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FOR IMMEDIATE RELEASE

CIT Relay & Switch A5 Series Automotive Relay offers shorter than industry average lead time!

Minneapolis, Minnesota – The RoHS compliant A5 Series is small in size and light weight. Offering both two foot print styles – American and European PC layout, the A5 is sealed, immersion cleanable. An open frame is also available. Coil voltage options are 6VDC, 9VDC, 12VDC 18VDC and 24VDC with coil power choices of 1.6W and 1.9W. CIT Relay & Switch QS9000 and ISO9002 certified manufacturing insures quality and continuous reliability. European versions are “CE” marked and certified.

Contact Data: Contact arrangement choices are SPST Normally Closed, SPST Normally Open and SPDT. Rating is 40A at 14VDC. Contact resistance is less than 50Ωmm. Contact materials is AgSnO₂. Maximum switching power is 360W, maximum switching voltage is 75VDC, 380VAC with maximum switching current 40A.

General Data: Electrical life is 100K cycles with mechanical life of 10M cycles. Insulation resistance is 100MΩ at 500VDC. Dielectric strength coil to contact is 750V rms with contact to contact at 500Vrms. Shock resistance is 200m/s² for 11ms. Vibration resistance is 1.27mm double amplitude 10~40Hz. Copper alloy terminal strength is 10N. Operating temperature is -40°C to 85°C with storage temperature of -40°C to 155°C. Solderability is 260°C for 5s. The weight of the A5 relay is 21g covered, 19g open and measures 25.8mm x 20.5mm x 20.8mm.

Typical applications for the A5 Series relay applications include automotive and lamp accessories.

