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FOR IMMEDIATE RELEASE

CIT Relay & Switch A9 Series Fused Automotive Relay: Switching Capacity to 40A

Minneapolis, Minnesota – The RoHS compliant A9 Series accommodates standard sized automotive fuses from 3A to 40A. Coil voltage choices are 6, 12 and 24VDC. The A9 is in the standard automotive relay footprint with a metal mounting tab.

Contact Data: Contact arrangement is Single Pole Single Throw Normally Open. Rating is 40A at 14VDC. Contact resistance is less than 50 Ω mm. Contact material is AgSnO₂. Maximum switching power is 560W, maximum switching voltage is 75VDC with maximum switching current 40A.

General Data: Electrical life is 100K cycles with mechanical life of 10M cycles. Insulation resistance is 100M Ω at 500VDC. Dielectric strength coil to contact is 750V rms with contact to contact at 500Vrms. Shock resistance is 100m/s² for 11ms. Vibration resistance is 1/27mm double amplitude 10~40Hz. Copper alloy terminal strength is 8N. 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 A9 relay is 32g.

Typical applications for the A9 Series relay applications include automotive and lamp accessories.

