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FOR IMMEDIATE RELEASE

CIT RELAY & SWITCH Offers RoHS ¼ HP J105 Series Relay

Maple Grove, Minnesota – *CIT RELAY & SWITCH* announces immediate availability of its J105 Series relay. Small in size, this light-weight, low cost relay is offered in contact arrangements of both SPST N.O. and SPDT. Low coil power consumption and high contact load are hallmarks of this relay offering. Contact ratings are 4.2A[@]277VAC; 5A[@]250VAC; 10A[@]125VAC resistive; 1/4hp, 120/250/277VAC; TV-5, 120VAC and pilot duty: C150. The J105 Series contact resistance is <50 milliohms initially. Maximum switching power on the J105 Series is 150W, 1250VA with max switching voltage of 277VAC, 30VDC. The entire offering of the J105 Series is immersion cleanable with cover. Standard, RoHS lead free, environmentally friendly (no cadmium) contacts are AgSnO₂.

Electrical life of the J105 Series is typically 100K cycles with mechanical life of 10M cycles. Insulation resistance is 100MΩ at 500VDC. Dielectric strength, coil to contact is 1000Vrms minimum at sea level and contact to contact is 4000V rms. Shock resistance is 100m/s² for 11 minutes with vibration resistance of 1.5mm double amplitude 10~40Hz. Copper alloy terminal strength is 10N. Solderability is 260°C for 5 seconds with operating temperature of -40°C to 85°C and storage temperature of -40°C to 85°C. The J105 Series measures in at 18.5mm x 10.2mm x 15.8mm and weights 9.5g.

The J105 Series relay applications include computer and computer peripherals, telecommunications, security, test equipment, instrumentation, RV, medical applications, air conditioners, automotive, heating and ventilation, home appliance, motor control, and other industrial applications. Volume pricing ranges from \$0.35, dependent upon coil, contact configuration and volume. *CIT RELAY & SWITCH* lead-time is stock to 10 weeks.

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* DIP switch line or any of the CIT relay or switch products, contact *CIT RELAY & SWITCH*, 7003 Magda Drive, Maple Grove, MN 55369. Phone: 763-535-2339, Fax: 763-535-2194, E-Mail: sales@citrelay.com, Website: www.citrelay.com

Direct Link: <http://www.citrelay.com/Catalog%20pages/Relays/J105%20Catalog.pdf>

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