

## Lighting relays & switches

Our electromechanical relays and switches are commonly used in the fast changing LED lighting industry. From controls to fixtures, CIT Relay & Switch has a wide variety of relays and switches to suit these products and can customize as needed. Our highly skilled technical staff is ready to help you determine the right product for your needs.

### electro-mechanical relays



#### J107F 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.



#### J123 Series

With switching capacity up to 20A, the J123 Series is light-weight and small in size. Designed to withstand high inrush loads, this PC pin mountable relay offers contact arrangement options of 1A or 1C. Coil voltage ranges from 5VDC up to 48VDC with coil power options of .36W or .45W. The dimensions of the UL-approved relay are 19.5 x 16.1 x 17.1mm. UL Agency approval is E197851 and TUV-certified.



#### J115F1 Series

The J115F1 Series relay offers heavy contact load with 30 to 50 amp versions. Also available in panel mount, this PC pin mounted UL relay offers 1A, 1B or 1C contact arrangement with coil voltage ranging from 5VDC up to 277VAC with DC coil power of .60W or .90W and AC coil power of .2VA. Dimensions are 31.7 x 26.9 x 20.3mm. This UL-approved relay is available with or without a dust cover. Agency approval is UL E197852 and TUV-certified.



#### J115F1K Series

The J115F1K Series relay offers wide contact terminals with 1.8mm gap for better heat transfer. This PC pin mount relay offers 1A or 1C contact arrangement with coil voltage of 12VDC or 24VDC and a choice of 35A or 60A contact rating. Coil power options include 1.2W or 2.25W. Dimensions are 31.7 x 26.9 x 20.3mm. Agency approval is UL E197852.



#### L114FL Series

With switching capacity up to 16A, the low profile latching L114FL Series relay offers PC pin mounting. Strong resistance to shock and vibration, the L114FL Series is designed to withstand heavy contact load. Available with single or double coil latching function, contact arrangement options are 1A or 1C. Coil voltage ranges from 3VDC up to 24VDC with coil power of .40W or .60W. Dimensions of this latching relay are 29.0 x 12.7 x 15.7mm. Agency approval for this cUL/UL relay is E197851.



#### L115F1 Series

The latching L115F1 Series single coil latching relay offers heavy contact load in a light-weight and small size package. This PC pin mounted relay offers single coil latching with 1A, 1B or 1C contact arrangement. This 1A or 1C relay features a coil voltage ranging from 5VDC up to 48VDC with coil power of 90W or 1.5W. Dimensions are 26.9 x 31.7 x 20.3mm. The L115F1 is available with or without a dust cover. UL Agency approval is UL E197852



#### L115F2 Series

The L115F2 Series latching relay offers heavy contact load and strong shock and vibration resistance in a light-weight and small size package. This PC pin mounted relay offers 1A, 1B or 1C contact arrangement with coil voltage ranging from 5VDC up to 48VDC with coil power of .90W or 1.5W. Dimensions are 31.9 x 26.8 x 28.1mm. The L115F2 is available with or without a dust cover and a low profile version. UL Agency approval is UL E197852.



#### Solid State Relays

CIT Relay & Switch is now the home of the Picker Components line of Solid State Relays. With no internal moving parts, SSRs offer a much longer operational lifetime. With a large range of sizes, styles and load voltages, or solid state relays can be customized to fit your needs. UL Agency approval is available on many of our part series.

## switches



### RA Series

The RA Series rocker switch offers an illuminated option with a choice of SPST or SPDT. Multiple switch function options are available with terminal options of quick connect/solder lug, PC pins, right angle PC pins or left angle PC pins. The versatile RA series panel mount rocker switch offers multiple housing color, actuator color and actuator marking color choices.



### RW Series

The RW Series rocker switch offers an illuminated option with a choice of SPDT or DPDT. Multiple latching options are available with terminal options of quick connect/solder lug and multiple switch functions. Illumination options for the lighted rocker switch are neon or tungsten lamp. The versatile RW series offers multiple housing color, actuator color, including colored transparent, actuator markings, and actuator marking color choices.



### RD07 Series

The RD07 Series Coded Rotary DIP switch is IP67 process sealed in a sub-miniature package. 7mm in size, the RD07 Series IP67 rotary switch is available with three actuator style options in extended or recessed style. Offering three positions from 4 to 16, the RD07 is available with straight or gull wing termination. Packaging options for the process-sealed switch include tube or tape & reel.



### RD10 Series

The RD10 Series Coded Rotary DIP switch is an IP67 process sealed switch in a miniature package. The RD10 Series 10mm switch is available with two actuator style options in extended or recessed style. Offering five positions from 4 to 16, the RD10 rotary DIP encoder is available with straight or gull wing termination. Packaging options include tube or tape & reel.

# 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.

find your **SMART SOLUTIONS** here