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Electric Products

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SINOASIAN



Not be the same, be original!

About us

Sinoasian is acknowledged as one leading manufacturer and exporter of electrical products in Liushi, Wenzhou, "Electrical Capital of China", near to Wenzhou, Ningbo and Shanghai Air and Sea Ports, which makes our factory ideally and conveniently located for easily accessing to international transportation connections by land, air and sea.

We have the advanced machines, production lines, skilled workers and excellent managing and service teams, in order to provide your honor with the top-quality products and perfect services.

Sinoasian Technology takes the quality of the products and the services as life. Our products have got the CE, CB, CCC, ROHS, ISO9001 & other international certificates approval.

Our products are mainly exported to Asia, Euro, Latin America and Africa. In order to meet new challenges and satisfy the increasing customers' requirements on our products and service, we will consistently keep on updating and developing ourselves.

Contents

A1-A20

SP3-80V(S) series adjustable voltage protector	A1
SP3-80VA(S) series adjustable voltage current protector	A2
SP3-63N series adjustable voltage current protector	A3
SP3-63NR/NW series adjustable voltage current protector	A4
SP3-63T series adjustable voltage current protector	A5
SP3-63R(W) series adjustable voltage current protector	A6
SP6-15V(A) series adjustable voltage (current) protector	A7
SP6-80V// series adjustable voltage/current protector	A8
SP6-80VA series adjustable voltage current protector	A9
SP6-80DT series adjustable voltage current protector	A10
SP7-12(D) series electronic circuit breaker	A11
SP7-63/100 series electronic circuit breaker	A12
SP9-100N series 3p adjustable voltage current protector	A13
SVP-7/7N/7D series socket voltage protector	A14
SPS1-16 series three phase multi-function protector	A15
SFL1-1 series floatless level switch	
STR1-M1/2 series multi-finction time relay	A16
SSP1-16 series switching power supply	A17
SLA1-16 series light activated switch	A18
SWIS1/2-16 series WiFi intelligent waterproof socket	

SP3-80V(S) Series

Adjustable Voltage Protector

Functions & Features

SP3-80V(S) series is one of voltage protectors developed and manufactured by adopting international advanced technology, supplying with multiple functions (over under voltage, auto reconnect, voltage display and adjustable voltage & time) in 40-60Hz, widely used in the environments of electric, industry and commerce.

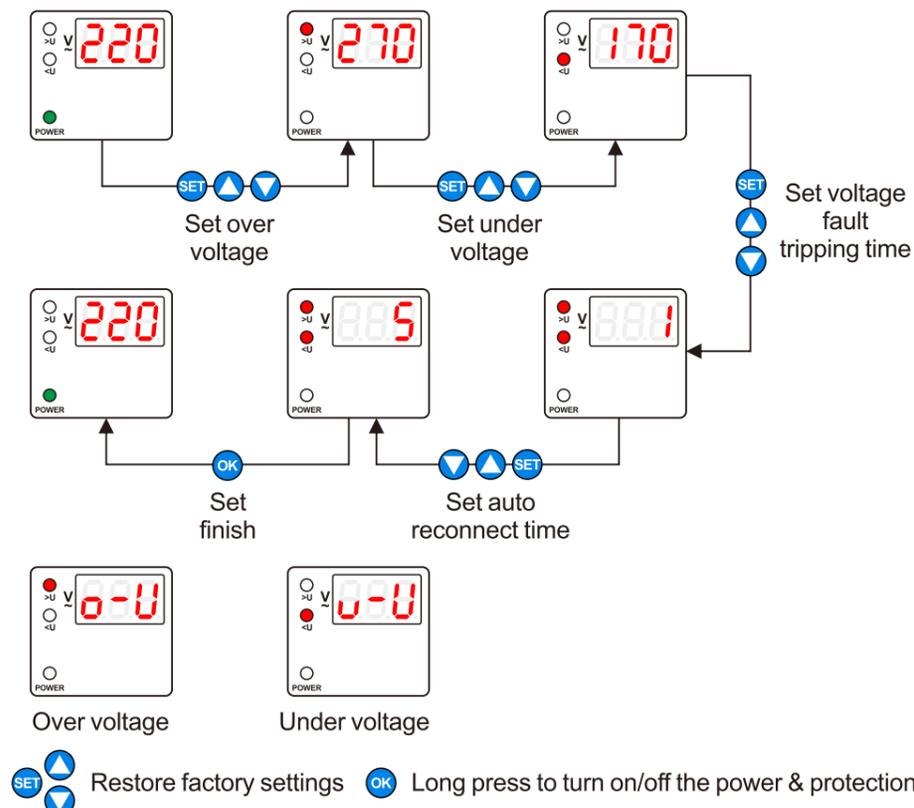
Technical Parameters

Mode code	SP3-80V	SP3-80VS
Pole number	2P (36mm)	
Rated voltage	220/230V AC	110/120V AC
Rated current	40A, 63A, 80A	
Over-voltage range	230-300V (Default 270V)	120-170V (Default 135V)
Under-voltage range	110-210V (Default 170V)	60-110V (Default 90V)
Tripping time	1-30S (Default 1S)	
Reconnect time	1-500S (Default 5S)	
Power consumption	<1W	
Ambient temperature	-20°C-70°C	
Electro-mechanical life	100,000	
Installation	35mm symmetrical DIN rail	



SP3-80V

Parameters Settings



SP3-80VA(S) Series

Adjustable Voltage Current Protector

Functions & Features

SP3-80VA(S) series is one of voltage current protectors developed and manufactured by adopting international advanced technology, supplying with multiple functions (over under voltage, over current, auto reconnect, voltage current display and adjustable voltage, current & time), widely used in the environments of electric, industry and commerce.

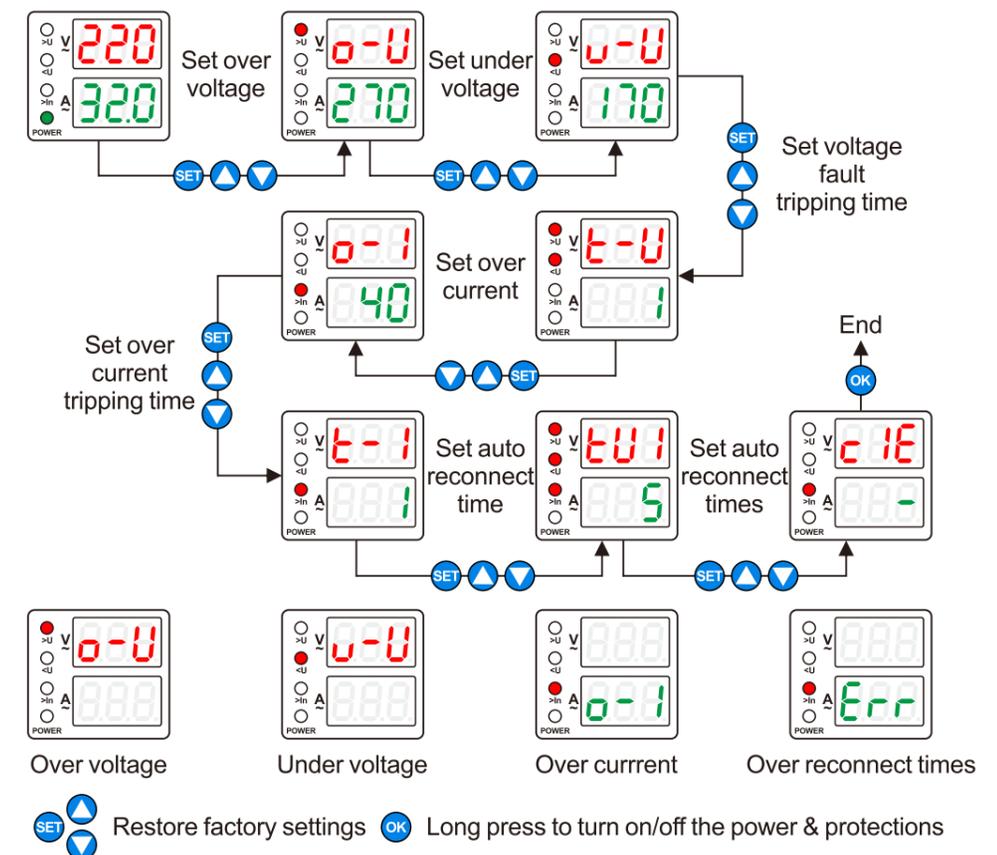
Technical Parameters

Mode code	SP3-80VA	SP3-80VAS
Pole number	2P (36mm)	
Rated voltage	220/230V AC	110/120V AC
Rated current	1-40A (Default 40A), 1-63A/80A (Default 63A)	
Over-voltage range	230-300V (Default 270V)	120-170V (Default 135V)
Under-voltage range	110-210V (Default 170V)	60-110V (Default 90V)
Tripping time	1-30S (Default 1S)	
Reconnect time	1-500S (Default 5S)	
Auto reconnect times	0-20T (Default -, unlimited)	
Power consumption	<1W	
Ambient temperature	-20°C-70°C	
Electro-mechanical life	100,000	
Installation	35mm symmetrical DIN rail	



SP3-80VA

Parameters Settings



SP3-63N Series

Adjustable Voltage Current Protector

Functions & Features

SP3-63N series is one of voltage current protectors developed and manufactured by adopting international advanced technology, supplying with multiple functions (over under voltage, over current, high temperature, auto reconnect, real display of parameters and adjustable parameters) in 40-60Hz, used in the environments of electric, industry and commerce.

