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FREQUENCY CONVERTER

KEEP ON INNOVATING KEEP ON
SURPASSING



ZHEJIANG SPX ELECTRIC APPLIANCE CO.,LTD.



Zhejiang SPX Electric Appliance Co., Ltd. is a company integrating scientific research, development production and sales. Factories located in Yueqing economic development zone, Our products are sold worldwide.

The company has standard workshops and advanced production equipment as well as a well-trained professional technical team. Our concept of self-transcendence and coexistence with the enterprise and advanced quality awareness and perfect quality assurance system are applied throughout each production process.

SPX company produce frequency converter,solar water pump controller,solar switch DC parts ect.The company has passed china Compulsory Certification (CCC), CE Certification and ISO9001 standard Certification.

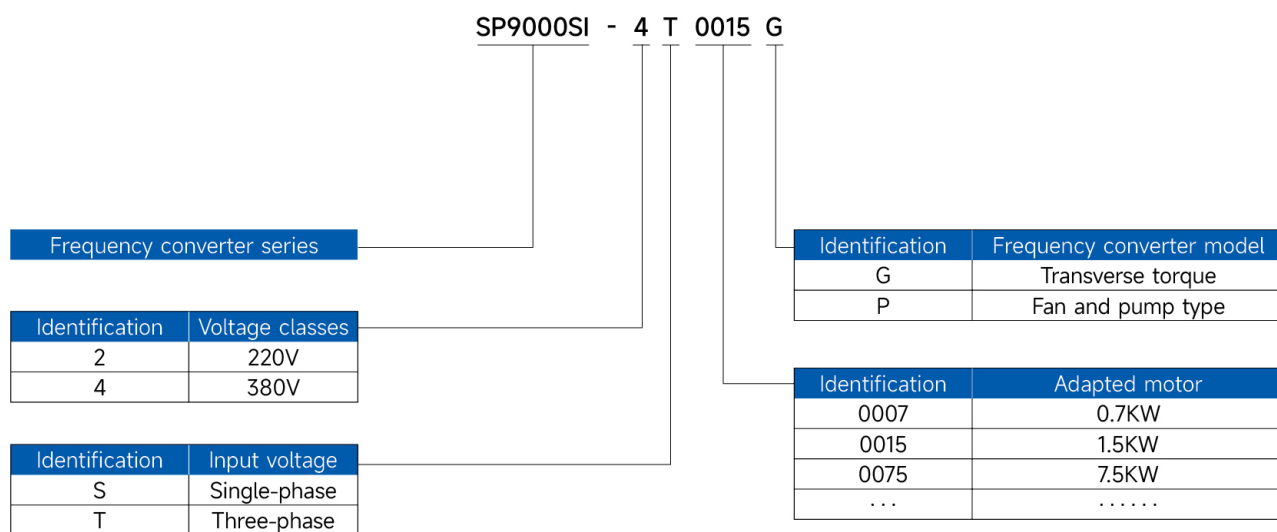
SPX Company has a close and modern plant with more than 10,000 square meters, first-class laboratories, processing centers, testing centers and first-rate facilities, which ensure the high quality of our products.Welcome customers at home and abroad to visit our company and work together for mutual benefit and create a brilliant future.

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SPX [®]	CE
Model: SP9000SI-4T0015G	IP20
Power: 1.5kW	
Input: AC 3PH 380V 50/60Hz	
Output: AC 3PH 0-380V 0-500Hz 3.8A	
S/N:	Made in China
ZHEJIANG SPX ELECTRIC CO.,LTD.	

