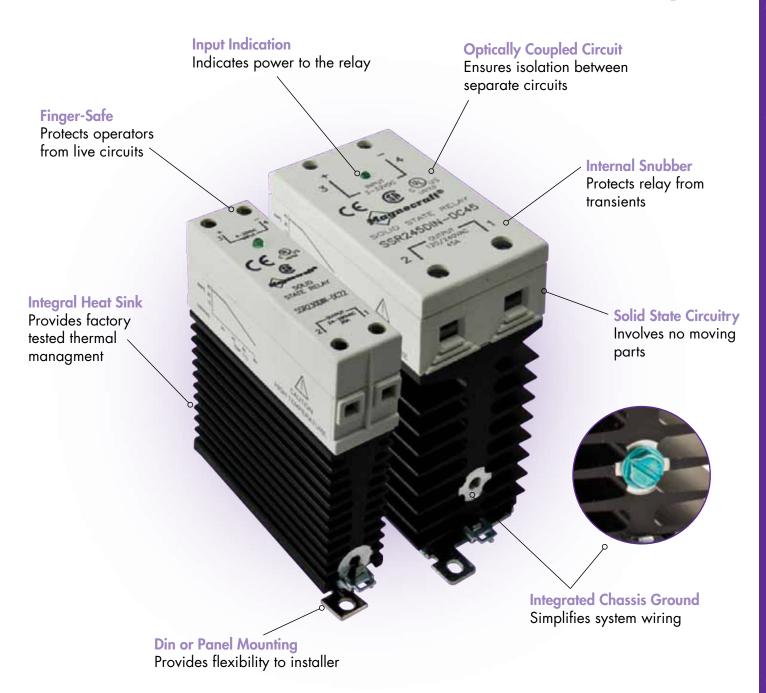


# **SSRDIN**

# **Solid State Relays**



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

<sup>\*</sup>UL and CSA certifications not available on MOSFET versions.

## **Applications**



#### **HVAC & Refrigeration**

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



#### **High Reliability**

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



#### **Packaging Machinery**

Conveyor Motors Product/Shrink Wrap Heaters Solenoid Control



#### **Lighting Control**

Traffic Signal Systems Motorway Information Systems Theatrical Lighting



#### **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

