

## Agriculture switches & relays

Automotive relays, solid state relays, and switches play a vital role in modern agricultural equipment such as tractors, plows, combines, harvesters, fertilizer spreaders, and balers among many other uses. Relays are commonly used to control high-current components like motors, lights, and hydraulic systems, providing reliable switching under rugged field conditions. Solid state relays offer fast, silent, and wear-free operation, ideal for precision control in electronic systems such as GPS-guided automation and variable rate application systems. switches serve as user interfaces and safety controls, enabling operators to manually activate or disable functions like PTO drives, lighting systems, or hopper releases. Together, these components enhance reliability, automation, and operational efficiency across a wide range of agricultural machinery.



**A1 & A1M Series**

With switching capacity up to 30A and 20A respectively, the A1 & A1M Series are suitable for automotive and lamp accessories. Mounting methods are PC pin or quick connect. Contact arrangement options are 1A, 1B or 1C with coil power options of 1.2W or 1.5W. The A1 Series size is 22.8 x 15.3 x 25.8mm. The A1M Series is 20.2 x 15.2 x 22.0mm.



**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.



**A2K Series**

The rugged A2K Series offers an industry leading internal blowout magnet. Built to help break the electric arc that may form when the contact are opening, the A2K Series offers large switching capacity up to 60A with coil voltage of 12VDC and 24VDC and coil power of 1.6W. Contact ratings are 1A or 1C. The A2K Series dimensions are 26.5 x 32.0 x 33.5mm.



**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.



**A3K Series**

Like the A2K, our A3K Series offers an industry leading internal blowout magnet. The A3K Series offers even larger switching capacity up to 80A with coil voltage of 12VDC and 24VDC and coil power of 1.6W. Contact ratings are 1A or 1C. The A3K Series dimensions are 26.5 x 32.0 x 35.5mm.



**A6 Series**

The A6 Series automotive relay is small and light weight. Offering low coil power consumption, switching current is up to 30A with contact arrangement choice of 1A or 1C. Coil voltage options are 12VDC or 24VDC with coil power of 0.9W or 1.3W. With PC Pin mounting, dimensions are 22.5 x 15.0 x 25.2mm



**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, the A17 offers contact arrangement of 1A with coil voltage options of 12VDC or 24VDC and coil power of .96W. PC pin mounted dimensions are 16.5 x 15.5 x 24.3mm.



### DH Series

Offering size options of 22mm, 25mm, 28mm and 30mm standard, the DH Series can be customized up to 40mm. Being both vandal and splash resistant, this panel mount switch is heavy-duty and rugged in construction. The DH Series is available as momentary or latching in both SPST and DPST, normally open and normally closed. Flush actuator styles offer non-illuminated, bi-color ring or dot illumination. Mushroom style actuators are available in red anodized aluminum in both dot illuminated or non-illuminated. Illumination color choices are red, yellow, green, blue, white and orange. LED voltage choices range from 6V to 220V. The DH Series is also available with UV protection to resist fading. Available for the 22mm and 25mm versions, wall plates are available in brushed aluminum and yellow anodized brushed aluminum in three different sizes along with aluminum switch housing in up to 5 positions, with and without mounting flanges.



### ME Series

The ME Series is an IP67 process sealed tactile switch offering both through-hole and surface mount options with a 350gF actuation force. With actuator and housing of PA6T Polyimide and silver plated stainless steel dome contact, the ME Series uses a silicon rubber internal seal providing truly sealed, one piece construction. Actuator color is standard black; contact factory for additional color options.



### ANT Series

Available up to 4PDT with numerous functions, the ANT Series miniature toggle switch offers multiple latching options. Terminal options include solder lug, PC pin, quick connect, horizontal mount right angle PC pin or snap-in bracket, vertical mount right angle PC in or snap-in bracket, PC pin support bracket or snap-in support bracket. The ANT Series offers many bushing options with actuator length ranging from 5.08mm up to 26.3mm. Multiple actuator covers with choices in cover colors are also available.

### current applications

- Tractors
- Plows
- Combines
- Seeders
- Fertilizer Spreaders
- ATV's
- Wagons
- Trailers
- Harvesters
- Balers



## CIT Relay & Switch validation test lab

CIT Relay & Switch offers advanced technical expertise through its state-of-the-art test and technology lab, providing failure analysis, material testing, and extensive validation services to ensure reliable component performance. With a focus on engineering design, IQC, and relay life testing backed by Wiebull curve documentation, CIT supports customers with accurate analysis, bonded inventory, and certifications including UL, cUL, and TUV. Our lab tests for key parameters such as contact material integrity and electrical performance, while warehousing in Minnesota and Hong Kong ensures efficient delivery. CIT's technical team is always available to assist with complex application challenges, offering support on materials, design, and performance optimization.



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CIT Relay & Switch delivers a comprehensive selection of ROHS-compliant electromechanical relays, switches and solid-state relays, designed to meet the demands of a wide variety of industries — from automotive and telecom to industrial automation, building systems, and beyond. We appreciate the opportunity to earn your business and demonstrate why companies across diverse sectors trust CIT for dependable performance, responsive service and consistent quality.

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