

SR2 Rail Din Solid State Relays



Model NO.	SR2-40DA	SR2-40AA	SR2-40DC
Type	DC-AC	AC-AC	DC-DC
Load voltage	24-480VAC	24-480VAC	3-75VDC
Control voltage	3-32VDC	70-280VAC	3-32VDC
Max Input current	12mA	15mA	12mA
Must operation voltage	2.8VDC	70VAC	2.8VDC
Must release voltage	1.5VDC	50VAC	1.5VDC
Max on-state voltage drop	≤1.5V	≤1.5V	≤0.2V
Load current	10A, 25A, 40A, 50A, 60A, 80A		
Operation temperature	-20°C to 80°C		
Max off-state leakage current	12mA		
Peak voltage	800V		
Dielectric strength	2500V		
Certificates	CE,ROHS		

Solid-state relays offer a multitude of benefits, some of which include:

1. Excellent insulation and high temperature resistance due to being controlled by semiconductor devices instead of mechanical contacts.
 2. Longer lifespan due to avoidance of wear and tear caused by contact during operation.
 3. More stable output of current and voltage which can avoid abnormal states caused by excessive fluctuations.
 4. Faster response speed and precision in circuit control due to the use of semiconductor devices.
 5. Energy efficiency in controlling current during operation which improves utilization efficiency and reduces energy consumption.
 6. A small size due to the small size of the semiconductor device for flexible and convenient usage.
- In summary, solid-state relays are widely used in automation control and high-voltage power switches due to their fast response, long lifespan, energy efficiency, and compact size.

weight: 181g



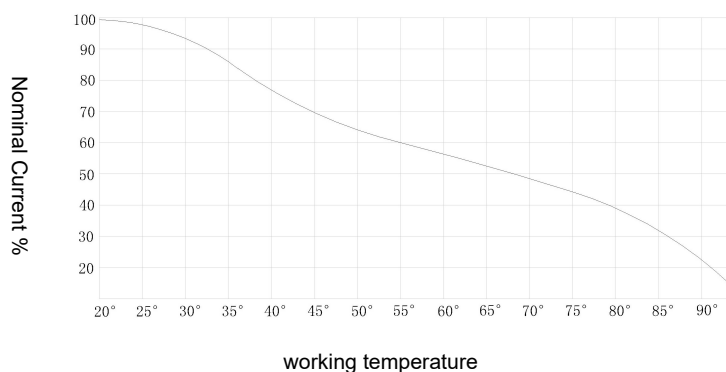
Load Current: 10A 25A 40A

weight: 245g



Load Current: 50A 60A 80A

Performance



Is recommended to work up to 60% of the rated power.

SINGLE PHASE SLIM SSR



especialistas en regulación y control de temperatura

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