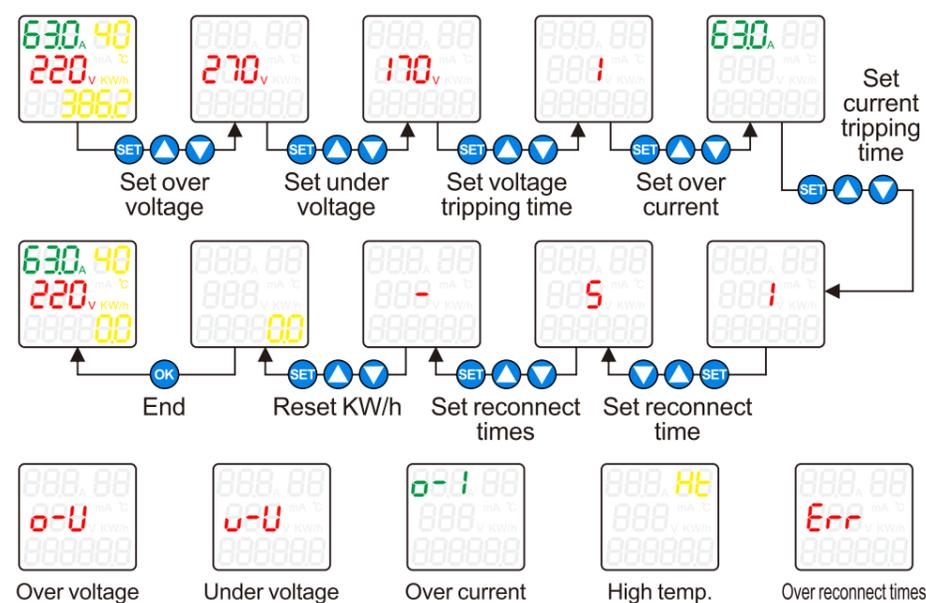


SP3-63N

Technical Parameters

Mode code	SP3-63N
Pole number	2P (36mm)
Rated voltage	220/230V AC
Rated current	1-63A (Default 63A)
Over-voltage range	230-300V (Default 270V)
Under-voltage range	110-210V (Default 170V)
Tripping time	1-30S (Default 1S)
Reconnect time	1-500S (Default 5S)
High temp. protection	>85°C (Internal temperature)
Energy measurement	0~99999.9KW/h
Auto reconnect times	0-20T (Default -, unlimited)
Power consumption	<1W
Ambient temperature	-20°C-70°C
Electro-mechanical life	100,000
Installation	35mm symmetrical DIN rail

Parameters Settings



Restore factory settings
 Long press to turn on/off the power & protections

SP3-63NR/NW Series

Adjustable Voltage Current Protector

Functions & Features

SP3-63NR/NW series is one of voltage current protectors developed and manufactured by adopting international advanced technology, supplying with multiple functions (over under voltage, over current, residual current, high temperature, WiFi control, auto reconnect, real display of parameters and adjustable parameters) in 40-60Hz, used in the environments of electric, industry and commerce.



SP3-63NR

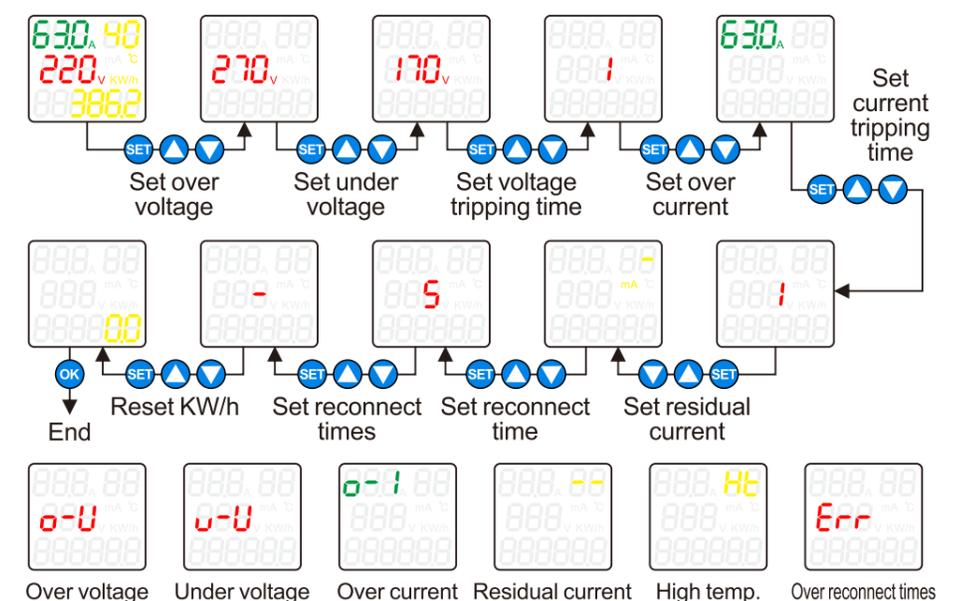
Technical Parameters

Mode code	SP3-63NR	SP3-63NW
Pole number	2P (36mm)	
Rated voltage	220/230V AC	
Rated current	1-63A (Default 63A)	
Over-voltage range	230-300V (Default 270V)	
Under-voltage range	110-210V (Default 170V)	
Tripping time	1-30S (Default 1S)	
Reconnect time	1-500S (Default 5S)	
Residual current	10-99mA (Default -, OFF), <0.5S	
WiFi control	No	Yes
High temp. protection	>85°C (Internal temperature)	
Energy measurement	0~99999.9KW/h	
Auto reconnect times	0-20T (Default -, unlimited)	
Power consumption	<1W	
Ambient temperature	-20°C-70°C	
Electro-mechanical life	100,000	
Installation	35mm symmetrical DIN rail	



SP3-63NW
(WiFi type)

Parameters Settings



Long press to set WiFi
 Restore factory settings
 Long press to turn on/off the power & protections

SP3-63T Series

Adjustable Voltage Current Protector

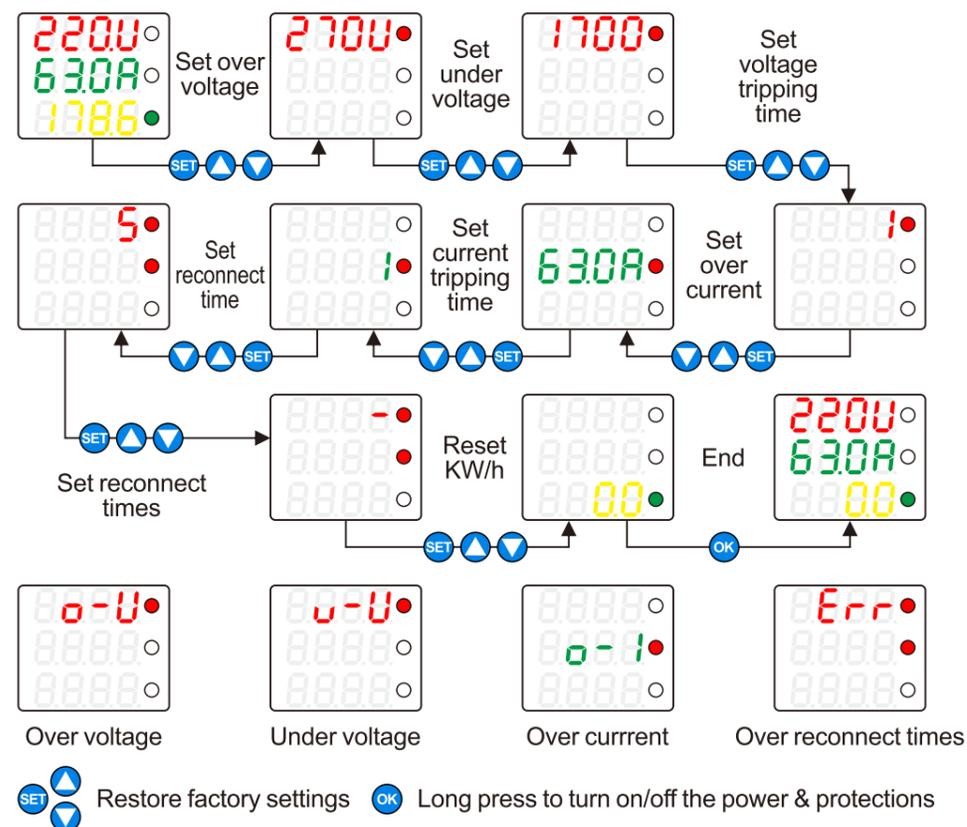
Functions & Features

SP3-63T series is one of voltage current protectors developed and manufactured by adopting international advanced technology, supplying with multiple functions (over under voltage, over current, auto reconnect, real display of parameters and adjustable parameters) in 40-60Hz, used in the environments of electric, industry and commerce.

Technical Parameters

Mode code	SP3-63T
Pole number	2P (36mm)
Rated voltage	220/230V AC
Rated current	1-63A (Default 63A)
Over-voltage range	230-300V (Default 270V)
Under-voltage range	110-210V (Default 170V)
Tripping time	1-30S (Default 1S)
Reconnect time	1-500S (Default 5S)
Energy measurement	0~999.9KW/h
Auto reconnect times	0-20T (Default -, unlimited)
Power consumption	<1W
Ambient temperature	-20°C-70°C
Electro-mechanical life	100,000
Installation	35mm symmetrical DIN rail

Parameters Settings



SP3-63N

SP3-63R(W) Series

Adjustable Voltage Current Protector

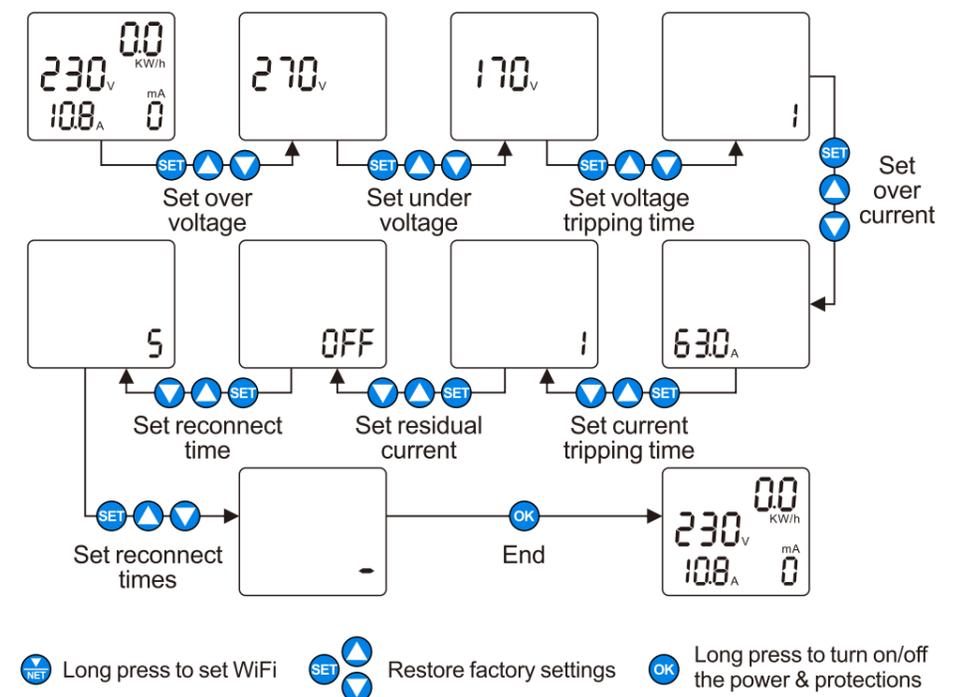
Functions & Features

SP3-63R(W) series is one of voltage current protectors developed and manufactured by adopting international advanced technology, supplying with multiple functions (over under voltage, over current, residual current, WiFi control, auto reconnect, real display of parameters and adjustable parameters) in 40-60Hz, used in the environments of electric, industry and commerce.

