

# UL Approved Relays

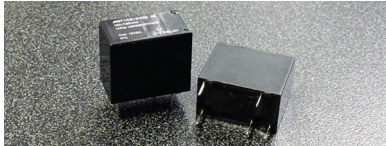
## general purpose

### current applications

- School Buses
- Lawn Mowers
- Wheelchair Lifts
- Fork Lifts
- Marine & Yachts
- Rear Lift Gates
- Recreational Vehicles
- Tractors
- ATV's
- Golf Carts

UL approved relays are used in a wide variety of applications such as control boards, HVAC, and industrial controls, among many others.

UL approval defines the basic functional and safety requirements for applications in all areas of electronics and are verified as compliant with the requirements.



J097 Series

Contact Arrangement : 1C  
Ratings : up to 10 Amp  
Voltage : 3VDC up to 40VDC  
Mounting : PC Pin  
Dimensions : 18.02 x 9.95 x 15.3mm  
UL Agency Approval : E197851



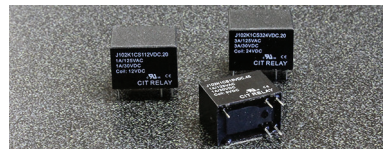
J099 Series

Contact Arrangement : 1A  
Ratings : up to 10 Amp  
Voltage : 12VDC & 24VDC  
Mounting : PC Pin  
Dimensions : 18.4 x 15.0 x 10.3mm  
UL Agency Approval : E197851



J100 Series

Contact Arrangement : 1A  
Ratings : up to 10 Amp  
Voltage : 3VDC up to 48VDC  
Mounting : PC Pin  
Dimensions : 18.29 x 10.28 x 15.49mm  
UL Agency Approval : E197851



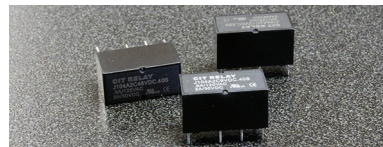
J102 Series

Contact Arrangement : 1A, 1B, 1C  
Ratings : up to 5 Amp  
Voltage : 3VDC up to 24VDC  
Mounting : PC Pin  
Dimensions : 15.5 x 10.5 x 11.25mm  
UL Agency Approval : E197851



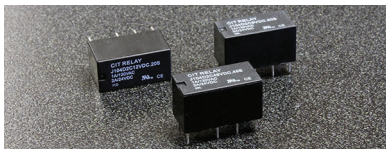
J103 Series

Contact Arrangement : 1C  
Ratings : 2 Amp  
Voltage : 3VDC up to 24VDC  
Mounting : PC Pin  
Dimensions : 12.5 x 7.5 x 10.0mm  
UL Agency Approval : E197851



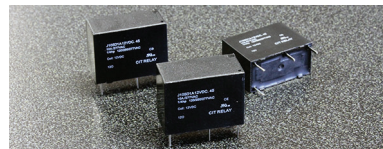
J104A, J104B & J104C Series

Contact Arrangement : 2C  
Ratings : up to 3 Amp  
Voltage : 3VDC up to 48VDC  
Mounting : PC Pin  
Dimensions : dependent upon series  
UL Agency Approval : E197851



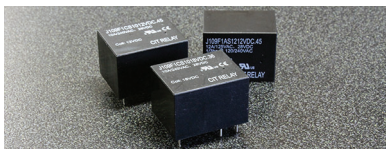
J104D Series

Contact Arrangement : 2C  
Ratings : up to 2 Amp  
Voltage : 3VDC up to 48VDC  
Mounting : PC Pin  
Dimensions : 20.4 x 10.05 x 11.0mm  
UL Agency Approval : E197851



J105D Series

Contact Arrangement : 1A, 1C  
Ratings : up to 10 Amp  
Voltage : 3VDC up to 48VDC  
Mounting : PC Pin  
Dimensions : 20.59 x 10.15 x 15.75mm  
UL Agency Approval : E197851



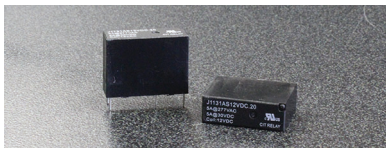
J107F Series

Contact Arrangement : 1A, 1B, 1C  
Ratings : up to 20 Amp  
Voltage : 3VDC up to 48VDC  
Mounting : PC Pin  
Dimensions : 19.0 x 15.5 x 15.3mm  
UL Agency Approval : E197851



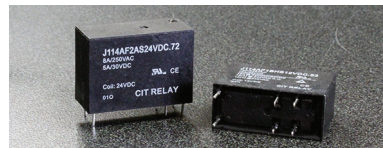
J109F Series

Contact Arrangement : 1A, 1B, 1C  
Ratings : up to 12 Amp  
Voltage : 5VDC up to 48VDC  
Mounting : PC Pin  
Dimensions : 22.3 x 17.3 x 14.5mm  
UL Agency Approval : E197851



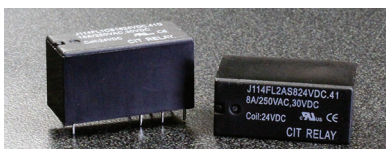
J113 Series

Contact Arrangement : 1A  
Ratings : 5 Amp  
Voltage : 5VDC up to 24VDC  
Mounting : PC Pin  
Dimensions : 20.2 x 5.3 x 12.8mm  
UL Agency Approval : E197851



J114AF Series

Contact Arrangement : 1A, 1C, 2A, 2C  
Ratings : up to 16 Amp  
Voltage : 3VDC up to 48VDC  
Mounting : PC Pin  
Dimensions : 29.0 x 12.7 x 20.0mm  
UL Agency Approval : E197851



