

# EV Charging Stations *relays & switches*

Relays and switches are becoming highly used in the emerging market of EV Charging Stations. CIT Relay & Switch has a wide variety of relays and switches to suit these products and can customize as needed.



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 depending upon series, with mounting tabs also available. UL and TÜV certified.



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



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.



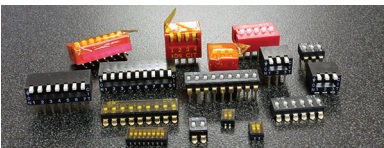
Snap Action Switches

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.



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.



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 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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