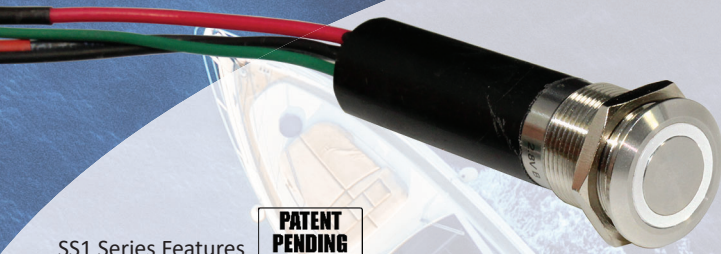


## Marine Industries *switches & relays*



**PATENT  
PENDING**

### SS1 Series Features

IP68 Rated • IK08 Rated • 4.5V to 40V LED Illumination • 24A Nominal Load Current • 6V to 26.4V DC Voltage • Rated to >1,000,000 On-Off Cycles • Short Circuit Protection with Latch • Overload Protection • Thermal Shutdown with Latch • In-rush Current Protected • Reverse Battery Protection

Overload Protection Short Circuit Protection  $\geq 65A$

Breaker Function Overload protection is electronic

### SS1 Series

Flush mount with ring illumination, our solid state, stainless steel pushbutton switches are vandal resistant and are protected from water immersion. Impact resistance and protected against dust ingress, these rugged switches are designed to outlast anything you throw at them.

Electrical Ratings Momentary & Latching Functions  
24A @ 6VDC—26.4VDC (TA = 85°C)  
Maximum inrush current 60A (TA = 85°C)

Navigation Function 5A @ 6VDC—28VDC per channel (TA = 85°C)  
10A @ 6VDC—28VDC total  
Maximum inrush current 52A (TA = 85°C)

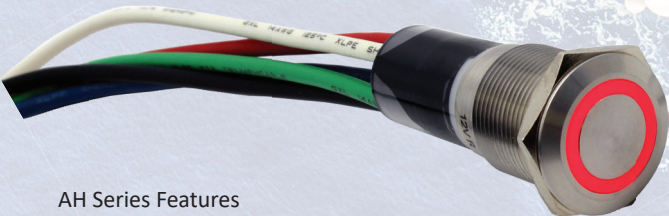
Stainless Steel Type SUS 316F

### To Reset

Momentary: Switch button needs to be released

Latching: Switch button needs to be pressed once for reset and pressed again to turn switch ON

Navigation: Switch button needs to be pressed until OFF for reset, and pressed again to turn switch ON



### AH Series Features

IP67 Rated • Customizable Actuator • 19mm • Wire Assembly Option • Fully Sealed • Dual LED Options • LED Voltage up to 220VAC • SPST NO + SPST NC

### AH Series

Flush mount with ring, dot or international standby symbol illumination, these fully sealed 19mm pushbutton switches are also available with a customizable convex epoxy actuator. Termination options include standard quick connect, screw terminals or wire assembly.

Electrical Ratings Momentary or Latching Function  
20A @ 12VDC  
10A @ 24VDC / 125VAC  
15A @ 24VDC  
5A @ 250VAC

Materials SUS 316F Stainless Steel or Anodized Aluminum  
Poly Carbonate LED Lens  
Convex Epoxy Actuator

### Additional Anti-Vandal Switches

With sealing degree of IP67, our Vandal-Resistant Switches are available in a variety of sizes including the most popular 19mm and 22mm. Also available with UL approval in some series, our IP67 switches offer both ring or dot illumination, custom convex plastic actuators and non-illuminated options. Choices of body and actuator color include stainless steel, nickel and anodized aluminum in black, red, yellow, green or blue with LED bi-color option.





popular relays and switches for use in marine applications

Contact rating up to 110VDC



A2K Series

Along with a mounting bracket option, the A2K Series Automotive Relay offers an **internal blowout magnet**. Large switching capacity up to 60A with coil voltage of 12VDC or 24VDC. Coil power is 1.6W with contact ratings of 1A or 1C, with or without diode and resistor. The A2 Series dimensions are 26.5 x 32.0 x 33.5mm

Contact rating up to 145VDC



A3K Series

With **internal blowout magnets** and large switching capacity up to 80A the A3K Series Automotive Relay offers PC pin or quick connect mounting. The A3 Series is available as 1A or 1C with or without diode or resistor. Coil voltage choices are 12VDC or 24VDC, with coil power of 1.6W. Metal mounting bracket available. Dimensions are 26.5 x 32.0 x 35.5mm.



A2H Series

Low temperature rise at full load is a hallmark of the A2H Series. With large switching capacity up to 50A and a choice of PC pin or quick connect mounting, this ruggedly constructed relay offers 1A or 1C contact arrangement with coil voltage option of 12VDC or 24VDC. Coil power is 1.6W. The A2H Series dimensions are 26.0 x 26.0 x 22.7mm, with two styles of mounting flanges.



A2 Series

Offering two mounting flange options the A2 Series is also available with a shrouded version. Large switching capacity up to 40A with coil voltage ranging from 6VDC up to 48VDC. Coil power options are 1.6W or 1.9W. Contact ratings are 1A, 1B or 1C. The A2 Series dimensions are 26.0 x 26.0 x 24.5mm.



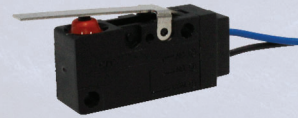
A6 Series

The A6 Series automotive relay for sale is small in size and light weight. Offering low coil power consumption, switching current is up to 30A with contact arrangement choices of 1A or 1C. Coil voltage options for this relay are 12VDC or 24VDC with coil power of 0.9W or 1.3W. With PC pin mounting, the A6 Series is 22.5 x 15.0 x 25.2mm. Contact factory directly for information on our shrouded version.



A17 Series

With switching capacity up to 30A, the A17 Series automotive relay is light weight and small in size. Suitable for automotive and lamp accessories, this small automotive relay switch offers contact arrangement of 1A with coil voltage options of 12VDC or 24VDC and coil power of .96W. PC pin mounted, the A17 Series auto relay is 16.5 x 15.5 x 24.3mm in size.



VM3S Series Snap-Action Switch Process sealed and miniature in size, the VM3S Series offers momentary function with two choices of operating force. Actuator options include 6 choices with quick connect or wire assembly termination. TÜV, UL and CUL certified.

Process sealed relays & switches offer dust tight housing with protection against splashing water, low pressure water jets or temporary immersion up to 1 meter. CIT Relay & Switch offers many options of sealed relays & switches with sealing degree reaching up to IP67. Also available with some series are protective splash proof boots. See individual series to determine sealing degree.



20550 Commerce Blvd, Rogers, MN 55374 USA

763.535.2339 • sales@citrelay.com

CIT Relay & Switch manufactures a broad array of RoHS compliant electromechanical automotive, telecom, security, industrial and HVAC relays and switches. Thank you for giving CIT Relay & Switch the opportunity to demonstrate why so many are joining our growing list of satisfied customers — customers who have come to rely on the service and quality provided by CIT Relay & Switch.

find your **SMART SOLUTIONS** here