power 1 generator power, and 2 generator powers. The control panel of same power is in the same outline structure; control panels of different powers have the same working principle but different sizes. Control capacity varies between 20A to 6300A (corresponding to the power of three-phase 10kW to 3000kW).

Outline and Classification

Current	63A,80A,100A,	125A,160A,250A,	400A wall mount, 630A wall mount	400A stand, 630A stand	800A,1000A, 1250A,1600A	2000A,2500A,3200A
Outline dimensions(mm)	500*400*250	500*600*250	550*600*350	1200*600*500	1600*800*600	2000*800*800
Outlet line location	Outlet from lower	Outlet from lower	Outlet from lower	Outlet from lower	Outlet from lower	Outlet from lower
Weight(kg)	19	28	42	95	150	285



CCC & CE Certifications
 Reliable quality assurance
 Multiple Safe Protections
 Mechanical interlock
 Combined contacts of double rows
 Transverse moving mechanism

LOAD-ISOLATING SWITCHES (LIS)

SKG1 SERIES

Thermal current rating(Ith A)	125A	160A	250A	400A	500A	630A	800A	1000A	1250A	1600A	2000A	2500A	3200A
Rated insulation voltage(Ui V)	800	800	800	660	660	660	800	800	800	800	800	800	800
Dielectric strength (V)	5000	5000	5000	8000	8000	8000	8000	10000	10000	10000	10000	10000	10000
Rated impulse withstand voltage(Uimp kV) Installation level(IIV)	8	8	8	12	12	12	12	12	12	12	12	10	10
Rated Operation Current(Ie A) 380V AC21B	125	160	250	400	500	630	800	1000	1250	1600	2000	2500	3200

ASKG2 SERIES



Poles	Frequency	Rated operational voltage	Rated operational current	Rated short-time withstand current	Rated shortcircuit connection capability	Rated shortcircuit connection & breaking capability
1P	50Hz	230V	16A, 20A, 25A, 32A,	1.5kA/1s	2.5kA 0.1s	3Ie, 1.95Ie, COSΦ=0.65
2P, 3P, 4P	50Hz	400V	40A, 50A, 63A, 80A, 100A			

ASKG5 SERIES



Poles	Frequency	Rated operational voltage	Rated operational current	Rated short-time withstand current	Rated shortcircuit connection capability	Rated shortcircuit connection & breaking capability
1P	50Hz	230V	16A, 20A, 25A, 32A, 40A,	1.5kA/1s	2.5kA 0.1s	3Ie, 1.95Ie, COSΦ=0.65
2P, 3P, 4P	50Hz	400V	50A, 63A, 80A, 100A, 125A			

BAC Series Battery Charger



Category	Model	Input			Output			Insulation		Working temperature	Storage temperature	Weight	Structure Dimensions (L*W*H mm)
Items	BAC	Max input voltage	Frequency	Max input current	Factory charging current	Max output power	Min output voltage	Insulation resistance	Insulation voltage				
12 V	BAC-1206	AC(90~305)V	50Hz/60Hz	2.5A	6A	135W		When between input and output, output and shell are both 1min the insulation resistance 50M DC500V , R ≥L Ω	When between input and output, output and shell are both C150Hz 1min the leakage current I ≤ 3mA	(-30~55) C	(-40~85) C	0.65kg 0.65/ 1.15kg	143*96*55 (3A/5A/6A); 205*146*55 (10A);
24 V	BAC-2403			2.5A	3A	135W	7.5V						
	BAC-2405			2.5A	5A	135W							
	BAC-2410			4A	10A	290W							

HIGH QUALITY ELECTRICAL MANUFACTURER



VCB/ACB/MCCB/E-MCCB/RCCB/MCB
ATS/MTS/ATSC/ATS-BOX
LIS/CPS/SPD/VPS/IPM

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