

Marine Industries

relays & switches

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.

process sealed relays



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.



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.



A3 Series

Large switching capacity up to 80A with PC pin or quick connect mounting, the A3 Series is QS-9000 and ISO-9002 certified. Offering both standard and heavy duty contact ratings, the A3 Series is available as 1A, 1B, 1C or 1U. Coil voltage choices are 12VDC or 24VDC, with coil power of 1.8W. Dimensions are 28.5 x 28.5 x 26.5mm.



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.

current applications

- Marine Battery Packs
- Trolling Motors
- On-Board Charging
- Instrument Panels
- Pumps
- Outboard Motors
- Weed Rollers
- Power Anchors



process sealed switches



Anti-Vandal Switches

With sealing degree of IP67, CIT Relay & Switch Vandal-Resistant Switches are available in a variety of sizes from 12mm FH & GH Series up to the 40mm DH Series. Also available with UL approval in our AHU and DH22U Series, our IP65 switches offer both ring and dot illumination and non-illuminated options. Choose the EH Series anti-vandal switch for a rounded convex actuator or the AH, BH, CH or DH Series for a flat actuator. Choices of body and actuator color include stainless steel, nickel and anodized aluminum in black, red, yellow, green or blue, with LED bi-color options.



Sealed Rocker Switches

Process sealed rockers are available in miniature, sub-miniature, and ultra sub-miniature sizes offering up to DPDT with 6 functions. Actuator style is rocker pc mount and terminal options include PC pin, horizontal mount right angle PC pin, vertical mount right angle PC pin, PC pin support bracket and snap-in support bracket. Gold contacts are also available for these IP67 switches. Also offered are water resistant boots for our non-sealed rocker switches.



Sealed Toggle Switches

IP67 process sealed miniature rocker switch offering up to 3PDT with 6 functions. A wide variety of actuator styles are offered and terminal options include solder lug, PC pin, quick connect, horizontal mount right angle PC pin, vertical mount right angle PC pin, PC pin support bracket and snap-in support bracket. Gold contacts are also available. Rubber boots are another option to seal the toggle switches.



Sealed Tactile Switches

Process sealed tactile 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 a large number of process 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.



ES Series

The round, illuminated ES Series panel mount push button switch is available with bi-color LED options and a matte body finish. Actuator options include round, flat, raised and now square with a square frame. IP67 process sealed, this push button switch is SPST normally open or SPST normally close and momentary or latching.

CIT Relay & Switch validation test lab

CIT Relay & Switch has a sophisticated test lab for failure analysis and material testing, helping our customers solve their toughest problems. Our aim is to establish long-lasting relationships with our customers by providing comprehensive technical expertise using our state-of-the-art test lab. Providing accurate and concise solutions, we give our customers the best explanation about how their components perform. Contact a CIT Application Engineer to validate product suitability for your application with real-time live testing backed with data.



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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.

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