



Product Overview

Single-Phase, Detachable Heatsink Type SSR

Series	SR1		
Appearances & Dimensions			
			
Reference	I-5 to 8		

Model	Rated input voltage	Rated load current	Rated load voltage	Function	Model	Rated input voltage	Rated load current	Rated load voltage	Function
SR1-1215	4-30VDC	15A	24-240VAC	Zero cross turn-on	SR1-1415	4-30VDC	15A	48-480VAC	Zero cross turn-on
SR1-4215	90-240VAC				SR1-1415R				Random turn-on
SR1-1225	4-30VDC	25A			SR1-4415	90-240VAC	Zero cross turn-on		
SR1-4225	90-240VAC				SR1-1425	4-30VDC	Random turn-on		
SR1-1240	4-30VDC	40A			SR1-1425R	4-30VDC	Zero cross turn-on		
SR1-4240	90-240VAC				SR1-4425	90-240VAC	Zero cross turn-on		
SR1-1250	4-30VDC	50A			SR1-1440	4-30VDC	Zero cross turn-on		
SR1-4250	90-240VAC				SR1-1440R	4-30VDC	Random turn-on		
SR1-1275	4-30VDC	75A			SR1-4440	90-240VAC	Zero cross turn-on		
SR1-4275	90-240VAC				SR1-1450	4-30VDC	Zero cross turn-on		
					SR1-1450R	4-30VDC	50A		Random turn-on
					SR1-4450	90-240VAC			Zero cross turn-on
					SR1-1475	4-30VDC	75A		Zero cross turn-on
					SR1-1475R	4-30VDC			
					SR1-4475	90-240VAC			Zero cross turn-on

Single-Phase, Slim Detachable Heatsink Type SSR

Series	SRC1		
Appearances & Dimensions			
			
Reference	I-9 to 12		

Model	Rated input voltage	Rated load current	Rated load voltage	Function
SRC1-1215	4-30VDC	15A	24-240VAC	Zero cross turn-on
SRC1-4215	90-240VAC			
SRC1-1220	4-30VDC	20A		
SRC1-4220	90-240VAC			
SRC1-1230	4-30VDC	30A		
SRC1-4230	90-240VAC			
SRC1-1420	4-30VDC	20A	48-480VAC	Random turn-on
SRC1-4420	90-240VAC			
SRC1-1420R	4-30VDC			

Single-Phase, Integrated Heatsink Type SSR

Series	SRH1		
Appearances & Dimensions			
	 [W22.5×H100×L100mm]	 [W45×H100×L100mm]	 [W110×H100×L100mm]
Reference	I-13 to 17		

Model	Rated input voltage	Rated load current	Rated load voltage	Function	Model	Rated input voltage	Rated load current	Rated load voltage	Function				
SRH1-1215	4-30VDC	15A	24-240VAC	Zero cross turn-on	SRH1-1420	4-30VDC	20A	48-480VAC	Zero cross turn-on				
SRH1-2215	24VAC				SRH1-1420R				Random turn-on				
SRH1-4215	90-240VAC				20A	SRH1-2420	Zero cross turn-on						
SRH1-1220	4-30VDC	SRH1-1430				Zero cross turn-on							
SRH1-2220	24VAC					SRH1-1430R	Random turn-on						
SRH1-4220	90-240VAC	30A			48-480VAC	Zero cross turn-on	SRH1-2430		24VAC	60A	Zero cross turn-on		
SRH1-1230	4-30VDC						SRH1-1460				Zero cross turn-on		
SRH1-2230	24VAC								SRH1-1460R		Random turn-on		
SRH1-4230	90-240VAC	40A					60A		Zero cross turn-on		SRH1-2460	24VAC	Zero cross turn-on
SRH1-1240	4-30VDC										SRH1-1460R		
SRH1-2240	24VAC											SRH1-2460	
SRH1-4240	90-240VAC	60A			90-240VAC	Zero cross turn-on	SRH1-1260		4-30VDC	60A	Random turn-on		
SRH1-1260	4-30VDC		SRH1-2260	24VAC									
SRH1-2260	24VAC	60A	90-240VAC	Zero cross turn-on	SRH1-4260	90-240VAC	60A	Zero cross turn-on					
SRH1-4260	90-240VAC				SRH1-4260			90-240VAC					