Technical Parameters

	SP3-63R	SP3-63RW
Mode code	SP3-63R	SP3-63RW
Pole number	2P (36mm)	
Rated voltage	220/230V AC	
Rated current	1-63A (Default 63A)	
Over-voltage range	230-300V (Default 270V)	
Under-voltage range	110-210V (Default 170V)	
Tripping time	1-30S (Default 1S)	
Reconnect time	1-500S (Default 5S)	
Residual current	10-99mA (Default -, OFF), <0.5S	
WiFi control	No	Yes
Energy measurement	0~99999.9KW/h	
Auto reconnect times	0-20T (Default -, unlimited)	
Power consumption	<1W	
Ambient temperature	-20°C-70°C	
Electro-mechanical life	100,000	
Installation	35mm symmetrical DIN rail	

Parameters Settings



SP3-63NR



SP3-63NW (WiFi type)

SP6-16V(A) Series Adjustable Voltage (Current) Protector

Functions & Features

SP6-16V(A) series is one of voltage current protectors developed and manufactured by adopting international advanced technology, supplying with multiple functions (over under voltage, over current, auto reconnect, voltage current display and adjustable voltage, current & time), widely used in the environments of electric, industry and commerce.

Technical Parameters

Mode code	SP6-16V	SP6-16VA
Pole number	1P (18mm)	
Rated voltage	220/230V AC	
Rated current	16A	1-16A (Default 16A)
Over-voltage range	230-300V (Default 270V)	
Under-voltage range	110-210V (Default 170V)	
Tripping time	1-30S (Default 1S)	
Reconnect time	1-500S (Default 5S)	
Auto reconnect times	0-20T (Default -, unlimited)	
Power consumption	<1W	
Ambient temperature	-20°C-70°C	
Electro-mechanical life	100,000	
Installation	35mm symmetrical DIN rail	

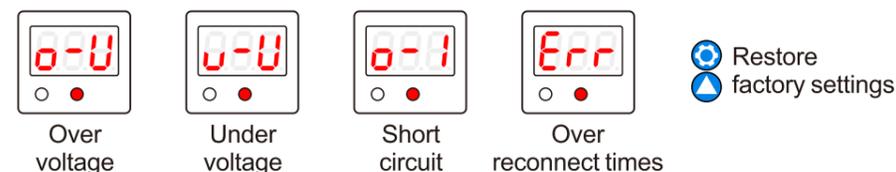
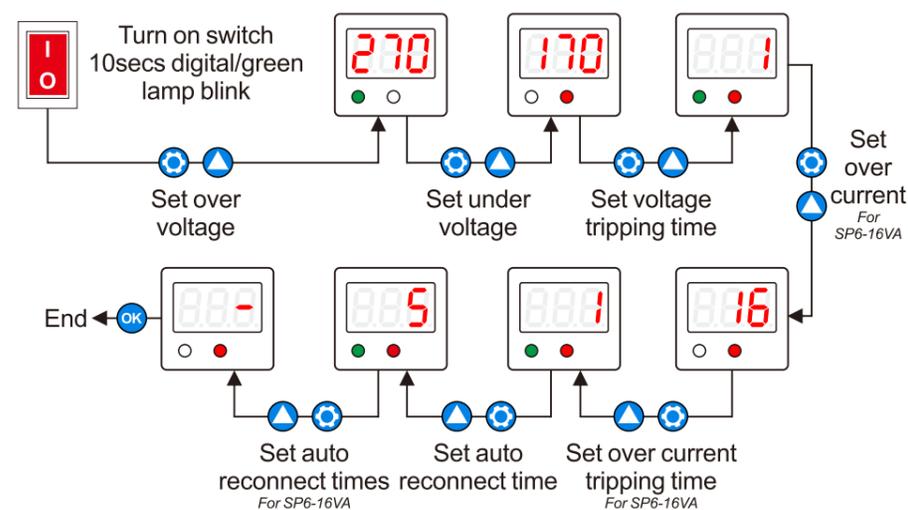


SP6-16V



SP6-16VA

Parameters Settings



SP6-80V/I Series Adjustable Voltage/Current Protector

Functions & Features

SP6-80V/I series is one of voltage/current protectors developed and produced by adopting international advanced technology, supplying with multiple functions (over under voltage/over current, auto reconnect, voltage display and adjustable voltage & time) in 40-60Hz, widely used in the environments of electric, industry and commerce.

Technical Parameters

Mode code	SP6-80V	SP6-80I
Pole number	2P (36mm)	
Rated voltage	220/230V AC	110-300V AC
Rated current	40A, 63A, 80A	1-40A, 1-63A, 1-80A
Over-voltage range	230-300V (Default 270V)	-
Under-voltage range	110-210V (Default 170V)	-
Tripping time	1-30S (Default 1S)	
Reconnect/Power on time	1-500S (Default 5S)	
Auto reconnect times	-	0-20T (Default -, unlimited)
Power consumption	<1W	
Ambient temperature	-20°C-70°C	
Electro-mechanical life	100,000	
Installation	35mm symmetrical DIN rail	

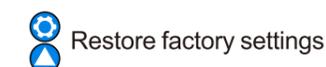
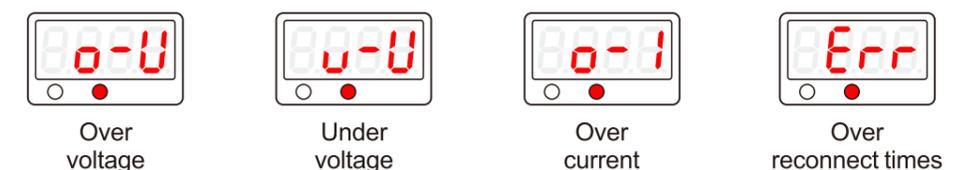
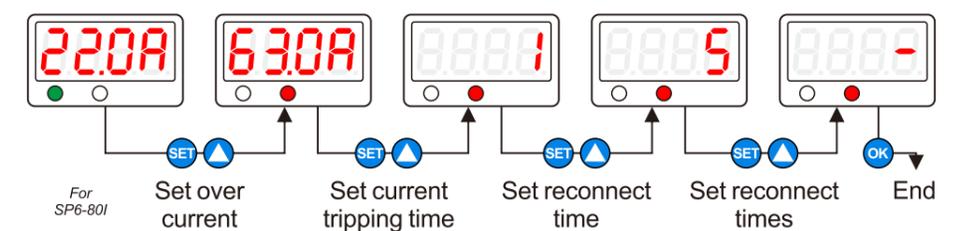
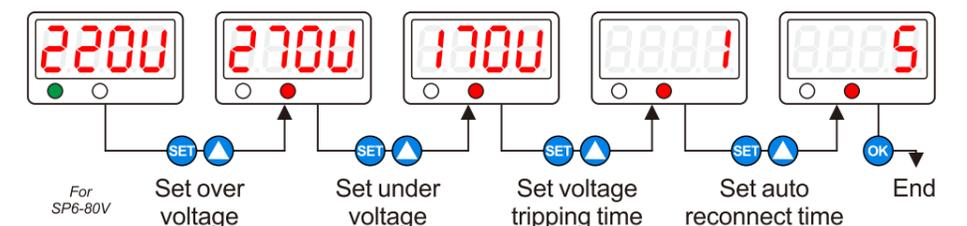


SP6-80V



SP6-80I

Parameters Settings



SP6-80VA Series

Adjustable Voltage Current Protector

Functions & Features

SP6-80VA series is one of voltage current protectors developed and produced by adopting international advanced technology, supplying with multiple functions (over under voltage, over current, auto reconnect, voltage current display and adjustable voltage, current & time) in 40-60Hz, widely used in the environments of electric, industry and commerce.