■ NAMING RULE



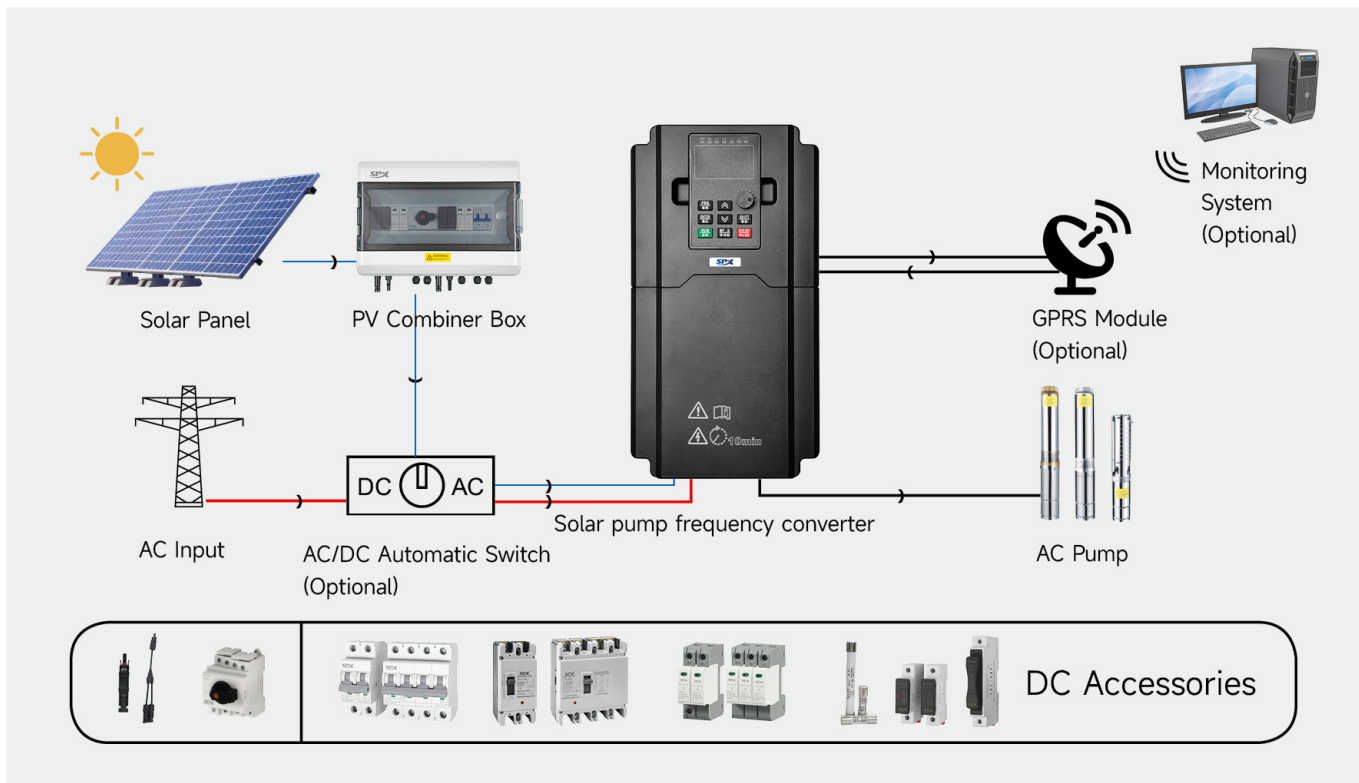
■ VOLTAGE DEGREE

Model	-SS2	-S2	-4	-9
AC Input Voltage (VAC)	1PH 220(-15%)~240(+10%)		3PH 380(-15%)~440(+10%)	
Output Voltage (VAC)	1PH 0-220V	3PH 0-220V	3PH 0-380V	
Max. DC Voltage (VDC)	450		800	900
Start-up Voltage (VDC)	200		300	
Lowest Working Voltage (VDC)	150		250	
Recommend DC Input Voltage Range (VDC)	200~450		300~750	300~850
Recommend MPP Voltage (VDC)	330		550	
Output Frequency (Hz)	0~400Hz			

FREQUENCY CONVERTER SERIES

Frequency converter model	Power capacity (KVA)	Input Current (A)	Output Current (A)	Adapted motor	
				KW	HP
Single-phase power supply: 220V(-10% to +15%, 50/60Hz)					
SP9000SI-2S0007G	1.5	8.2	4.0	0.75	1
SP9000SI-2S0015G	3.0	14	7.0	1.5	2
SP9000SI-2S0022G	4.0	23	9.6	2.2	3
SP9000SI-2S0040G	8.9	14.6	13	4.0	5
SP9000SI-2S0055G	17	26	25	5.5	7.5
Three-phase power supply: 220V(-10% to +15%, 50/60Hz)					
SP9000SI-2T0007G	3	5	3.8	0.75	1
SP9000SI-2T0015G	4	5.8	5.1	1.5	2
SP9000SI-2T0022G	5.9	10.5	9	2.2	3
SP9000SI-2T0040G	8.9	14.6	13	4.0	5
SP9000SI-2T0055G	17	26	25	5.5	7.5
SP9000SI-2T0075G	21	35	32	7.5	10
SP9000SI-2T0110G	30	46.5	45	11	15
SP9000SI-2T0150G	40	62	60	15	20
SP9000SI-2T0185G	57	76	75	18.5	25
SP9000SI-2T0220G	69	92	91	22	30
SP9000SI-2T0300G	85	113	112	30	40
SP9000SI-2T0370G	114	157	150	37	50
SP9000SI-2T0450G	135	180	176	45	60
SP9000SI-2T0550G	161	215	210	55	75
SP9000SI-2T0750G	236	315	304	75	100

Frequency converter model	Power capacity (KVA)	Input Current (A)	Output Current (A)	Adapted motor	
				KW	HP
Three-phase power supply: 380V(-10% to +15%, 50/60Hz)					
SP9000SI-4T0015G	3.0	5	3.8	1.5	2
SP9000SI-4T0022G	4.0	5.8	5.1	2.2	3
SP9000SI-4T0030G	5.0	8.0	7.2	3.0	4
SP9000SI-4T0040G	5.9	10.5	9	4.0	5
SP9000SI-4T0055G	8.9	14.6	13	5.5	7.5
SP9000SI-4T0075G	11	20.5	17	7.5	10
SP9000SI-4T0110G	17	26	25	11	15
SP9000SI-4T0150G	21	35	32	15	20
SP9000SI-4T0185G	24	38.5	37	18.5	25
SP9000SI-4T0220G	30	46.5	45	22	30
SP9000SI-4T0300G	54	57	60	30	40
SP9000SI-4T0370G	63	69	75	37	50
SP9000SI-4T0450G	81	89	91	45	60
SP9000SI-4T0550G	97	106	112	55	75
SP9000SI-4T0750G	127	139	150	75	100
SP9000SI-4T0900G	150	164	176	90	120
SP9000SI-4T1100G	179	196	210	110	150
SP9000SI-4T1320G	220	240	253	132	180
SP9000SI-4T1600G	263	287	304	160	210
SP9000SI-4T1850G	305	323	340	185	240
SP9000SI-4T2000G	334	365	377	200	260
SP9000SI-4T2200G	375	410	426	220	285
SP9000SI-4T2500G	404	441	465	250	320
SP9000SI-4T2800G	453	495	520	280	370
SP9000SI-4T3150G	517	565	585	315	420