J114FL Series

Contact Arrangement : 1A, 1C, 2A, 2C  
Ratings : up to 16 Amp  
Voltage : 5VDC up to 48VDC  
Mounting : PC Pin  
Dimensions : 29.0 x 12.6 x 15.7mm  
UL Agency Approval : E197851



J115F1 Series

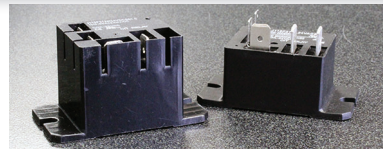
Contact Arrangement : 1A, 1B, 1C  
Ratings : up to 40 Amp  
Voltage : 5VDC up to 277VAC  
Mounting : PC Pin  
Dimensions : 31.7 x 26.9 x 20.3mm  
UL Agency Approval : E197851 & TÜV





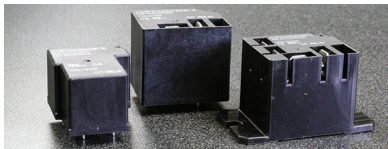
J115F2 Series

Contact Arrangement : 1A, 1B, 1C  
Ratings : up to 40 Amp  
Voltage : 5VDC up to 277VAC  
Mounting : PC Pin  
Dimensions : 31.9 x 26.8 x 28.1mm  
UL Agency Approval : E197852 & TÜV



J115F3 Series

Contact Arrangement : 1A, 1B, 1C  
Ratings : up to 40 Amp  
Voltage : 5VDC up to 277VAC  
Mounting : Panel Mount  
Dimensions : 32.4 x 26.8 x 28.1mm  
UL Agency Approval : E197852 & TÜV



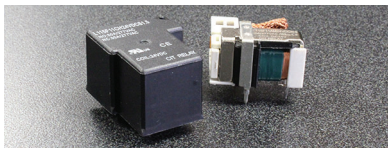
J115F\_E Series

Contact Arrangement : 1A, 1B, 1C  
Ratings : up to 30 Amp  
Voltage : 5VDC up to 110VDC  
Mounting : dependent upon series  
Dimensions : dependent upon series  
UL Agency Approval : E197852 & TÜV



J115F 50Amp Series

Contact Arrangement : 1A, 1B, 1C  
Ratings : up to 50 Amp  
Voltage : 5VDC up to 110VDC  
Mounting : dependent upon series  
Dimensions : dependent upon series  
UL Agency Approval : E197852 & TÜV



L115F1 Series - Latching

Contact Arrangement : 1A, 1C  
Ratings : up to 50 Amp  
Voltage : 5VDC up to 48VDC  
Mounting : PC Pin  
Dimensions : dependent upon options  
UL Agency Approval : E197852



L115F2 Series - Latching

Contact Arrangement : 1A, 1C  
Ratings : up to 50 Amp  
Voltage : 5VDC up to 48VDC  
Mounting : dependent upon options  
Dimensions : dependent upon options  
UL Agency Approval : E197851



J117F Series

Contact Arrangement : 1A, 1C  
Ratings : 8 Amp  
Voltage : 5VDC, 12VDC, 24VDC  
Mounting : PC Pin  
Dimensions : 28.5 x 10.0 x 12.3mm  
UL Agency Approval : E197851



J118 Series

Contact Arrangement : 1A, 1B, 1C  
Ratings : up to 20 Amp  
Voltage : 9VDC, 12VDC, 24VDC  
Mounting : PC Pin  
Dimensions : 15.5 x 12.2 x 13.8mm  
UL Agency Approval : E197851



J120D Series

Contact Arrangement : 1A  
Ratings : 20 Amp  
Voltage : 5VDC up to 48VDC  
Mounting : PC Pin, Quick Connect  
Dimensions : 30.0 x 15.5 x 23.3mm  
UL Agency Approval : E197851



J123F Series

Contact Arrangement : 1A, 1C  
Ratings : up to 20 Amp  
Voltage : 5VDC up to 48VDC  
Mounting : PC Pin  
Dimensions : 19.5 x 16.1 x 17.1mm  
UL Agency Approval : E197852



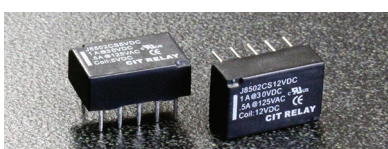
J151 Series

Contact Arrangement : 1A thru 4C  
Ratings : up to 20 Amp  
Voltage : 12VDC up to 240VAC  
Mounting : PC Pin, Solder Lug  
Dimensions : dependent upon options  
UL Agency Approval : E197852



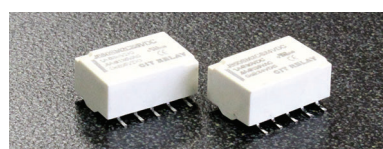
J152 Series

Contact Arrangement : 2A thru 4C  
Ratings : up to 10 Amp  
Voltage : 12VDC up to 220VAC  
Mounting : PC Pin, Solder Lug  
Dimensions : dependent upon options  
UL Agency Approval : E197851, TÜV



J850 Series

Contact Arrangement : 2C  
Ratings : 1 Amp  
Voltage : 3VDC up to 24VDC  
Mounting : PC Pin  
Dimensions : 14.0 x 9.0 x 4.9mm  
UL Agency Approval : E197851



J850SM Series

Contact Arrangement : 2C  
Ratings : 1 Amp  
Voltage : 3VDC up to 24VDC  
Mounting : PC Pin, surface mount  
Dimensions : 14.0 x 9.0 x 4.9mm  
UL Agency Approval : E197851

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.

Authorized Distributor



14680 James Road, Rogers, MN 55374 USA

763.535.2339 • sales@citrelay.com

Headquarters- Ontario 800.263.3562 / 905.889.9100

Calgary 403.291.3516 • Montreal 514.556.3064

sales@irwin-ind.com