

Elevator & Escalator *relays & switches*

Electromechanical relays and switches are used in a large variety of elevator, escalator and people mover controls in both the control system and the user interface. Relays are often used in the mechanical control of the system, while Anti-Vandal switches are often the most visible switch used. High reliability is required due to heavy use and long-term life expectancy.

Our relays and switches represented here are currently being used in elevators, escalators and people movers throughout the world. CIT Relay & Switch offers a wide range of relays and switches for use in this industry, including the ability to custom design product for your needs.

Relays



J104 Series

The J104 Series voltage sensitive relay offers bifurcated contacts for high reliability with high sensitivity. Conforming to FCC Part 68, this PC pin mounted relay offers 2C contact arrangement with coil voltage ranging from 3VDC up to 48VDC with coil power options of .40W or .55W. Dimensions are 20.0 x 9.8 x 10.8mm. UL Agency approval is E197851.



J107 Series

F Class insulation is standard on the J107F Series relay. Light-weight and small in size, the J107F Series is PC pin mountable with contact arrangement options of 1A, 1B, or 1C. Coil voltage ranges from 3VDC up to 48VDC with coil power options of .36W, .45W or .80W. The dimensions of the UL-approved relay are 19.0 x 15.5 x 15.3mm. UL Agency approval is E197851.



J114AF Series

With switching capacity up to 16A, the J114AF Series PC board relay offers F Class insulation standard with PC pin mounting. Contact arrangement options for this 16A relay are 1A, 1C, 2A or 2C. Coil voltage ranges from 3VDC up to 48VDC with coil power options of .53W or .72W. Dimensions are 29.0 x 12.7 x 20.0mm. Agency approval for this UL-approved relay is E197851.



J115F1, F2 & F3 Series

The J115F_ Series relays are economical, with switching capacity up to 30A. Offering heavy contact load and strong shock and vibration resistance in a light-weight and small size package, these small 30a relays offer 1A, 1B or 1C contact arrangement with coil voltage ranging from 5VDC up to 110VDC with coil power options of .60W or .90W. Dimensions depend upon the style option chosen, including PC pin, low profile, mounting tab versions and with or without dust cover. Relay is TUV and UL E197852 certified.



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.



J152 Series

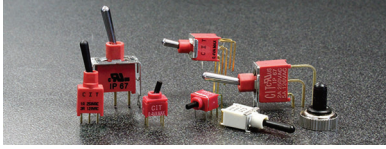
The J152 Series is an ice cube relay with switching capacity up to 10A. With low coil power consumption and high contact load, the J152 Series 10A switching relay has strong resistance to shock and vibration. Contact arrangements include 2A, 3A, 4A, 2B, 3B, 4B, 2C, 3C, and 4C. Coil voltage ranges from 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.

Switches



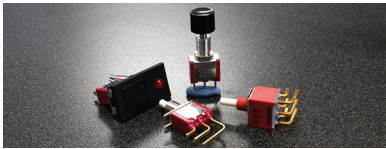
Anti-Vandal Switches

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.



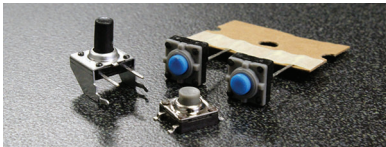
Toggle Switches

The CIT toggle switches are electromechanical switches that are operated by a type of handle or lever actuator. Among the most common types of switches, and available in many different sizes, toggle switches are used in many types of applications including consumer use but due to their exceptional durability, they are very often found in commercial and industrial applications. CIT offers standard and process sealed versions.



Pushbutton Series

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.



Tactile Switches

CIT Relay & Switch offers tactile switches with lighted, sealed, thru-hole, right angle and surface mount terminal options with a multitude of choices in cap styles, many of which are available with and without LED hole and several optional frames. Our extremely versatile tact switches provide design engineers with several LED color choices. Bi-color choices make endless the combinations and applications for these popular switches. Non-lighted versions are also available with multiple cap and frame color combinations. Process sealed versions are available.



Snap-Action 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. CIT offers two sizes snap-action and a latching version.

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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