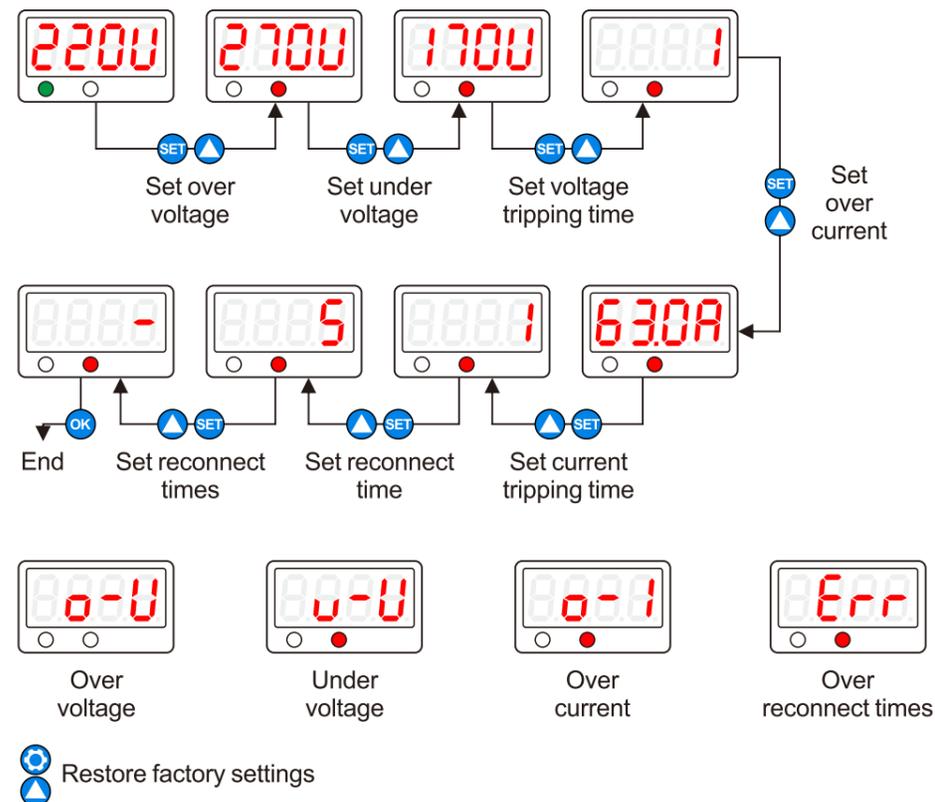


SP6-80VA

Technical Parameters

Mode code	SP6-80VA
Pole number	2P (36mm)
Rated voltage	220/230V AC
Rated current	1-40A (Default 40A), 1-63A/80A (Default 63A)
Over-voltage range	230-300V (Default 270V)
Under-voltage range	110-210V (Default 170V)
Tripping time	1-30S (Default 1S)
Auto reconnect times	0-20T (Default -, unlimited)
Reconnect/Power on time	1-500S (Default 5S)
Power consumption	<1W
Ambient temperature	-20°C-70°C
Electro-mechanical life	100,000
Installation	35mm symmetrical DIN rail

Parameters Settings



SP6-80DT Series

Dual-time Adjustable Voltage Current Protector

Functions & Features

SP6-80DT series is one of voltage current protectors developed and produced by adopting international advanced technology, supplying with multiple functions (password, over under voltage, dual-time over current, auto reconnect, voltage current display and adjustable voltage, current & time) in 40-60Hz, widely used in the environments of electric, industry and commerce.

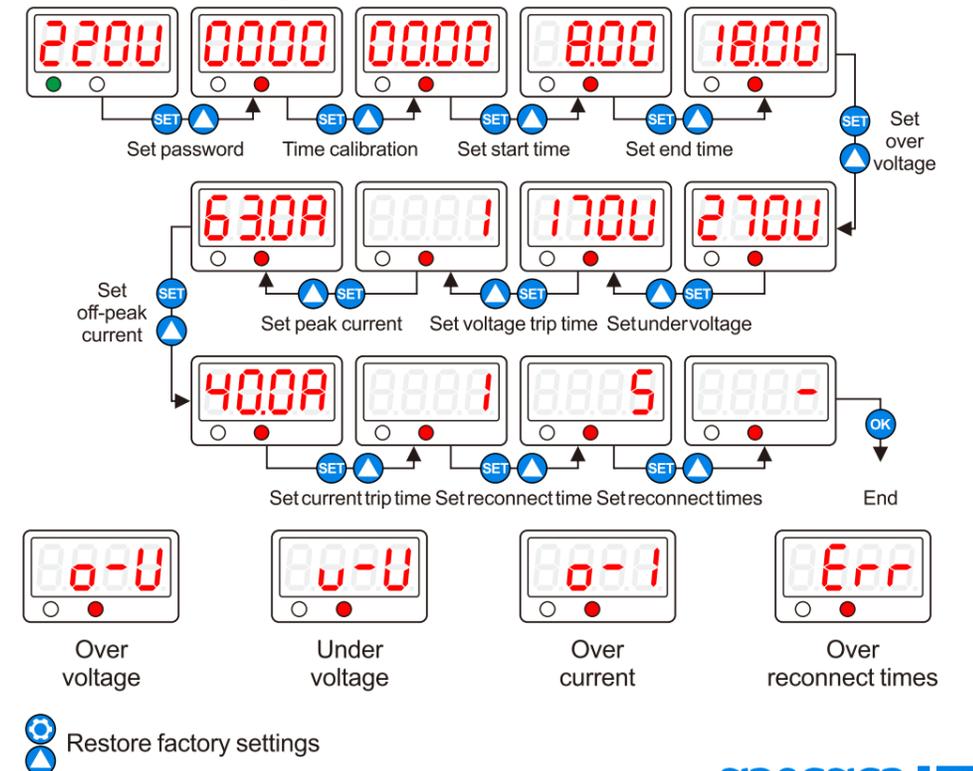


SP6-80DT

Technical Parameters

Mode code	SP6-80DT
Pole number	2P (36mm)
Rated voltage	220/230V AC
Rated current (Peak)	2-40A (Default 40A), 2-63A/80A (Default 63A)
Rated current (Off-peak)	1-39A (Default 20A), 1-62A/79A (Default 40A)
Over-voltage range	230-300V (Default 270V)
Under-voltage range	110-210V (Default 170V)
Tripping time	1-30S (Default 1S)
Reconnect/Power on time	1-500S (Default 5S)
Start/end time	00:00-23:59
Auto reconnect times	0-20T (Default -, unlimited)
Power consumption	<1W
Ambient temperature	-20°C-70°C
Electro-mechanical life	100,000
Installation	35mm symmetrical DIN rail

Parameters Settings



SP7-12(D) Series Electronic Circuit Breaker

Functions & Features

SP7-12(D) series is one of electronic circuit breakers developed and produced by adopting international advanced technology, supplying with multiple functions (overload, short circuit, real current display, auto reconnect and adjustable current, reconnect times) in 40-60Hz, widely used in the environments of electric, industry and commerce.

Technical Parameters

Mode code	SP7-12D	SP7-12
Pole number	1P (18mm)	
Rated voltage	110-300V AC	
Rated current	1-12A (Default 12A)	2/3/4/5/6/8/10/12A
Auto reconnect times	0-20T (Default -, unlimited)	Unlimited
Power on delay time	10S	
Amplitude of adjustment	0.1A	Fixed
Overload tripping time	1-30S (Default 15S)	15S
Short-circuit time	0.05S	
Reconnect time	1-300S (Default 20S)	20S
Power consumption	<1W	
Ambient temperature	-20°C-70°C	
Electro-mechanical life	100,000	
Installation	35mm symmetrical DIN rail	

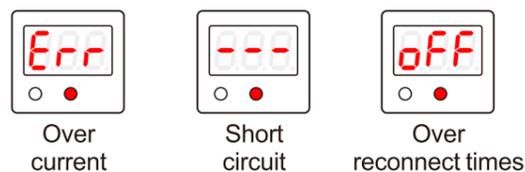
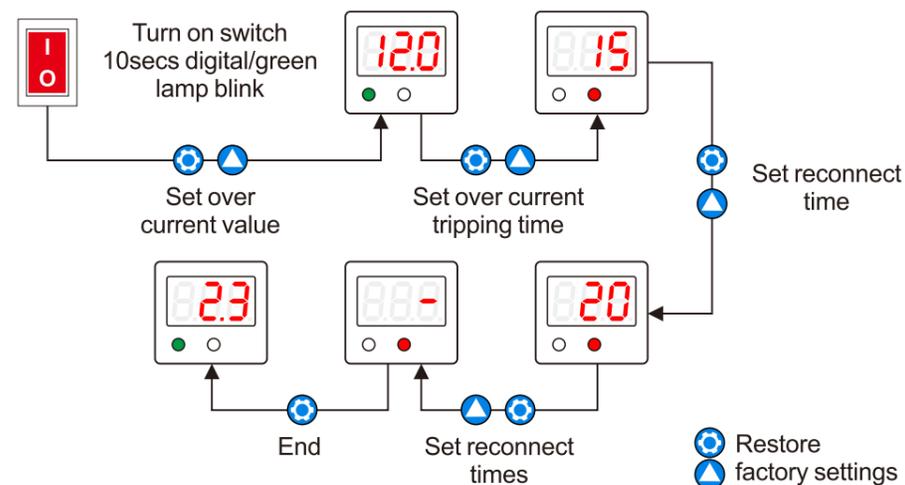


SP7-12D



SP7-12

Parameters Settings (SP7-16D)



SP7-63/100 Series Electronic Circuit Breaker

Functions & Features

SP7-63/100 series is one of electronic circuit breakers developed and produced by adopting international advanced technology, supplying with multiple functions (overload, short circuit, real current display, auto reconnect and adjustable current, reconnect times) in 40-60Hz, widely used in the environments of electric, industry and commerce.