■ HIGH EFFICIENCY AUTOMATIC MPPT

Maximum power point tracking function guarantees the system to get the highest power output from solar panel and maximizes the efficiency of pumping system.

■ BEST OFF-GRID SOLUTION

For off-grid area, solar pump frequency converter without battery is the most ideal solution for pumping.

■ PROFESSIONAL PUMP PROTECTION

Automatic start and stop in the morning, for full tank and water shortage of water well.

■ EASY OPERATION PROGRAM

The frequency converter is fully automatic. After connecting cables correctly, power on and it will run.



Rated power	0.75kW-4kW(220V)
	0.75kW-7.5kW(380V)
Feature	Flexible for installation, no need enclosure for protection

Rated power	0.75kW-37kW(220V)
	4kW-110kW(380V)
Feature	High waterproof and dustproof, excellent performance

DC MCB 10-63A

DC MCB 80-125A



SPECIFICATION

Model		SPXL7-63PV		SPXL7-125PV	
Frame Degree Rated Current		63A		125A	
Pole		2P	4P	2P	4P
Rated Operating Voltage (VDC)		12V, 24V, 48V,300V,600V,900V, 1200V		12V, 24V, 48V, 250V, 500V, 750V, 1000V	
Rated Current In (A)		10A,16A,20A,25A,32A,40A,50A,63A		80A, 100A, 125A	
Rated Insulation Voltage Ui (VDC)		1250VDC		1050VDC	
Rated Impact Voltage Uimp (kV)		6kV			
Ultimate Breaking Capacity Icu (kA)		6			
Run Breaking Capacity Ics (%Icu)		100			
Curve Type		C			
Trip Type		Thermal magnetic			
Mechanical	Actual average value	20000 times			
	Standard value	8500 times			
Electrical	Actual average value	2500 times			
	Standard value	1500 times			
Wiring Capacity (mm²)		In ≤ 32A 1.5-6mm²; In ≥ 40A, 10-16mm²		25-50mm²	
Ambient Temperature (° C)		-20° C-+70° C			
Altitude		≤ 2000m			
Relative Humidity		9.5%			
Pollution Level		2,3			
Installation Environment		No obvious shock and vibration			
Installation Category		Class II, Class II			
Installation		Standard din rai			
Dimensions(W)*(H)* (D)(mm)	W	35	70	54	108
	H	81	81	92	92
	D	76	76	72	72
Weight (kg)		0.2	0.4	0.32	0.64

DC MCCB 125~630A 1000V



SPECIFICATION

Model		SPM1-PV-125				SPM1-PV-250			SPM1-PV-400			SPM1-PV-630		
Pole		1P	2P	3P	4P	2P	3P	4P	2P	3P	4P	2P	3P	4P
Rated working voltage Ue (VDC)		250V	500V	750V	1000V	500V	750V	1000V	500V	750V	1000V	500V	750V	1000V
Max ralated current		125A				250A			400A			630A		
Rated current In (A)		16/20/25/32/40/ 50/63/80/100/125				100/125/150/ 200/225/250			250/300/ 350/400			400/500/630		
Rated insulated voltage Ui (V)		1000V												
Rated impulse withstand voltage		8kV												
Test voltage one minute (V)		3550V												
Ultimate short circuit breaking capacity (kA)Icu(Ics=75%Icu)	250V	20				20			35			35		
	500V													
	750V													
	1000V													
Mechanical life	Total times	7000				7000			4000			4000		
Electrical life	Total times	2000				2000			1000			1000		
Total break time (ms)		20				20			20			20		
Isolator capacity		Yes												
Operating temperature		-25° C--+50° C												
Protection grade		IP20												
Flashover distance		≥ 50												
Instantaneous action value		10In±10%												
Installation method		Fixed type												
Technical standard		IEC60947-2,IEC60947-1,GB14048.1,GB14048.2												

