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FOR IMMEDIATE RELEASE

CIT RELAY & SWITCH Offers J114FL Ultra Slim, Low Profile 16 Amp Relay

Minneapolis, Minnesota – *CIT RELAY & SWITCH* introduces the J114FL Series high capacity, high circuit insulation relay. The J114FL is available with SPST N.O., SPDT, DPST N.O. and DPDT contact arrangements with contact ratings to 16A @ 250VAC / 30VDC and 8A @ 250VAC / 30VDC. This low profile relay measures in at 29.0 x 12.6 x 15.7mm. This fully sealed relay is immersion cleanable with flux tight construction. The J114FL Series relay is UL/CUL recognized and RoHS compliant featuring cadmium-free contacts ensuring environment-friendly use. This relay offers high isolation, low 400mW coil power consumption and F class insulation.

The J114FL has a maximum switching power of 480W, 4000VA; a maximum switching voltage of 440VAC, 125VDC; and a switching current of 16A. Electrical life at the rated load is 100k cycles and mechanical life is typically 10M cycles. With insulation resistance of 1000M Ω minimum at 500VDC, the J114FL offers coil-to-contact dielectric strength of 5000V rms minimum at sea level and contact-to-contact dielectric strength of 1000V rms minimum at seal level. Shock resistance is 500m/s² for 11 minutes and vibration resistance is 1.5mm double amplitude 10~40Hz. The copper alloy terminal strength is 5N.

The *CIT RELAY & SWITCH* J114FL series relay is ideal for use in power supply, HVAC, blower motor, cooking controls, element control of home appliance, lighting control, motor control, low voltage signal change-over in computer and computer peripherals, thermostats, modems, video recording, security, telecommunications, test equipment, instrumentation and medical applications. Lead-time averages 5 to 6 weeks. Pricing starts at **\$0.80** in volume, dependent upon contact arrangement.

CIT RELAY & SWITCH, a division of Circuit Interruption Technology, Inc., manufactures a broad array of automotive, telecom, security, industrial and audio relays and switches in thru-hole, panel, and surface mount styles. *CIT RELAY & SWITCH* products are supported by a worldwide network of distributors and sales representatives. For more information about the *CIT RELAY & SWITCH* J114FL Series Relay or any of the CIT relay or switch products, contact *CIT RELAY & SWITCH*, 1152 Highway 10 NE, Minneapolis, MN 55432. Phone: 763-535-2339, Fax: 763-535-2194, E-Mail: sales@citswitch.com, Website: www.citswitch.com

Direct Link: <http://www.citreley.com/Catalog%20pages/Relays/J114FL%20Catalog.pdf>

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