

“Advanced Ice-Making Technology with Altran's Solid-State Relays”

Ice-making technology has seen significant advancements in energy efficiency, size reduction, and low refrigeration charge, making it indispensable across various industries. Altran Magnetics, LLC offers solid-state relays (SSRs) designed to enhance the performance and reliability of ice makers. Our ASR-SIM, ASR-SI, and ASR-SN series SSRs meet the stringent demands of these applications, providing superior control and efficiency.

ASR-SIM Series: Precision and Reliability

The ASR-SIM series SSRs deliver reliable motor control within ice-making systems. Available in ratings of 10A, 16A, and 25A at 240VAC or 380VAC, these relays ensure stable gear motor operation. Features include zero-crossing or random-on switching, integrated RC protection, optional MOV protection, low leakage current, quick-connect terminals, and LED status indicators. The ASR-SIM series enhances system efficiency and longevity with precise motor control.

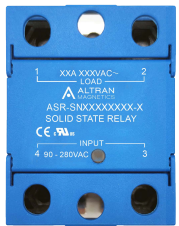


ASR-SI Series: High-Performance Switching Solutions

The ASR-SI series SSRs provide robust and efficient control for ice-making systems, with ratings from 25A to 125A. These relays operate with AC or DC input signals and feature both SCR and TRIAC outputs. With dielectric strength up to 4000VAC rms, they offer exceptional insulation and protection. Optional IP20 cover protection enhances safety, while MOV and TVS circuits protect against voltage spikes. The series supports zero-crossing and random-on switching for adaptable control.

ASR-SN Series: Heavy-Duty Load Switching

The ASR-SN series SSRs are designed for heavy load driving in ice-making systems, available in ratings from 60A to 125A at 240VAC or 480VAC. An integrated IP20 cover provides safety, and an optional heatsink improves performance under heavy loads. Built-in RC snubber circuits, LED indication, and high dielectric strength make the ASR-SN series a reliable choice for demanding applications.



Altran Magnetics, LLC's solid-state relays are integral to modern ice-making technology, delivering the reliability, precision, and efficiency required to meet today's market demands.