

SSRDIN

Solid State Relays

Input Indication
Indicates power to the relay

Optically Coupled Circuit
Ensures isolation between separate circuits

Finger-Safe
Protects operators from live circuits

Internal Snubber
Protects relay from transients

Integral Heat Sink
Provides factory tested thermal management

Solid State Circuitry
Involves no moving parts



Integrated Chassis Ground
Simplifies system wiring

Din or Panel Mounting
Provides flexibility to installer

SSRDIN relays offer a complete solid state package that is an energy-efficient, current switching alternative to standard electromechanical relays. Advantages include longer life cycles, less energy consumption and reduced maintenance costs.

SSRDIN Solid State Relays



FEATURE	ADVANTAGE	BENEFIT
Solid state circuitry	Involves no moving parts	Extends product life, increases reliability and enables silent operation
Optically coupled circuit	Provides isolation between input and output circuits	Prevents damage to external equipment
Internal snubber	Protects relay's internal circuit from high voltage transients	Increases reliability of the relay
Integral heat sink	Provides factory tested thermal management	Eliminates the need to do complex heat sink calculations
Integrated chassis ground	Simplifies system wiring	Protects system components by eliminating electrostatic build-up
Finger-safe terminals	Prevents operator from touching live circuits	Increases safety in work environment
Din and panel mounting	Increases functionality and ease of use	Fits a variety of applications

Cross Reference

PART NUMBER	LEGACY PART NUMBER	SIZE	INPUT VOLTAGE	CONTACT FORM	OUTPUT TYPE	OUTPUT CURRENT	OUTPUT VOLTAGE
SSR210DIN-AC22	SSR210DIN-AC	22mm	90 to 280 VAC	SPST-NO	SCR	10 A	24 to 280 VAC
SSR220DIN-AC22	SSR225DIN-AC	22mm	90 to 280 VAC	SPST-NO	SCR	20 A	24 to 280 VAC
SSR230DIN-AC22	SSR225DIN-AC	22mm	90 to 280 VAC	SPST-NO	SCR	30 A	24 to 280 VAC
SSR245DIN-AC45	SSR240DIN-AC	45mm	90 to 140 VAC	SPST-NO	SCR	45 A	24 to 280 VAC
SSR210DIN-DC22	SSR210DIN-DC	22mm	4 to 32 VDC	SPST-NO	SCR	10 A	24 to 280 VAC
SSR220DIN-DC22	SSR225DIN-DC	22mm	4 to 32 VDC	SPST-NO	SCR	20 A	24 to 280 VAC
SSR230DIN-DC22	SSR225DIN-DC	22mm	4 to 32 VDC	SPST-NO	SCR	30 A	24 to 280 VAC
SSR245DIN-DC45	SSR240DIN-DC	45mm	3 to 32 VDC	SPST-NO	SCR	45 A	24 to 280 VAC
SSR310DIN-DC22*	---	22mm	4 to 32 VDC	SPST-NO	MOSFET	10 A	0 to 60 VDC
SSR320DIN-DC22*	---	22mm	4 to 32 VDC	SPST-NO	MOSFET	20 A	0 to 60 VDC
SSR330DIN-DC22*	---	22mm	4 to 32 VDC	SPST-NO	MOSFET	30 A	0 to 60 VDC

*UL and CSA certifications not available on MOSFET versions.

Applications



HVAC & Refrigeration

Anti-Condensation Equipment
Compressor Control
Blower Control
Motorized Duct/Vent Control



Packaging Machinery

Conveyor Motors
Product/Shrink Wrap
Heaters
Solenoid Control



Industrial Heater Control

Plastics Industry -
(drying, extrusion/thermoforming)
Heat Tracing
Industrial Cleaning Equipment
Solder Wave/Reflow Systems
Commercial Coffee Machines
Commercial/Industrial Cooking
Equipment
Car Wash Pumps and Dryers



High Reliability

Medical Equipment
Lifts & Escalators
Low Switching Noise
Low Electromagnetic Interference
Automatic Door Operation



Lighting Control

Traffic Signal Systems
Motorway Information Systems
Theatrical Lighting