DC MCCB 125~800A 1500V



SPECIFICATION

Model	SPM3-PV-125	SPM3-PV-320	SPM3-PV-400	SPM3-PV-630	SPM3-PV-800
Pole	2P	2P	2P	2P	2P
Rated current of shell frame grade In (A)	125A	320A	400A	630A	800A
Rated current In (A)	63, 80, 100, 125	63, 80, 100, 125 140, 160, 180 200, 225, 250 315, 320	63, 80, 100, 125 140, 200, 225, 250, 315 350, 400	225, 250, 315 400, 500, 630	700, 800
Rated working voltage Ue (VDC)	500V	1000V	1500V	2000V	1500V
Rated insulated voltage Ui (V)	1000V	1200V	1500V	2000V	1500V
Rated impulse withstand voltage Uimp (kA)	12kA				
Short-circuit breaking capacity (kA)	20kA				
Icu (Ics=100% Icu)	20kA				
Wiring mode	Non-polarized				
Mechanical life (Total times)	20000		10000	5000	
Electrical life (Total times)	1500		700	700	
Solator capacity	Yes				
Standard	IEC60947-2.GB/T 14048.2				
Operating temperature	-40℃ -+70℃				
Protection grade	IP20				
Arcing distance(mm)	≤ 50(Zero arc, with arcing cover)				
Transient action value	10In				
With accessories	Auxiliary, Alarm, Off load, Hand operation, Electric operation				
Overall dimensions L*W*H(mm)	150	180	215	275	250
	64	76	88	108	124
	95	126	119	145.5	165

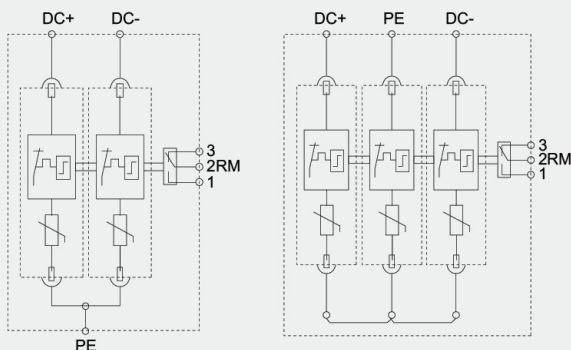
DC SURGE PROTECT DEVICE(SPD)



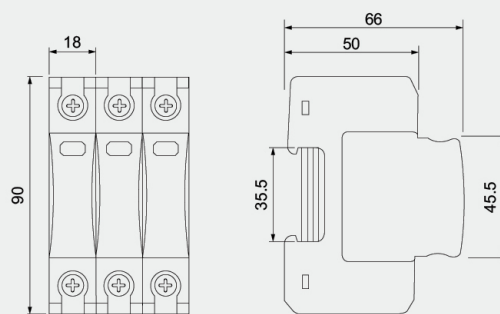
SP-T2 DC Surge Protect Device (DC SPD)

SPECIFICATION

Model	SP-T2-DC/2P	SP-T2-DC/3P
Rated voltage (max.continuous a.c.voltage) [U _c]	800VDC / 1000VDC / 1200VDC / 1500VDC	
Nominal discharge current (8/20) [I _n]	20kA	
Maximum discharge current [I _{max}]	40kA	
Voltage protection level [U _p]	3.2kV / 4.0kV / 4.4kV / 5.2kV	
Response time [t _A]	≤ 25ns	
Max. backup fuse	125A gL/gG	
Operating temperature range [T _U]	-40°C ...+80°C	
Cross-sectional area	1.5mm ² ~ 25mm ² solid / 35mm ² flexible	
Mounting on	35mm DIN rail	
Enclosure materia	Purple(module) / light gray (base) thermoplastic,UL94-V0	
Dimension	1 mod	
Test standards	IEC61643-31 GB/T18802.11	
Certification	CE ROHS ISO9001COC TUV	
Type of remote signalling contact	Switching contact	
Switching capacity a.c.	250V / 0.5A	
Switching capacity d.c.	250V / 0.1A; 125V / 0.2A; 75V / 0.5A	
Cross-sectional area for remote signalling contact	Max.1.5mm ² solid / flexible	