Technical Parameters

Mode code	SP7-63	SP7-100
Pole number	2P (36mm)	4P (72mm)
Rated voltage	110-300V AC	
Rated current	1-20.8A/40A/63A (Default 20A)	1-100A (Default 20A)
Auto reconnect times	0-20T (Default -, unlimited)	
Power on delay time	10S	
Amplitude of adjustment	0.1A	
Overload tripping time	1-30S (Default 15S)	
Short-circuit time	0.05S	
Reconnect time	1-300S (Default 20S)	
Power consumption	<1W	
Ambient temperature	-20°C-70°C	
Electro-mechanical life	100,000	
Installation	35mm symmetrical DIN rail	

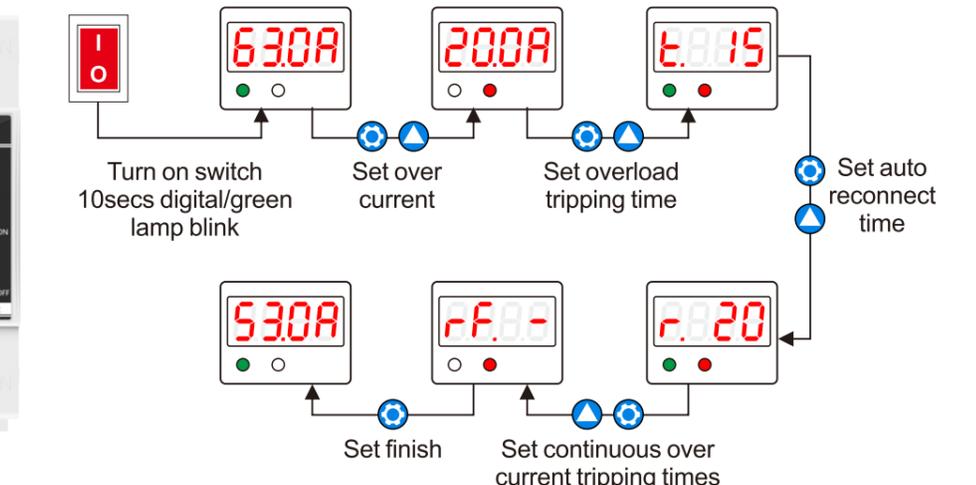


SP7-63

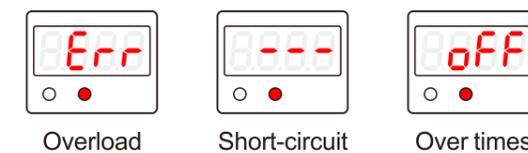


SP7-100

Parameters Settings



5-second long press to restore factory settings



SP9-100N Series

3 Phase Adjustable Voltage Current Protector



SP9-100N

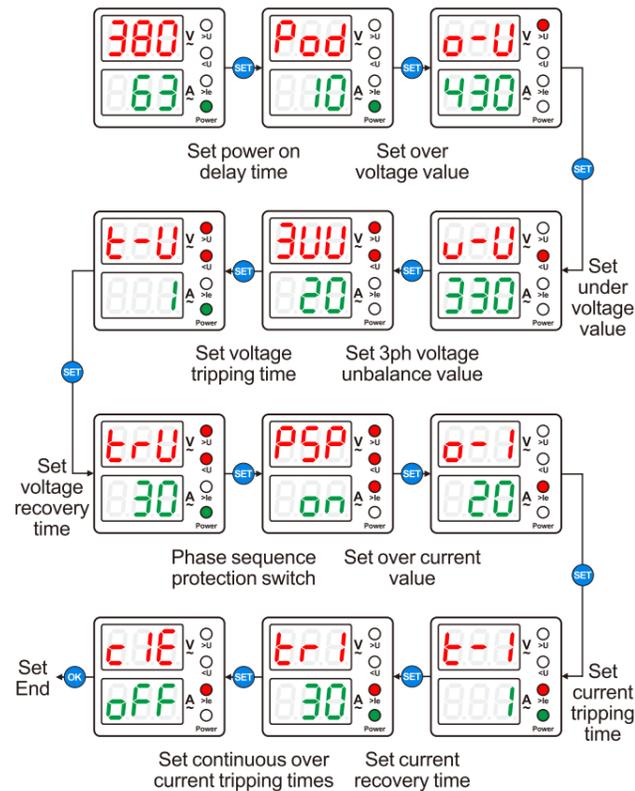
Functions

- ◆ Over-voltage protection
- ◆ Under-voltage protection
- ◆ Over-current protection
- ◆ Asymmetry protection
- ◆ Phase sequence protection
- ◆ Automatic recovery
- ◆ Working voltage/current display
- ◆ Adjustable voltage/current/time/...

Technical Parameters

- ◆ Model code: SP9-100N
- ◆ Pole: 5P (90mm)
- ◆ Rated current: 63A, 80A
- ◆ Adjustable setting ranges:
 - ◇ Over-voltage: 390~500V (Default: 430V)
 - ◇ Under-voltage: 140~370V (Default: 330V)
 - ◇ Over-current: 1~63A
1~80A
 - ◇ Trip time: 1~30S (Default: 1S)
 - ◇ Recovery time: 1~500S (Default: 30S)
 - ◇ Power on delay time: 1~500S (Default: 10S)
- ◆ 3Ph voltage unbalance value: 20~99V (Default: 20V)
- ◆ Phase sequence switch: OFF/ON (Default: ON)
- ◆ Continuous over current tripping times: 0~20 (Default: OFF)
- ◆ Power consumption: <2W
- ◆ Electro-mechanical life: 100,000 times
- ◆ Installation: 35mm DIN rail

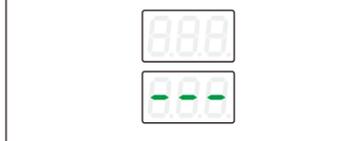
Parameters Settings



3ph voltage unbalance display



Continuous current tripping time



Incorrect phase sequence



SVP-7/7N/7D(S) Series

Socket Voltage Protector

Functions & Features

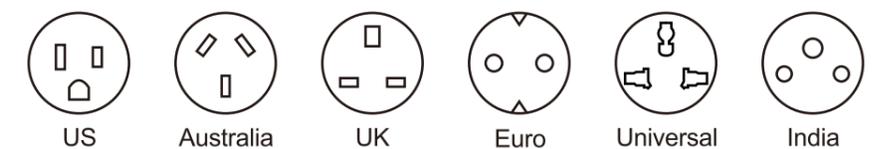
SVP-7/7N/7D series is one of voltage protectors developed and produced by sinoasian technology, supplying with over voltage and under voltage protections in 40-60Hz, widely used in the environments of home electric, industry and commerce.

Technical Parameters

	SVP-7/7N	SVP-7S/7NS
Mode code	SVP-7/7N	SVP-7S/7NS
Rated frequency	50/60Hz	
Rated voltage	220/230V AC	110/120V AC
Rated current	15A	
Over-voltage range	250V (Customized)	135V (Customized)
Under-voltage range	170V (Customized)	85V (Customized)
Tripping time	<0.05S (Customized)	
Reconnect/Power on time	180S (Customized)	
Power consumption	<1W	
Ambient temperature	-20°C-70°C	
Electro-mechanical life	100,000	
Surge suppression	160J	

	SVP-7D	SVP-7DS
Mode code	SVP-7D	SVP-7DS
Rated frequency	50/60Hz	
Rated voltage	220/230V AC	110/120V AC
Rated current	15A	
Over-voltage range	230-300V (Default 270V)	130-150V (Default 135V)
Under-voltage range	110-210V (Default 170V)	70-110V (Default 85V)
Tripping time	<0.05S (Customized)	
Reconnect/Power on time	1-500S (Default 30S)	
Power consumption	<1W	
Ambient temperature	-20°C-70°C	
Electro-mechanical life	100,000	
Surge suppression	160J	

Socket & Plug Types



SVP-7



SVP-7N



SVP-7D

SPS1-16 Series

Three Phase Multi-functional Protector

Functions & Features

SPS1-16 series is one of protectors developed and produced by adopting international advanced technology, supplying with multiple functions (over voltage, under voltage, voltage unbalance, phase failure and sequence) in 50/60Hz.

Technical Parameters

Mode code	STP1-6
Pole number	2.5P (45mm)
Over voltage range	140-370V (Default 330V)
Under voltage range	390-500V (Default 430V)
Voltage unbalance value	5-99V
Voltage tripping time	1-30S (Default 0.5S)
Phase faults tripping time	0.5S
Reconnect times	1-20T (Default -, unlimited)
Output	1 NO, 1NC
Contact capacity	6A 250V AC (Resistive load)



SPS1-16

SFL1-1 Series

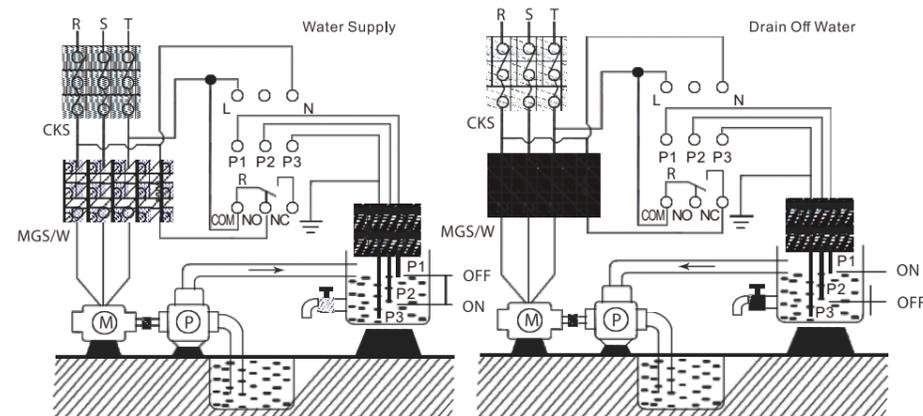
Floatless Level Switch

Technical Parameters

Mode code	SFL1-1
Pole number	1P (18mm)
Rated current	5A
Operating frequency	50/60Hz
Rated voltage	AC 110V, AC 220V
Output characteristics	SPDT
Output voltage	8V (For liquid with low intrinsic resistance) 12V (For normal purified water and sewage) 24V (For liquid with high intrinsic resistance)



SFL1-1



STR1-M1/2 Series

Multi-function Time Relay

Functions & Features

STR1-M1/2 series is one of the multi-function time relays developed and produced by adopting the international advanced technology, supplying with 20 different modes with 12-240V AC/DC wide working voltage.