Single-Phase, Analog Input Type SSR




Series	SRPH1		
Appearances & Dimensions			
	 [W45×H100×L100mm]	 [W110×H100×L100mm]	 [W110×H100×L100mm]
Reference	I-18 to 23		

Model	Rated load current	Rated load voltage	Model	Rated load current	Rated load voltage
SRPH1-A220	20A	100-240VAC	SRPH1-A420	20A	200-480VAC
SRPH1-A230	30A		SRPH1-A430	30A	
SRPH1-A260	60A		SRPH1-A460	60A	


- (A) Photoelectric Sensors
- (B) Fiber Optic Sensors
- (C) Door/Area Sensors
- (D) Proximity Sensors
- (E) Pressure Sensors
- (F) Rotary Encoders
- (G) Connectors/ Connector Cables/ Sensor Distribution Boxes/ Sockets
- (H) Temperature Controllers
- (I) SSRs / Power Controllers
- (J) Counters
- (K) Timers
- (L) Panel Meters
- (M) Tacho / Speed / Pulse Meters
- (N) Display Units
- (O) Sensor Controllers
- (P) Switching Mode Power Supplies
- (Q) Stepper Motors & Drivers & Controllers
- (R) Graphic/ Logic Panels
- (S) Field Network Devices
- (T) Software

Product Overview

Single-Phase, Socket Type SSR

Series	SRS1				
Appearances & Dimensions					
	<ul style="list-style-type: none"> • SRS1-A (Autonics socket: SK-G05)  <p>[W13×H29×L28mm] [W13×H29×L38mm]</p>		<ul style="list-style-type: none"> • SRS1-B (universal socket: LY2)  <p>[W21×H27×L34.5mm]</p>		
Reference	I-24 to 30				
Model	Rated input voltage	Rated load current	Rated load voltage	Function	
SRS1-A1202	4-24VDC	2A	24-240VAC	Zero cross turn-on	
SRS1-A1202R				Random turn-on	
SRS1-A1203		3A		Zero cross turn-on	
SRS1-A1203R				Random turn-on	
SRS1-A1205		5A		Zero cross turn-on	
SRS1-A1205R				Random turn-on	
SRS1-A1D101		5-100VDC	1A	—	
SRS1-A1D102			2A	—	
SRS1-A1D201			1A	5-200VDC	—
SRS1-A1X201				5-240VAC/5-200VDC	—
SRS1-B1202-2	4-30VDC	2A (consists to 2 circuits)	90-240VAC	Zero cross turn-on	
SRS1-B1202R-2				Random turn-on	
SRS1-B1203-1		3A		Zero cross turn-on	
SRS1-B1203R-1				Random turn-on	
SRS1-B1205-1		5A		Zero cross turn-on	
SRS1-B1205R-1				Random turn-on	

Single-Phase, Power Controller

Model	SPC1-35	SPC1-50
Appearances & Dimensions		
	[W94.6×H124.8×L92mm]	
Power supply	220VAC 50/60Hz	
Allowable voltage range	90 to 110% of rated voltage	
Max. rated current	35A (single-phase)	50A (single-phase)
Control power	220VAC	
Control range	Phase control: 0 to 98%, Cycle control: 0 to 100%	
Application load	Resistance load (min. load: over 5% of rated current)	
Cooling method	Natural cooling	
Control circuit	Micom control type	
Control input	<ul style="list-style-type: none"> • 1-5VDC • External VR (1kΩ) • DC4-20mA (250Ω) • Output limit input (front OUT ADJ. VR) • ON/OFF (external contact or 24VDC) 	
Control mode	<ul style="list-style-type: none"> • Phase control • Cycle control (Zero cross turn-on) - Period 0.5 sec, 2.0 sec, 10 sec • ON/OFF control (Zero cross turn-on) 	
Starting type	SOFT START (0 to 50 sec variable)	
Display	Output indication (LED)	
Reference	I-29 to 34	