Schematic circuit



Dimension

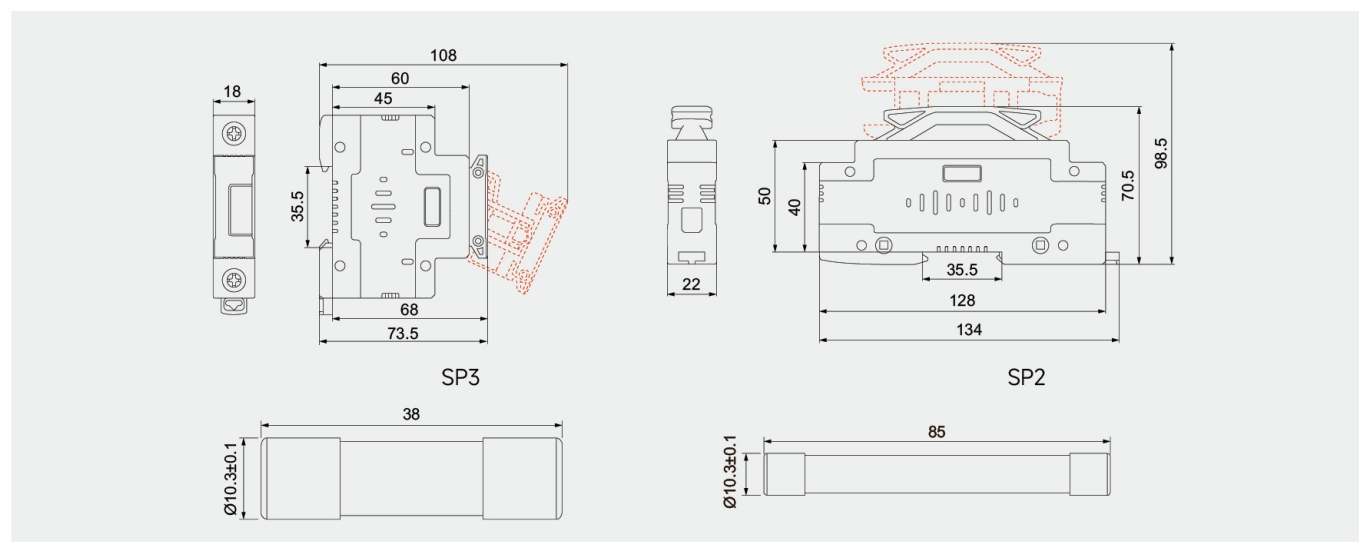
DC FUSE



SP2/SP3 Series DC Fuse

SPECIFICATION

Model	SP3-32	SP3-32L (With a indicator)	SP2-50	
Dimensions (mm)	10*38		10*85	14*85
Rated voltage (V)	DC1000		DC1500	
Rated amp (A)	3, 4, 5, 6, 8, 10, 12, 15 16, 20, 25, 30		1, 2, 3, 4, 5, 6, 8, 10, 12, 15 16, 20, 25, 30, 32, 35	15, 16, 20, 25, 30, 32 35, 40, 45, 50
Power loss (W)	6		16	
Pole	1P			
Protection grade	IP20			
Connection	1.5-16mm ²			
Operation ambient temperature	-30℃ ~+70℃			
Resistance and damp hot	Class 2			
Elevation	<2000m			
Installation way	TH35-7.5/DIN35 Rail installation			
RH(relative air humidity)	When+20℃ , not exceed 95%; When+40℃ , not exceed 50%			
Pollution class	2/3			
Installation environment	The place of no abvious vibrate & impact			
Installation class	III			
W*H*L(mm)	88*73.5*18		134*70.5*22	



PV COMBINER BOX



SPECIFICATION

Model	SPCB-MDP1/1N	SPCB-MDP2/1N	SPCB-MDP3/1N	SPCB-MDP4/1N
Number of DC Inputs	1	2	3	4
Material of Box	PC			
Max. Rated Voltage DC	500V	1000V		
DC Fuse	15A (Recommend 15A, support other ampere)			
Fuse Holder	1000V DC 32A			
DC Breaker	15A	32A	45A	63A
Surge Protection DC	Type II, In =20kA, I _{max} =40kA, U _{cp} V=1000V DC			
Over-Voltage Category	Cat III			
Connection Type Dc Input	PG09/PV Connector, IP68			
Input Cable Size for Negative and Positive	Ø4-8mm			
Number of DC Outputs	1 (Support customize for output number)			
Connection Type DC Output	PG13.5			
Ambient Temperature Range/Humidity	Temperature: -20° C~+60° C, Humidity: 0-99%			
Altitude	≤ 2000m Derating for above 2000m			
Installation	Wall mounting / Padlockable latch			

Optional Customized Service:

1. Support PV connector
2. Support drawing customization
3. Support installation of DC isolator switch
4. Support 2 input 2 output, 4 input 2 output, etc.

PV COMBINER BOX



SPECIFICATION

Model	SP2/1	SP4/1	SP6/1	SP8/1	SP10/1	SP12/1	SP16/1	SP20/1	SP24/1
Number of DC Inputs	2	4	6	8	10	12	16	20	24
Material of Box	Coated Iron								
Protection Level	IP65								
IK Impact Resistance Class	IK08								
Max. Rated Voltage DC	1000V (support 1500V)								
DC Fuse	20A (Recommend 20A,support other ampere)								
Fuse Holder	1000V DC 32A								
DC Breaker	40A	80A	125A	160A	200A	225A	315A	400A	500A
Surge Protection DC	Type II, In=20kA, I _{max} =40kA, U _{cpv} =1000V DC (Support 1500V)								
Over-Voltage Category	Cat III								
Diode for The Function of Anti-reflux	Bulid in								
Connection Type DC Input	PG09/PV connector, IP68								
Input Cable Size for Negative and Positive	Ø4-8 mm								
Number of DC Outputs	1 (Support customize for output number)								
Gland Connectors	Material: Nylon Plastic, Seals: Nitrile Rubber Buna, IP68								
Ambient Temperature Range/Humidity	Temperature: -20° C~+60° C, Humidity: 0-99%								
Altitude	≤ 2000m Derating for above 2000m								
Installation	Wall mounting/Padlockable latch								

Optional Customized Service:

