

Product Overview

Single Phase, Separated Heatsink Type SSR

Series	SR1			
Appearances & Dimensions				
				
Reference	I-5 to 8			

Model	Input voltage	Rated load current	Load voltage	Zero cross turn-on/ Random turn-on	Model	Input voltage	Rated load current	Load voltage	Zero cross turn-on/ Random turn-on
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	Zero cross turn-on		
SR1-1240	4-30VDC	40A			SR1-1425R	90-240VAC	Random 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	90-240VAC	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	90-240VAC	Random turn-on				
			SR1-4450	90-240VAC	Zero cross turn-on				
			SR1-1475	4-30VDC	Zero cross turn-on				
			SR1-1475R	90-240VAC	Random turn-on				
			SR1-4475	90-240VAC	Zero cross turn-on				

Single Phase, Slim Separated Heatsink Type SSR

Series	SRC1			
Appearances & Dimensions				
				
Reference	I-16 to 18			

Model	Input voltage	Rated load current	Load voltage	Zero cross turn-on/ Random turn-on
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-19 to 23		

Model	Input voltage	Rated load current	Load voltage	Zero cross turn-on/ Random turn-on	Model	Input voltage	Rated load current	Load voltage	Zero cross turn-on/ Random turn-on
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								Random turn-on
SRH1-4215	90-240VAC								Zero cross turn-on
SRH1-1220	4-30VDC	20A			Zero cross turn-on				
SRH1-2220	24VAC				Random turn-on				
SRH1-4220	90-240VAC				Zero cross turn-on				
SRH1-1230	4-30VDC	30A			Zero cross turn-on				
SRH1-2230	24VAC				Random turn-on				
SRH1-4230	90-240VAC				Zero cross turn-on				
SRH1-1240	4-30VDC	40A			Zero cross turn-on				
SRH1-2240	24VAC				Random turn-on				
SRH1-4240	90-240VAC				Zero cross turn-on				
SRH1-1260	4-30VDC	60A	Zero cross turn-on						
SRH1-2260	24VAC		Random turn-on						
SRH1-4260	90-240VAC		Zero cross turn-on						
					SRH1-1430	4-30VDC	30A		Zero cross turn-on
					SRH1-1430R	4-30VDC		Random turn-on	
					SRH1-2430	24VAC		Zero cross turn-on	
					SRH1-1460	4-30VDC	60A		Zero cross turn-on
					SRH1-1460R	4-30VDC		Random turn-on	
					SRH1-2460	24VAC		Zero cross turn-on	

Single Phase, Analog Input Type SSR

Series	SRPH1	
Appearances & Dimensions		
	 [W45×H100×L100mm]	 [W110×H100×L100mm]
Reference	I-24 to 29	

Model	Rated load current	Load voltage	Model	Rated load current	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/ 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) • SRS1-B (general socket: LY2) 		
	 <p>[W13×H29×L33.4mm] [W13×H29×L43.4mm]</p>		 <p>[W21×H27×L41mm]</p>
Reference	I-30 to 34		

Model	Input resistance	Rated load current	Load voltage	Zero cross turn-on/Random turn-on
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 (configures to 2-circuit)	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	 <p>[W94.6×H124.8×L92mm]</p>		
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) 		<ul style="list-style-type: none"> • 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)-Period 0.5sec., 2.0sec., 10sec. selectable • ON/OFF control (Zero Cross) 		
Starting type	Soft Start (0 to 50 sec. variable)		
Display	Output indication (LED)		
Reference	I-29 to 34		