

EV Charging Station *relays & switches*

Relays and switches are key components in Electric Vehicle (EV) charging stations, playing critical roles in power management, safety, and control systems. They help manage the flow of electricity, protect the system, and ensure efficient and safe charging of EVs.



J115F 40amp Series

The J115F Series of relays are available in three styles, all offering heavy contact load up to 40 amp and strong shock and vibration resistance in light-weight and small size packages. PC pin mounting or panel mounting option is dependent upon the style chosen, with contact arrangements ranging from 1A to 1C. Coil voltage ranges from 5VDC to 277VAC with coil power of .60W or .90W or AC coil power of .2VA. Dimensions are dependent upon series, with mounting tabs also available. UL and TÜV certified.



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. Offering two sizes, miniature and sub-miniature, we will soon have an ultra sub-miniature version available, contact factory. Sealed versions are available.



J115F 50amp Series

The J115F 50amp Series relays offer heavy contact load and strong shock and vibration resistance in a light-weight and small size package. These relays offer 1A, 1B or 1C contact arrangement with coil voltage ranging from 5VDC up to 110VDC with coil power of 1.5W. Dimensions depend upon the style option chosen, including PC pin, low profile and mounting tab versions. UL Agency approval is E19785



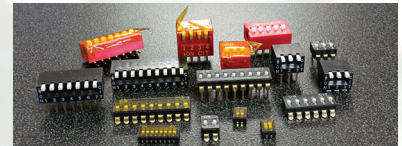
Tactile Switches

Tact switches are small in size and are used to close an electrical circuit. Usually used as an ON/OFF switch, our tact switches are available in sealed and unsealed, and through-hole and surface mount termination for placement on PCB Boards with a large variety of sizes, actuation gram force and actuator lengths. Available with lighted, sealed, thru-hole, right angle and surface mount terminal options and a multitude of choices in cap styles, many of which are available with and without LED hole and several optional frames. Bi-color choices make endless the combinations and applications. Non-lighted versions are also available with multiple cap and frame color combinations.



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.



DIP Switches

CIT Relay & Switch offers the low cost K Series family of DIP switches. Offering both extended and recessed actuators, the K Series standard, half pitch, right angle, and low profile DIP switches are available in through-hole, Gull Wing and J Lead termination. Positions range from 01 to 12. Most of the K Series family are compatible with SMT assembly and infrared reflow & automatic wave soldering. Packaging options include tape and reel or tube. Top tape seal is offered with the recessed actuators.



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.

CIT[®]
Relay & Switch

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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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