Technical Parameters

Mode code	STR1-M1	STR1-M2
Pole number	1P (18mm)	
Rated voltage	12-240V AC/DC, 220V	
Time delay range	0.1S-99D	
Output terminal	1 pair	2 pairs
Rated current	5/16A	
Electro-mechanical life	100000	
Ambient temperature	-20°C-70°C	
Reconnect tyime	<200ms	
Installation	35mm symmetrical DIN rail	

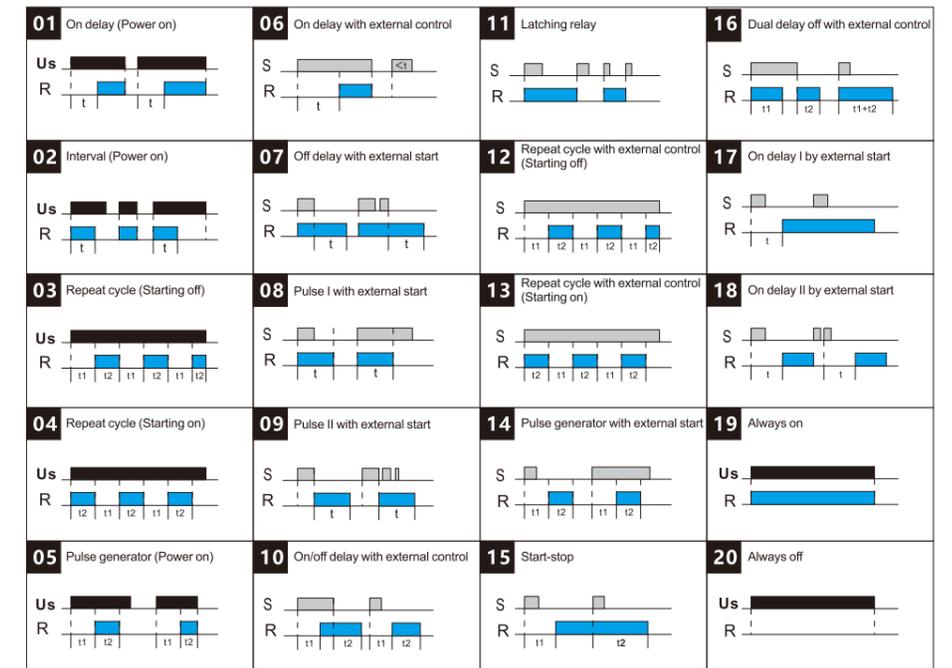


STR1-M1

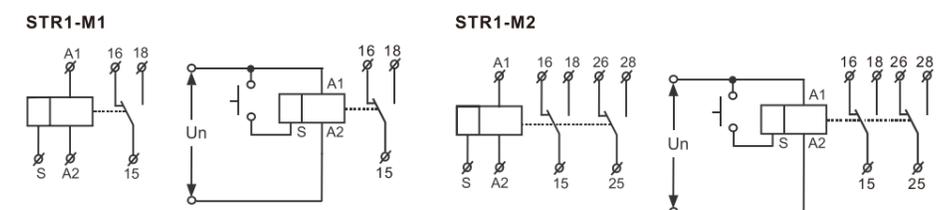


STR1-M2

Diagram of Function



Wiring Diagram



SSP1-16 Series Switching Power Supply

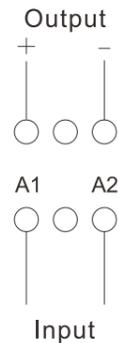
Functions & Features

SSP1-16 series is one of DIN rail type switching power supply developed and produced by adopting the international advanced technology, widely used to home control system, building automation, industrial control system, industrial automation and mechanical & electrical equipments.



SSP1-16

Wiring Diagrams



Characteristics

18mm ultra-thin design
International universal input
No-load loss <0.3W
Adjustable DC output voltage
Natural air cooling
Isolation level II
Over-voltage level III
LED indicators
Digital display

Technical Parameters

	Mode code	SSP1-16/05	SSP1-16/12	SSP1-16/15	SSP1-16/24	SSP1-16/48
Output	Pole number	1P (18mm)				
	Rated voltage & current	5V 2.4A	12V 1.25A	15V 1A	24V 0.63A	48V 0.32A
	Rated power	12W	15W	15W	15.2W	15.4W
	Ripple & noise (Max)	80mVp-p	120mVp-p	120mVp-p	150mVp-p	240mVp-p
	Voltage range	4.5-5.5V	10.8-13.8V	13.5-18V	21.6-29V	43.2-55.2V
	Voltage accuracy	±2%	±1%	±1%	±1%	±1%
	Linear adjustable rate	±1%	±1%	±1%	±1%	±1%
	Load adjustable rate	±1%	±1%	±1%	±1%	±1%
	Start & rise time	2000ms, 80ms/230VAC		2000ms, 80ms/115VAC (Under full load)		
	Hold time (Typ.)	300ms/230VAC		12ms/115VAC (Under full load)		
Input	Voltage range	85-264VAC (277VAC available)		120-370VDC (390VDC available)		
	Frequency range	47-63Hz				
	Alternating current (Typ.)	80%	85%	85.5%	86%	87%
	Efficiency (Typ.)	0.5A/115VAC				
Protection	Surge current (Typ.)	Cold start 25A/115VAC				
	Overload	110-145% of rated output power When the output voltage is less than 50%, it is in hiccup mode, and it can recover automatically after the abnormal load condition is removed. When the output voltage is 50%~100%, it is in constant current mode, and it can recover automatically after the abnormal load condition is removed.				
	Over-voltage	5.75-6.75V	14.2-16.2V	18.8-22.5V	30-36V	56.5-64.8V
Protection mode: Turn off the output, clamp by the Zener diode						

SLA1-16 Series Light Activated Switch

Functions & Features

SLA1-16 series is one of the light activated switches developed and produced by adopting international advanced technology, widely used in the environments of home electric, industry and commerce.

Turn on or off electrical equipment according to the change of light intensity. The action threshold can be set according to the demand.



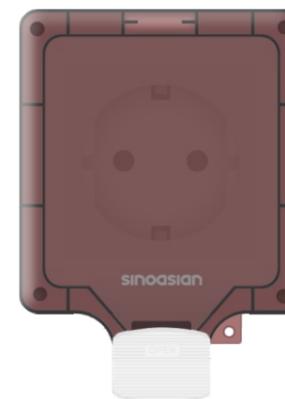
SLA1-16

Technical Parameters

Mode code	SLA1-16
Pole number	1P (18mm)
2300W	Incandescent lamp, halogen lamp, 230V
2300VA	Fluorescent tube
8x40W (4.7μF), 6x58W (7μF), 2x100W (18μF)	Parallel compensated fluorescent tube, max. 400W (42μF)
12x7W, 8x11W, 4x20W	Compact fluorescent lamp (CFL), max. 90W
1000VA	Non-corrected mercury/sodium vapour lamp
400VA (42μF)	Parallel-corrected mercury/sodium vapour lamp
20W	LED up to 2W
55W	LED between 2W and 8W
Output characteristics	SPDT
Contact load output	16A/250VAC
Working voltage	Single voltage, AC 110V, 220V



SWIS1-16



SWIS2-16

SWIS1/2-16 Series WiFi Intelligent Waterproof Socket

Functions & Features

SWIS1/2-16 series is one of WiFi intelligent waterproof sockets, supplying with multiple sockets (UK, AU, Euro, multi-funton, US and so on) in 50/60Hz.

Technical Parameters

Mode code	SWIS1-16	SWIS2-16
Grade of protection	Ip55	IP66
Rated current	10A, 13A, 15/16A	
Rated voltage	110/120V, 220/230/240V AC	
Transmission frequency	2.4GHz	
Agreement	WiFi	



Contents

B1-B13

SP1-80V(S) series adjustable voltage protector	B1
SP1-80VA(S) series adjustable voltage current protector	B2
SP2-80V series adjustable voltage protector	B3
SP2-80VA series adjustable voltage current protector	B4
SP4-80V/I series adjustable voltage/current protector	B5
SP4-80VA series adjustable voltage current protector	B6
SP5-63/100(N) series electronic circuit breaker	B7
SP8-100N series 3p adjustable voltage current protector	B8
SP15-63E series automatic reclosing protector	B9
SP47-80V(D) series auto reconnect voltage protector	
SDM1/2-100 series digital voltage current meter	
STP1-6 series multi-functional phase protector	B10
STC-220(D) series din-rail type digital thermostat	
Other series voltage protectors	B11



SP1-80V

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SP1-80V Series Adjustable Voltage Protector

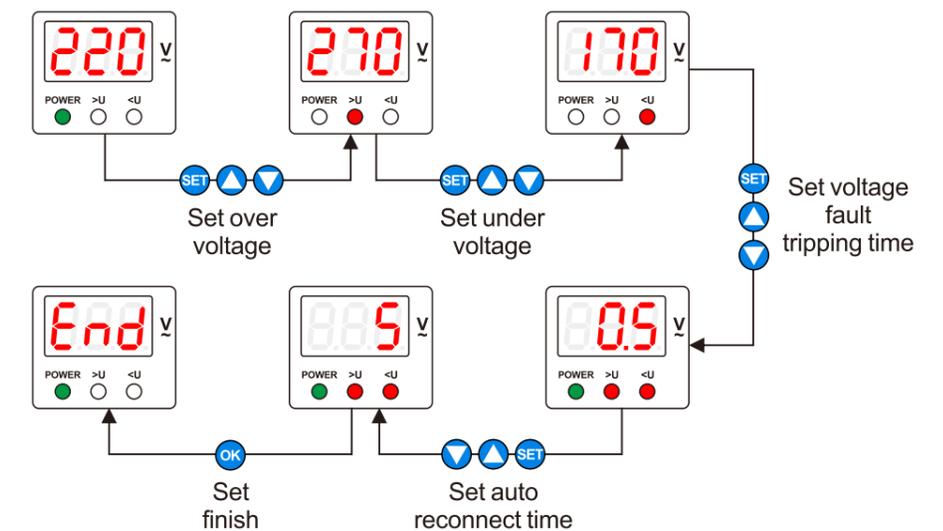
Functions & Features

SP1-80V(S) series is one of voltage protectors developed and manufactured by adopting international advanced technology, supplying with multiple functions (over under voltage, auto reconnect, voltage display and adjustable voltage & time) in 40-60Hz, widely used in the environments of electric, industry and commerce.

