

Railway switches & relays

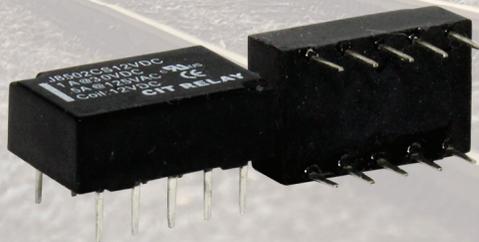
Our electromechanical relays and switches play critical roles in the rail industry across multiple systems due to their reliability, robustness, and ability to handle high currents and voltages. CIT relays and switches are currently being used in trains, railway communications, railway lighting, and train constructions. Contact your CIT distributor or manufacturer's representative for more information.

relays



J151 Series

The J151 Series is an ice cube style relay with switching capacity up to 20A. With low coil power consumption and high contact load, the J151 Series has strong resistance to shock and vibration. Contact arrangements include 1A, 2A, 3A, 4A, 1B, 2B, 3B, 4B, 1C, 2C, 3C, and 4C. Coil voltage ranges from 12VDC up to 240VAC with DC coil power options of .90W, 1.4W or 1.5W and AC coil power options of 1.2VA, 2.0VA or 2.5VA. The J151 offers PC pin or solder lug mounting options. Dimensions are dependent upon style choice with a flange option. UL Agency approval is E197852.



J850 Series

The J850 Series relay is an ultra-low profile, monostable relay, with contact arrangement of 2C and coil voltage ranging from 3VDC up to 24VDC and coil power of 0.14W or 0.20W. The compact size 14.0 x 9.0 x 4.9mm. Also available in a surface mount package, the J850 and surface mount J850SM is UL / cUL certified.



J152 Series

The J152 Series is an ice cube relay with switching capacity up to 10A. With low coil power consumption and high contact load, the J152 Series 10A switching relay has strong resistance to shock and vibration. Contact arrangements include 2A, 3A, 4A, 2B, 3B, 4B, 2C, 3C, and 4C. Coil voltage ranges from 12VDC up to 220VAC with DC coil power of .90W and AC coil power of 1.2VA. The J152 offers PC pin or solder lug mounting options. Dimensions are dependent upon style choice with a flange option. UL Agency approval is E197851.



Relay Sockets

CIT Relay & Switch offers relay sockets for a large number of automotive and UL approved relays. For use in both PC Pin and Panel Mount & Wire assembly. Din Rail Mountable and Finger Safe DIN Rail Mountable are also available.

switches



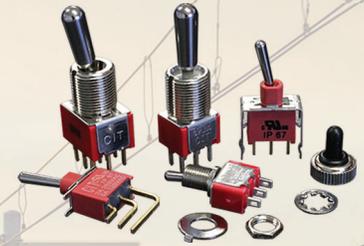
Snap-Actions Switches

Frequently known as a micro switch, a snap-action switch is an electromechanical switch that is actuated by very little physical force, through the use of a tipping point mechanism. Snap-action micro switches can open and close an electrical circuit at a rapid speed, triggered by an external force. Offering two sizes, miniature and sub-miniature, we will soon have an ultra sub-miniature version available, contact factory. Sealed versions are available.



Pushbutton Switches

The miniature ANP Series and the sub-miniature BNP Series are ideal for use in railway control applications. Typically used to close or open an electric circuit when pushed, the CIT family of push button switches offers micro, miniature, small and subminiature sizes with sealed, through-hole, right angle, and surface mount switch terminal options with a multitude of choices in cap styles. Our versatile illuminated push button switches provide several LED color choices. Bi-color LED choices make endless the combinations and applications for these popular switches.



Toggle Switches

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.

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 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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