

# SSRD & SSRP Solid State Relays

Improve machine reliability

Zelio® solid state relays utilize Silicon-Controlled Rectifiers (SCRs) to switch AC loads and Metal Oxide Semiconductor Field Effect Transistors (MOSFETs) to switch DC loads. Choose between two formats to match mounting requirements.

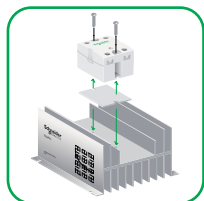


## SSRD range

Integrated heat sink dissipates heat for simplified installation. Clips directly onto DIN rail and mounts to panels. AC switching models available.

## SSRP range

Panel mounts either on their own or combined with a factory tested heat sink for applications requiring considerable heat dissipation. AC and DC switching models available.



SSRP relay mounted on heat sink with thermal transfer pad (sold separately)



## > Key Features:

- No moving parts which extends service life
- Vibration resistant which maintains a constant state
- Compact size as small as 22 mm wide (SSRD relay)
- Front-facing LED for instant indication of line voltage
- High breaking capacities
- Wide input voltage range

Make the most of your energy<sup>SM</sup>

**Schneider**  
Electric

## DIN-Mount Solid State Relays with 1 N/O SPST Contact

Switching	Voltage Range		Load Current Range	Catalog Number
	Input	Output		
Zero Cross	90 to 280 VAC	24 to 280 VAC	10 A	SSRDP8S10A1
			20 A	SSRDP8S20A1
			30 A	SSRDP8S30A1
	90 to 140 VAC	24 to 280 VAC	45 A	SSRDF8S45A1
			10 A	SSRDCDS10A1
	4 to 32 VDC	24 to 280 VAC	20 A	SSRDCDS20A1
			30 A	SSRDCDS30A1
			45 A	SSRDCDS45A1

## Panel-Mount Solid State Relays with 1 N/O SPST Contact

Switching	Voltage Range		Load Current Range	Catalog Number
	Input	Output		
Zero Cross	3 to 32 VDC	24 to 280 VAC	10 A	SSRPCDS10A1
			25 A	SSRPCDS25A1
			50 A	SSRPCDS50A1
		48 to 530 VAC	75 A	SSRPCDS75A2
		48 to 660 VAC	90 A	SSRPCDS90A3
		125 A	SSRPCDS125A3	
	90 to 280 VAC	24 to 280 VAC	10 A	SSRPP8S10A1
			25 A	SSRPP8S25A1
			50 A	SSRPP8S50A1
		48 to 530 VAC	75 A	SSRPP8S75A2
		48 to 660 VAC	90 A	SSRPP8S90A3
		125 A	SSRPP8S125A3	
Instant	3.5 to 32 VDC	0 to 100 VDC	12 A	SSRPCDM12D5
			25 A	SSRPCDM25D5
			40 A	SSRPCDM40D5

## Accessories for Panel-Mount Solid State Relays

Switching	For Use with Relays	Catalog Number
Heat Sink*	SSRPP8S●●●● SSRPCDS●●●●	SSRAH1
Thermal Pad	SSRPP8S●●●● SSRPCDS●●●●	SSRAT1

\*Approved for use with SSRP relays up to 50 A.

## > Put our expertise to work for you.

For more information on Schneider Electric relays, visit us online at [www.Schneider-Electric.us](http://www.Schneider-Electric.us) or talk to one of our experts at 1-888-778-2733.

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