Technical Parameters

Mode code	SP1-80V	SP1-80VS
Pole number	2P (36mm)	
Rated voltage	220/230V AC	110/120V AC
Rated current	40A, 63A, 80A	
Over-voltage range	230-300V (Default 270V)	120-170V (Default 135V)
Under-voltage range	110-210V (Default 170V)	60-110V (Default 90V)
Tripping time	1-30S (Default 0.5S)	
Reconnect time	1-500S (Default 5S)	
Power consumption	<1W	
Ambient temperature	-20°C-70°C	
Electro-mechanical life	100,000	
Installation	35mm symmetrical DIN rail	

Parameters Settings



Restore factory settings
 Long press to turn on/off the power & protections

SP2-80VA(S) Series Adjustable Voltage Current Protector

Functions & Features

SP1-80VA(S) series is one of voltage current protectors developed and manufactured by adopting international advanced technology, supplying with multiple functions (over under voltage, over current, auto reconnect, voltage current display and adjustable voltage, current & time), widely used in the environments of electric, industry and commerce.

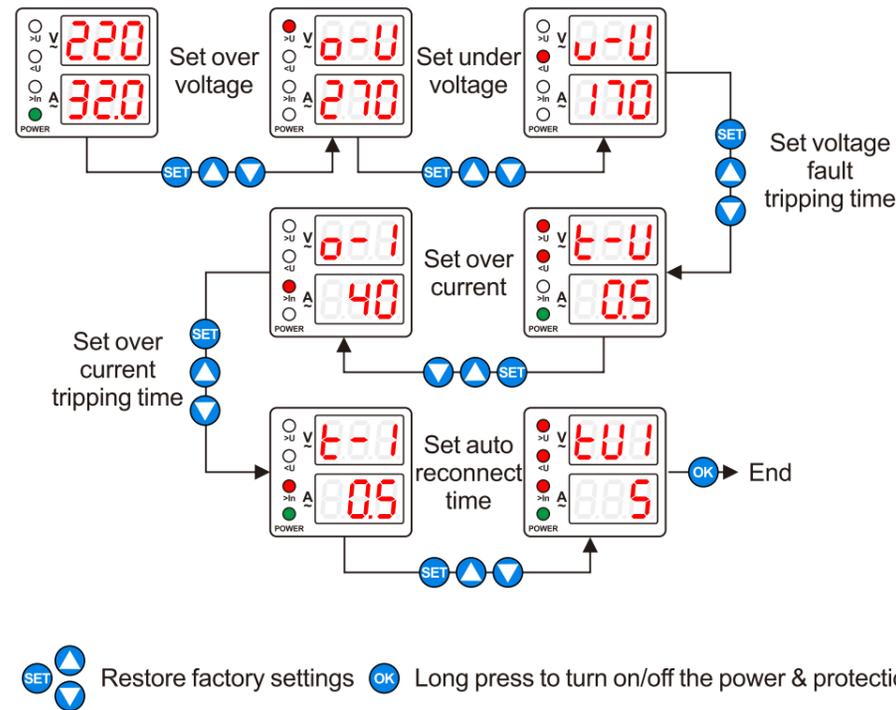
Technical Parameters

Mode code	SP1-80VA	SP1-80VAS
Pole number	2P (36mm)	
Rated voltage	220/230V AC	110/120V AC
Rated current	1-40A (Default 40A), 1-63A/80A (Default 63A)	
Over-voltage range	230-300V (Default 270V)	120-170V (Default 135V)
Under-voltage range	110-210V (Default 170V)	60-110V (Default 90V)
Tripping time	1-30S (Default 0.5S)	
Reconnect time	1-500S (Default 5S)	
Power consumption	<1W	
Ambient temperature	-20°C-70°C	
Electro-mechanical life	100,000	
Installation	35mm symmetrical DIN rail	



SP1-80VA

Parameters Settings



Restore factory settings Long press to turn on/off the power & protections

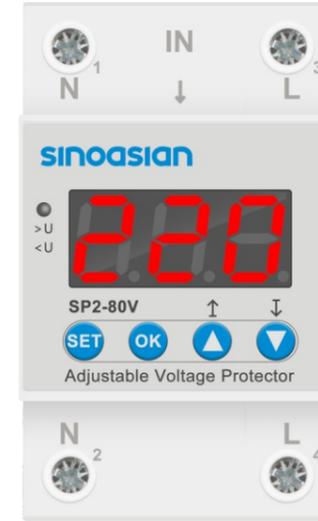
SP2-80V Series Adjustable Voltage Protector

Functions & Features

SP2-80V series is one of voltage protectors developed and produced by adopting international advanced technology, supplying with multiple functions (over under voltage, auto reconnect, voltage display and adjustable voltage & time) in 40-60Hz, widely used in the environments of electric, industry and commerce.

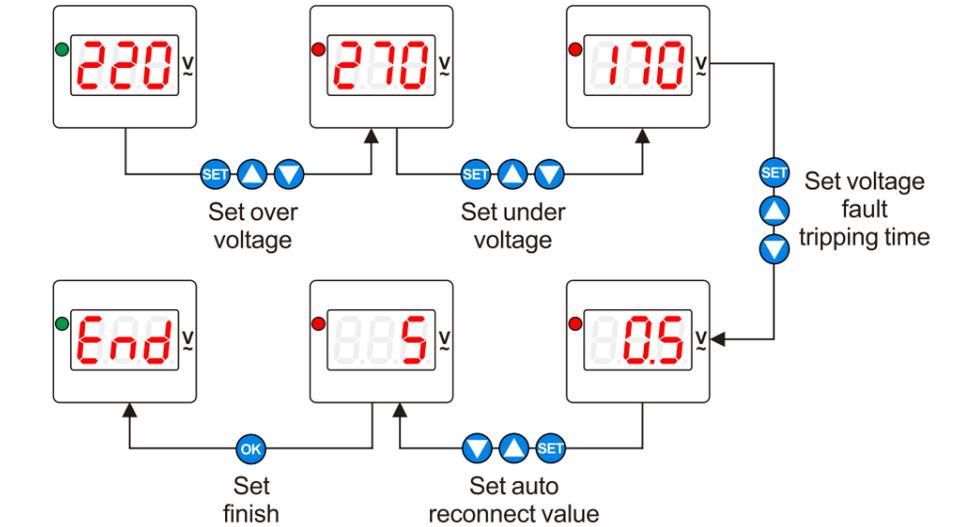
Technical Parameters

Mode code	SP2-80V
Pole number	3P (54mm)
Rated voltage	220/230V AC
Rated current	40A, 63A, 80A
Over-voltage range	230-300V (Default 270V)
Under-voltage range	110-210V (Default 170V)
Tripping time	1-30S (Default 0.5S)
Reconnect time	1-500S (Default 5S)
Power consumption	<1W
Ambient temperature	-20°C-70°C
Electro-mechanical life	100,000
Installation	35mm symmetrical DIN rail



SP2-80V

Parameters Settings



Restore factory settings Long press to turn on/off the power & protections

SP4-80VA Series

Adjustable Voltage Current Protector

Functions & Features

SP4-80VA series is one of voltage current protectors developed and produced by adopting international advanced technology, supplying with multiple functions (over under voltage, over current, auto reconnect, voltage current display and adjustable voltage, current & time) in 40-60Hz, widely used in the environments of electric, industry and commerce.

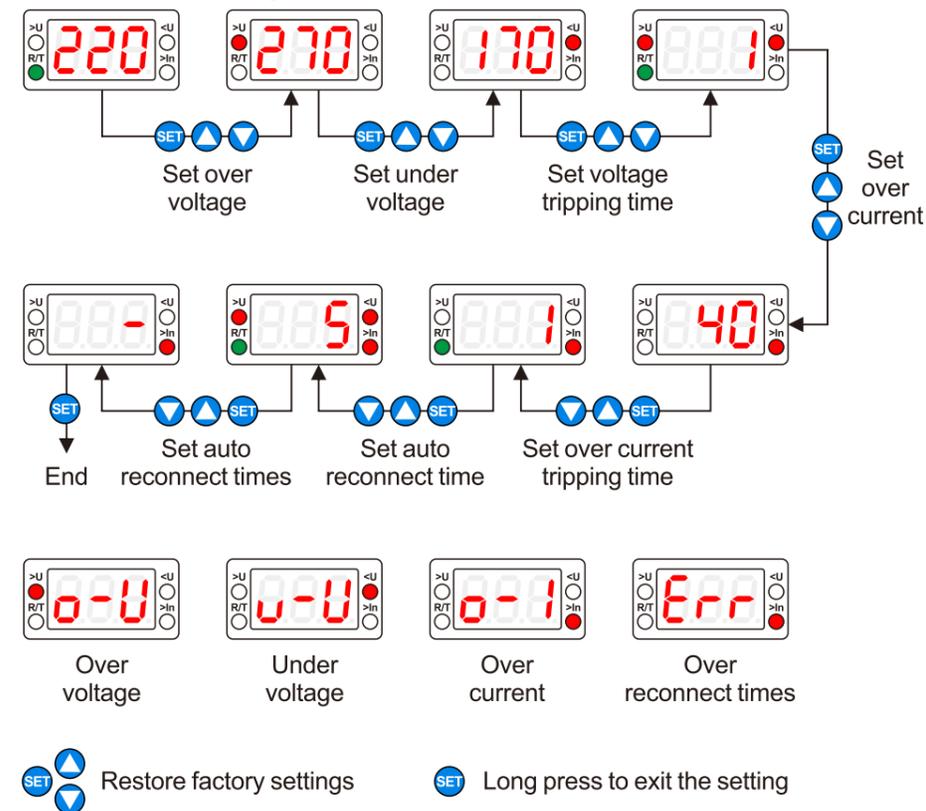


SP4-80VA

Technical Parameters

Mode code	SP4-80VA
Pole number	2P (36mm)
Rated voltage	220/230V AC
Rated current	1-40A (Default 40A), 1-63A/80A (Default 63A)
Over-voltage range	230-300V (Default 270V)
Under-voltage range	110-210V (Default 170V)
Tripping time	1-30S (Default 1S)
Auto reconnect times	0-20T (Default -, unlimited)
Reconnect time	1-500S (Default 5S)
Power consumption	<1W
Ambient temperature	-20°C-70°C
Electro-mechanical life	100,000
Installation	35mm symmetrical DIN rail

Parameters Settings



SP5-63/100(N) Series

Electronic Circuit Breaker

Functions & Features

SP5-63/100(N) series is one of electronic circuit breakers developed and produced by adopting international advanced technology, supplying with multiple functions (over under voltage, overload, short circuit, real current display, auto reconnect and adjustable current) in 40-60Hz, widely used in the environments of electric, industry and commerce.



