


Product Name	Smart Solid-State Relay Controllers
Product Image	
Part Number	SSR-S SSR-D
Dimensions & Weight	
Product Description	<ul style="list-style-type: none"> • Smart Solid-State Relays (SSR) provide high-power, modular switching for demanding marine circuits. Available as single- or dual-relay modules, each SSR can safely control circuits up to 35A, including heavy-duty motors or high-current equipment. • Fully integrated with the Smart Boat ecosystem, SSRs can be remotely positioned anywhere on the vessel and programmed via the Smart Boat app to respond to events, alerts, or standard relay control logic—offering unprecedented flexibility in modular system design.
Key Features	<p>High-Power Switching</p> <ul style="list-style-type: none"> • Single or Dual Relays Each capable of controlling up to 35A • Remote Placement Install directly adjacent to the load for reduced cabling and improved safety <p>System Integration</p> <ul style="list-style-type: none"> • Smart Ecosystem Compatibility Connects seamlessly with: <ul style="list-style-type: none"> ○ Smart Terminal Controller ○ Smart Relay Controller ○ Smart Temperature Monitor ○ Smart Boat App • Event-Based Automation Relays can be triggered automatically in response to system events, alerts, or custom app logic <p>Flexibility & Control</p> <ul style="list-style-type: none"> • Standalone or Integrated Operation Configure as standard relay outputs or fully app-programmed modules

	<ul style="list-style-type: none"> • Modular Expansion Add SSR modules wherever needed without redesigning existing wiring
Customer Benefits	<ul style="list-style-type: none"> • High-Power Control Anywhere Manage motors, pumps, and high-current devices at their point of use • Reduced Wiring Complexity Place relays near loads to minimize cable runs and voltage drop • Flexible Automation Program behaviour via app or integrate with physical switch logic • No Comparable Modular SSR Systems Unique modularity allows flexible expansion unmatched by competitors
Use Cases	<ul style="list-style-type: none"> • Heavy-Duty Motor Control Power thrusters, pumps, or generators with high-current loads • Distributed Equipment Control Place SSRs near appliances or machinery for safety and efficiency • Event-Driven Automation Trigger ventilation, pumps, or alarms based on system conditions • System Expansion Add modules as vessel systems grow without rewiring
SmartBoat Ecosystem Context	<p>Smart Solid-State Relays form the high-power execution layer of the Smart Boat ecosystem, enabling remote, modular, and event-driven control of critical circuits. Paired with Smart Relay Controllers and Terminal Blocks, they allow complete, intelligent circuit management, from small loads to demanding high-current equipment.</p>
Installation & Integration	<p>Designed for competent DIY installers and marine professionals, the system:</p> <ul style="list-style-type: none"> • Compatible with standard marine cabling practices • Install near high-current devices to reduce cable runs • Fully programmable via Smart Boat app <p>Designed for surface or Din Rail mounting</p>