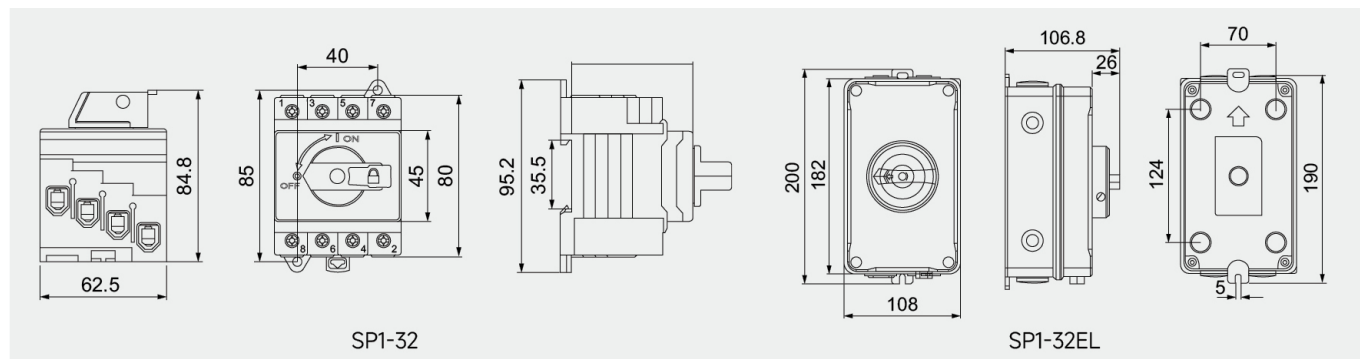
1. Support 1500V
2. Support PV connector
3. Support monitoring function
4. Support installation of DC isolator switch
5. Support 2 input 2 output, 4 input 2 output, etc.

DC ISOLATOR SWITCH

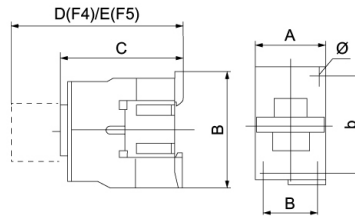
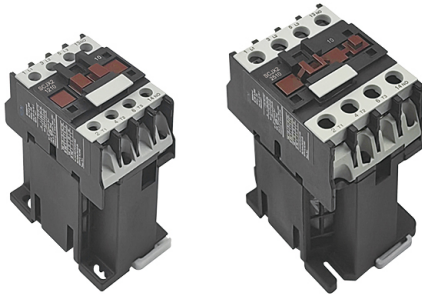


SPECIFICATION

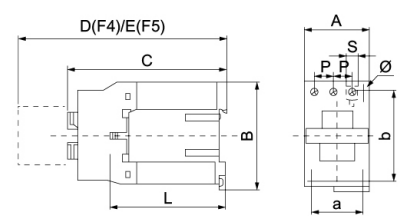
Model	SP1-32	SP1-32EL
Function	Isolating, controlling	
Standard	IEC60947-3, AS60947.3	
Utilization category	DC-PV1/DC-PV2	
Pole number	4P	
Rated frequency	DC	
Rated voltage(Ue)	300V/600V/800V/1000V/1200V	
The rated insulation voltage(Ui)	1200V	
Rated short time withstand current (Icw)	1KA/1S(4,4S,4B),1.7KA/1S(2H)	
Limit short circuit breaking capacity (Icn)	3KA	
The rated impulse voltage(Uimp)	8.0KV	
Overvoltage category	II	
Polarity	Mechanical non polarity, "+" and "-" polarity can be interchanged	
Mechanical life	9700	
Electrical life	300	
Protection level	IP20/IP66	
The environment temperature	-40° C~+85° C	
Installation type	Vertical or horizontal	
Pollution degree	3	



DC CONTACTOR



SCJX2-D09~12



SCJX2-D09Z~32Z

SPECIFICATION

Model			SCJX2-Z09	SCJX2-Z12	SCJX2-Z18	SCJX2-Z25	SCJX2-Z32
Parameter Project	Structure		1(3P)		2(3P)	3(4P)	4(3P)
Rated conventional heating current (A) AC-1			20	20	32	40	50
Rated working current (A)	380V	AC-3	9	12	18	25	32
	400V	AC-4	3.5	5	7.7	8.5	12
	660V	AC-3	6.6	8.9	12	18	21
	690V	AC-4	1.5	2	3.8	4.4	7.5
Rated insulation voltage (VAC)			690	690	690	690	690
Controllable three-phase squirrel-cage motor power (AC-3)	KW	220/360V	2.2	3	4	5.5	7.5
		380/400V	4	5.5	7.5	11	15
		660/690V	5.5	7.5	10	15	18.5
	hp	220V	3	5	7.5	7.5	10
		240V	3	5	7.5	7.5	15
		400V	5	7.5	10	15	20
		600V	5	7.5	10	15	20
Operating frequency (times/h)	Electrical life	AC-3	1200	1200	1200	1200	600
		AC-4	300	300	300	300	300
	Mechanical life		3600	3600	3600	3600	3600
Electrical life (x10 ³ times)		AC-3	1000	1000	1000	1000	800
		AC-4	200	200	200	200	200
Electrical life (x10 ⁶ times)			10	10	10	10	8
Equipped fuse model			RT16-20	RT16-20	RT16-32	RT16-40	RT16-50

THE COIL VOLTAGE OF THE DC CONTACTOR IS (24V,110V,220V)

