

Audio Visual relays & switches

Essential components in audio-visual equipment, switches and relays each serve specific roles to ensure the proper operation and functionality of these devices. Applications include power control, input selection, volume and tone control, signal routing, input/output switching, overload and surge protection, power sequencing, automation system controls, and signal isolation.



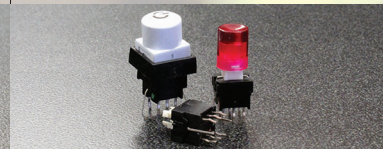
J104 Series

The J104 Series relays offer 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.



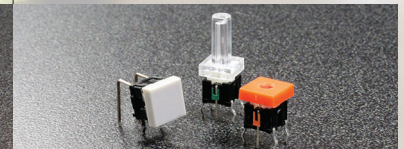
J105D Series

With switching capacity up to 10A, the J105D Series relay offers a small, light-weight package. This small relay features low coil power consumption with high contact load, contact arrangement is 1A or 1C with voltage options from 3VDC up to 24VDC. Coil Power options are .20W or .45W. The J105D Series dimensions are 20.59 x 10.15 x 15.75mm. UL Agency approval is E197851.



BT Series

The versatile BT series illuminated pushbutton switch offers switching functions of both momentary and latching. Design engineers may choose from seven single LED colors or six dual LED color choices along with a round frame, square frame or no frame at all with many cap style options. The numerous cap styles and colors offered are available in semi-transparent, transparent and opaque styles with unlimited laser etching choices.



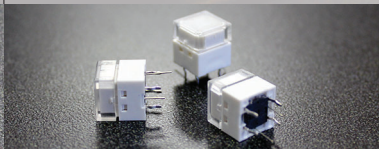
CL1200 Series

Offering surface mount, through-hole and right angle mounting, the CL1200 Series is a momentary SPST tactile switch. Available with actuation force of 160 +/- 50gf and actuator travel of 0.25 +/- .1mm, the CL1200 Series is available as a square tactile switch with LED hole, round, and round switch with LED hole actuator styles in a multitude of colors. Bi-color LED options are red, green, yellow, blue, white, orange and RGB. Optional frames in round and square are also available for the CL1200 series illuminated switch.



DG Series

The DG Series illuminated pushbutton switch is available with bi-color LED choices of red, green, yellow, blue and white. Panel mount and small in size the DG series is SPST and momentary, with silver or gold contact option. Features include 100,000 electrical life cycles and PC pin terminal options. The panel mount switch is made with polycarbonate actuators, nylon housing, and gold or silver contacts and terminals.



JA Series

The JA Series key tactile switch offers bi-color LED options with multiple lens colors choices. SPST with momentary latching, the JA series tactile switch offers a square actuator style with multiple transparent cap colors and a white semi-transparent diffuser option. This square switch features housing materials made with polybutylene terephthalate (PBT) and a LED lens made with polycarbonate (PC).



JC Series

The versatile JC Series is a high quality push button panel mount switch offering a variety illuminated package styles to fit nearly any design requirement. With bi-colored LED combinations, the JC series PCB mountable push button switch offers an internal snap-action mechanism providing long lasting, quick make and break momentary or latching contacts. LED segmenting offers uniform lighting.



NL Series

The NL Series illuminated tactile switch is SPST and momentary and surface mount in an incredibly small package size. Bi-color illumination color choices are red, green, yellow, blue, white, orange, and pure green. The NL series dual LED switch offers two cap styles and ten laser etching options.



AD Series

The illuminated AD Series offers a complete switch solution for all your audio panel needs. Long travel of 4.5mm (standard) for AD01 or shorter travel of 3.5mm on the AD02, actuation force of 250gF. Contacts with gold plating on the SPST NO push button switch assure high reliability and long life of 5,000,000 operations typically. Also offering a large variety of lens and diffuser options, color choices for the LED push button switch are red, green, yellow, blue, and white with many combinations of the same available. Actuator styles of the illuminated switch include 10mm, 12mm, 15mm or 17.4mm square, sculptured, flat or home key type.



RT Series

The versatile RT series illuminated SPST push button switch offers momentary switching function. Design engineers may choose from six single LED colors or six dual LED and RGB color choices. There are numerous actuator styles and colors offered. This illuminated switch is available in semi-transparent, transparent and opaque styles with ten laser etching choices.



TJ Series

The TJ Series illuminated tactile switch is IP67 process sealed in surface mount, right angle, surface mount right angle, or through-hole termination options. Bi-color LED choices for this illuminated switch are red, yellow, green, pure green, blue, white and orange with many color combination of the same. The TJ series offers semi-transparent, transparent, and opaque caps in over ten colors ranging from clear to misty silver for laser etching. Five different cap styles including a support ring allow the TJ series to configure into a navigation switch grouping. Discover the DPDT and SPST N O momentary switch options today!



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 IP67 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.

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.



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.

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