SP5-63

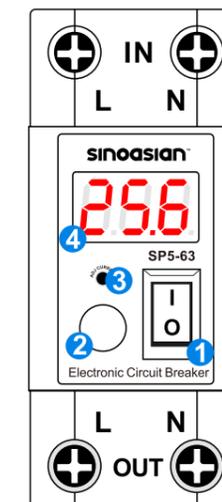
Technical Parameters

Mode code	SP5-63/100(N)
Pole number	2P (36mm)
Rated voltage	110-300V AC
Rated current	1-20.8A(2-20.8A), 1-40A/63A/100A (Default 20A)
Power on delay time	10S
Amplitude of adjustment	0.1A(0.2A)
Overload tripping time	15S(≤60S)
Short-circuit time	0.05S
Reconnect time	20S(15S)
Power consumption	<1W
Ambient temperature	-20°C-70°C
Electro-mechanical life	100,000
Installation	35mm symmetrical DIN rail

Parameters Settings



SP5-63N



- 1 Power Switch
- 2 Lamp
- 3 Adjust Button
- 4 Current Display

- ◆ Turn 1 on, 2 & 4 will blink for 10secs, press 3 to enter current setting mode. Every press will increase 0.1A(0.2A) and long press will increase fast.
- ◆ When overload in the circuit is detected, 2 and 4 will blink for 15secs(not more than 60secs) in green color more and more fast, then power output will be shut off and 2 will shine in green color, 4 will show "Err".
- ◆ In the event of short circuit, the power output will be shut off in 0.05sec. 2 will shine in red color and 4 will show "----".
- ◆ 2 blinks for 20secs(15secs) then the power will reconnect automatically, meanwhile 2 will go off.
- ◆ Circuit breaker will repeat to shut off/reconnect until the current goes below the setting current.
- ◆ Turn 1 off before the maintenance of the lines.

SP8-100N Series

3 Phase Adjustable Voltage Current Protector



SP8-100N

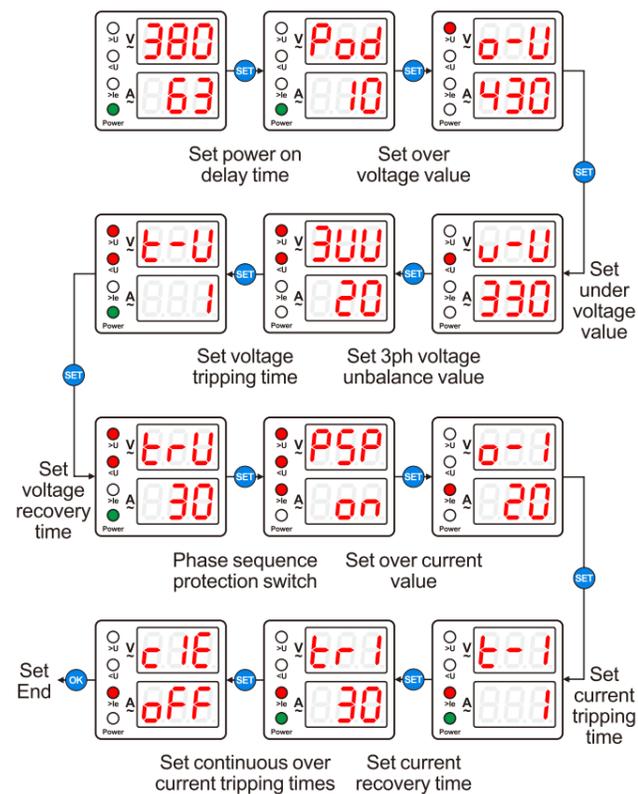
Functions

- ◆ Over-voltage protection
- ◆ Under-voltage protection
- ◆ Over-current protection
- ◆ Asymmetry protection
- ◆ Phase sequence protection
- ◆ Automatic recovery
- ◆ Working voltage/current display
- ◆ Adjustable voltage/current/time/...

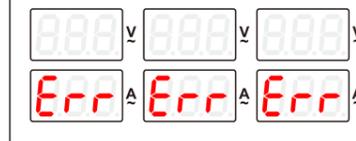
Technical Parameters

- ◆ Model code: SP8-100N
- ◆ Pole: 5P (90mm)
- ◆ Rated current: 63A, 80A
- ◆ Adjustable setting ranges:
 - ◇ Over-voltage: 390~500V (Default: 430V)
 - ◇ Under-voltage: 140~370V (Default: 330V)
 - ◇ Over-current: 1~63A / 1~80A
 - ◇ Trip time: 1~30S (Default: 1S)
 - ◇ Recovery time: 1~500S (Default: 30S)
 - ◇ Power on delay time: 1~500S (Default: 10S)
- ◆ 3Ph voltage unbalance value: 20~99V (Default: 20V)
- ◆ Phase sequence switch: OFF/ON (Default: ON)
- ◆ Continuous over current tripping times: 0~20 (Default: OFF)
- ◆ Power consumption: <2W
- ◆ Electro-mechanical life: 100,000 times
- ◆ Installation: 35mm DIN rail

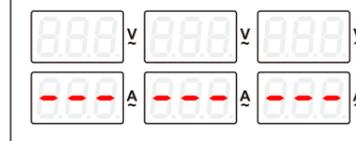
Parameters Settings



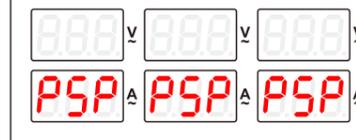
3ph voltage unbalance display



Continuous current tripping time



Incorrect phase sequence



SP15-63E Series

Automatic Reclosing Protector



SP15-63E

Functions & Features

SP15-63E series is one of automatic reclosing protector developed and produced by sinoasian technology, supplying with multiple functions (over unvert voltage, over current, earth leakage, real display, auto reconnect and adjustable parameters) in 40-60Hz, widely used in the environments of electric, industry and commerce.

Technical Parameters

Mode code	SP15-63E
Pole number	2.5P (45mm)
Rated voltage	220/230V AC
Rated current	1-63A (Default 63A)
Over-voltage range	250-300V
Under-voltage range	150-190V
Earth leakage breaking time	0.1S
Earth leakage current	10-99mA
Electro-mechanical life	100,000
Installation	35mm symmetrical DIN rail

SP47-100V(N) Series

Auto Reconnect Voltage Protector



SP47-100V

SP47-100VN

Technical Parameters

Mode code	SP47-100V	SP47-100VN
Pole number	2P (36mm)	4P (72mm)
Rated voltage	220/230V AC	380/415V AC
Rated current	40A, 63A, 80A	
Over/unvert voltage	170V/270V)	300V/460V
Delay time	30S	

SDM1/2-100 Series

Digital Voltage Current Meter



SDM1-100

SDM2-100

Technical Parameters

Mode code	SDM1-100	SDM2-100
Pole number	2P (36mm)	3P (54mm)
Voltage range	80-300V/200-450V (custmozied)	
Current Range	0-63/100A (customized)	
Accuracy	± 1%	
Installation	35mm symmetrical DIN rail	

STP1-6 Series

Multi-functional Phase Protector



STP1-6

Functions & Features

STP1-6 series is one of protectors developed and produced by adopting international advanced technology, supplying with multiple functions (over voltage, under voltage, voltage unbalance, phase failure and sequence) in 50/60Hz.

Technical Parameters

Mode code	STP1-6
Pole number	2.5P (45mm)
Over voltage range	140-370V (Default 330V)
Under voltage range	390-500V (Default 430V)
Voltage unbalance value	5-99V
Voltage tripping time	1-30S (Default 0.5S)
Phase faults tripping time	0.5S
Reconnect times	1-20T (Default -, unlimited)
Output	1 NO, 1NC
Contact capacity	6A 250V AC (Resistive load)



STC-220

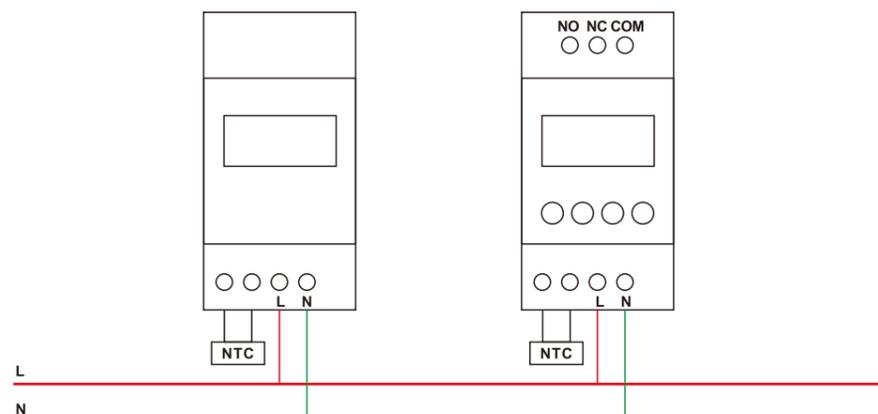
STC-220(D) Series

Din-rail Type Digital Thermostat

Technical Parameters

Mode code	STC-220(D)
Pole number	2.5P (45mm)
Power supply	220V AC (220V AC, 12/24V DC for STC-220D)
Operating frequency	50/60Hz
Measure range	5-99V
Accuracy	1
Sensor	NTC 10K with 2-meter cable

Wiring Diagram



STC-220D

Other Series

Socket & Wiring Voltage Protector



SVP-1 Series
Socket voltage protector



SVP-2 Series
Socket voltage protector



SVP-2D Series
Adjustable socket voltage protector



SVP-4F/T Series
Fridge/TV guard



SVP-3 Series
Adjustable socket voltage protector



AVS-15 Series
Socket voltage protector



AVS-30 Series
Wiring voltage protector