Parameter Project			Model	SCJX2-09(Z)	SCJX2-12(Z)	SCJX2-18(Z)	SCJX2-25(Z)	SCJX2-32(Z)
			Structure	1(3P)	2(3P)	3(4P)	4(3P)	
Rated conventional heating current (A) AC-1				20	20	32	40	50
Rated working current (A)	380V	AC-3	9	12	18	25	32	
	400V	AC-4	3.5	5	7.7	8.5	12	
	660V	AC-3	6.6	8.9	12	18	21	
	690V	AC-4	1.5	2	3.8	4.4	7.5	
Rated insulation voltage (VAC)				690	690	690	690	690
Controllable three-phase squirrel-cage motor power (AC-3)	KW	220/360V	2.2	3	4	5.5	7.5	
		380/400V	4	5.5	7.5	11	15	
		660/690V	5.5	7.5	10	15	18.5	
Operating frequency (times/h)	Electrical life	AC-3	1200	1200	1200	1200	600	
		AC-4	300	300	300	300	300	
	Mechanical life		3600	3600	3600	3600	3600	
Electrical life (x10 ³ times)		AC-3	1000	1000	1000	1000	800	
		AC-4	200	200	200	200	200	
Electrical life (x10 ⁶ times)				10	10	10	10	8
Equipped fuse model				RT16-20	RT16-20	RT16-32	RT16-40	RT16-50

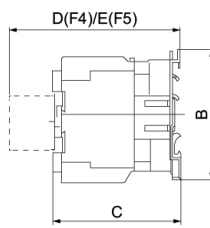
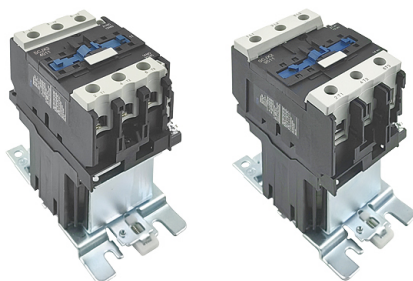
ACCESSORY

Model			SCJX2-09(Z)	SCJX2-12(Z)	SCJX2-18(Z)	SCJX2-25(Z)	SCJX2-32(Z)
AC coil	Coil power	Attraction (VA)	70	70	70	110	110
		Maintain (VA)	8	8	8	11	11
		Power (W)	1.8~2.7	1.8~2.7	1.8~2.7	3~4	3~4
	Range of motion	Attraction voltage	(85%~110%)Us				
		Release voltage	(20%~75%)Us				
	Coil voltage(50/60Hz)(V)		24,36,48,110,127,220,240,380,415,440,480,500,600,660				
DC coil	Coil power		9	9	11	11	11
	Range of motion	Attraction voltage	(85%~110%)Us				
		Release voltage	(10%~75%)Us				
	Coil voltage (V)		24,36,48,110,220				

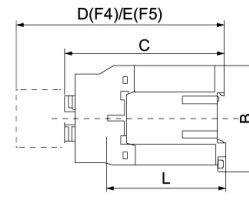
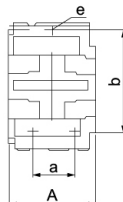
OVERALL DIMENSION

Model	A max	B max	C max	D max	E max	a	b	Ø	L	P	S
SCJX2-09(Z)-12(Z)	47	76	82(116)	120.5(174.5)	140.5(174.5)	34/35	50/60	4.5	60(95)	10.5	8.6
SCJX2-18(Z)	47	76	82(122)	125.5(180.5)	145.5(180.5)	34/35	50/60	4.5	61(96)	11.3	10.4
SCJX2-25(Z)	57	86	95(131)	133.5(189.5)	143.5(187.5)	40	48	4.5	70(107)	13.2	11.7
SCJX2-32(Z)	57	86	100(138)	138.5(196.5)	158.5(196.5)	40	48	4.5	71.6(120)	14.5	13

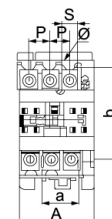
DC CONTACTOR



SCJX2-D40-95



SCJX2-D40Z-95Z



SPECIFICATION

Model			SCJX2-Z40	SCJX2-Z50	SCJX2-Z65	SCJX2-Z80	SCJX2-Z95
Parameter	Structure		5(3P,4P)			6(3P,4P)	
Rated conventional heating current (A) AC-1			60	80	80	95	95
Rated working current (A)	380V	AC-3	40	50	65	80	95
	400V	AC-4	18.5	24	28	37	44
	660V	AC-3	34	39	42	49	49
	690V	AC-4	9	12	14	17.5	21.3
Rated insulation voltage (VAC)			690	690	690	690	690
Controllable three-phase squirrel-cage motor power (AC-3)	KW	220/360V	11	15	18.5	22	25
		380/400V	18.5	22	30	37	45
		660/690V	30	37	37	45	45
	hp	220V	15	15	20	25	30
		240V	20	20	25	30	30
		400V	25	30	40	40	50
Operating frequency (times/h)	Electrical life	AC-3	600	600	600	600	600
		AC-4	300	300	300	300	300
	Mechanical life		3600	3600	3600	3600	3600
	Electrical life (x10 ³ times)		AC-3	800	600	600	600
		AC-4	150	150	150	100	100
Electrical life (x10 ⁶ times)			8	8	8	6	6
Equipped fuse model			RT16-63	RT16-80	RT16-80	RT16-100	RT16-125

THE COIL VOLTAGE OF THE DC CONTACTOR IS (24V,110V,220V)

Model Structure			SCJX2 -40(Z)	SCJX2 -50(Z)	SCJX2 -65(Z)	SCJX2 -80(Z)	SCJX2 -95(Z)
			5(3P,4P)			6(3P,4P)	
Rated conventional heating current (A) AC-1			60	80	80	95	95
Rated working current (A)	380V	AC-3	40	50	65	80	95
	400V	AC-4	18.5	24	28	37	44
	660V	AC-3	34	39	42	49	49
	690V	AC-4	9	12	14	17.3	21.3
Rated insulation voltage (VAC)			690	690	690	690	690
Controllable three-phase squirrel-cage motor power (AC-3)	KW	220/360V	11	15	18.5	22	25
		380/400V	18.5	22	30	37	45
		660/690V	30	37	37	45	45
Operating frequency (times/h)	Electrical life	AC-3	600	600	600	600	600
		AC-4	300	300	300	300	300
	Mechanical life		3600	3600	3600	3600	3600
Electrical life (x10 ³ times)		AC-3	800	600	600	600	600
		AC-4	150	150	150	100	100
Electrical life (x10 ⁶ times)			8	8	8	6	6
Equipped fuse model			RT16- 63	RT16- 80	RT16- 80	RT16- 100	RT16- 125

ACCESSORY

Model			SCJX2-40(Z)	SCJX2-50(Z)	SCJX2-65(Z)	SCJX2-80(Z)	SCJX2-90(Z)
AC coil	Coil power	Attraction (VA)	200	200	200	200	200
		Maintain (VA)	20	20	20	20	20
		Power (W)	6-10	6-10	6-10	6-10	6-10
	Range of motion	Attraction voltage	(85%~110%)Us				
		Release voltage	(20%~75%)Us				
	Coil voltage(50/60Hz)(V)		24,36,48,110,127,220,240,380,415,440,480,500,600,660				
DC coil	Coil power		20	20	20	20	20
	Range of motion	Attraction voltage	(85%~110%)Us				
		Release voltage	(10%~75%)Us				
	Coil voltage (V)		24,36,48,110,220				

OVERALL DIMENSION

Model	A max	B max	C max	D max	E max	a	b	Ø	L	P	S
SCJX2-4011(Z)~6511(Z)	77	129	116(173)	154.5(231.5)	174.5(231.5)	40	100/110	6.5	78(135)	20	8.6
SCJX2-4004/4008(Z)~6504/6508(Z)	84	129	116(173)	154.5(231.5)	174.5(231.5)	40	100/110	6.5	78(135)	20	8.6
SCJX2-8011(Z)~9511(Z)	87	129	127(188)	165.5(246.5)	185.5(246.5)	40	100/110	6.5	83(140)	23.5	12
SCJX2-8004/8008(Z)~9504/9508(Z)	96	129	127(183)	160.5(241.5)	180.5(241.5)	40	100/110	6.5	83(140)	23.5	12

PV CONNECTOR



SPECIFICATION

Connector type	General type, Diode type, Fuse type		2T/3T/4T15T/6T	2Y13Y14Y
Rated voltage	1000VDC	1500VDC	1000VDC	
Rated current	30A(2.5mm ² , 4mm ² , 6mm ² ; 14AWG, 12AWG,10AWG) 45A(4mm ² , 6mm ² ; 12AWG,10AWG)	30A(2.5mm ² , 4mm ² , 6mm ² ; 14AWG, 12AWG, 10AWG) 45A(4mm ² , 6mm ² ; 12AWG,10AWG) 60A(10mm ² ; 8AWG), 80A(16mm ² ; 7AWG)	20A(4mm ²) 30A(6mm ²)	
Ambient temperature range	-40°C ...+90°C (IEC)-40 °F ...+194 °F (UL)		-40°C -+105°C	
Degree of protection, mated	IP67, IP2X		IP67	
Contact resistance	0.5mΩ		0.5mΩ	
Contact ateria	Copper alloy, tin plated		Copper alloy, tin plated	
Insulation material	PC/PPO		PPO, Black	
Flame class	UL-94-VO		UL-94-VO	
Safety class	II		II	
Test voltage	6kV(50HZ, 1min.)		/	
Connector system	Φ2.5mm, Φ4mm, Φ6mm	Φ2.5mm, Φ4mm, Φ6mm, Φ10mm, Φ16mm	/	
Upper limiting temperature	+105°C (IEC)		/	
Locking system	Snap-in		/	
Salt mist spray test, degree of severity 5	IEC 60068-2-52		/	
Single core cable section	/		1.5mm ² -6mm ²	
Cable outer diameter	/		1.5mm ² -6mm ²	
Insulation resistance	/		>500mΩ	
Terminal connection	/		Crimping	



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