

**FEATURES:**

- Switching capacity up to 40A
- Accommodates standard sized automotive fuse
- Insert mounting footprint
- Suitable for automobile and lamp applications
- Metal mounting tab



35.5 x 25.5 x 21.0mm

**CONTACT DATA**

Contact Arrangement	1A = SPST N.O.
Contact Rating	40A @ 14VDC
Contact Resistance	< 50 milliohms initial
Contact Material	AgSnO <sub>2</sub>
Maximum Switching Power	560W
Maximum Switching Voltage	75VDC
Maximum Switching Current	40A

**COIL DATA**

Coil Voltage VDC		Coil Resistance Ω ± 10%	Pick Up Voltage VDC (max) 75% of rated voltage	Release Voltage VDC (min) 10% of rated voltage	Coil Power W	Operate Time ms	Release Time ms
Rated	Max.						
		1.8W					
6	7.8	20	3.9	1.2	1.8	7	5
12	15.6	80	7.8	2.4			
24	31.2	320	15.6	4.8			

**CAUTION:**

1. The use of any coil voltage less than the rated coil voltage may compromise the operation of the relay.
2. Pickup and release voltages are for test purposes only and are not to be used as design criteria.

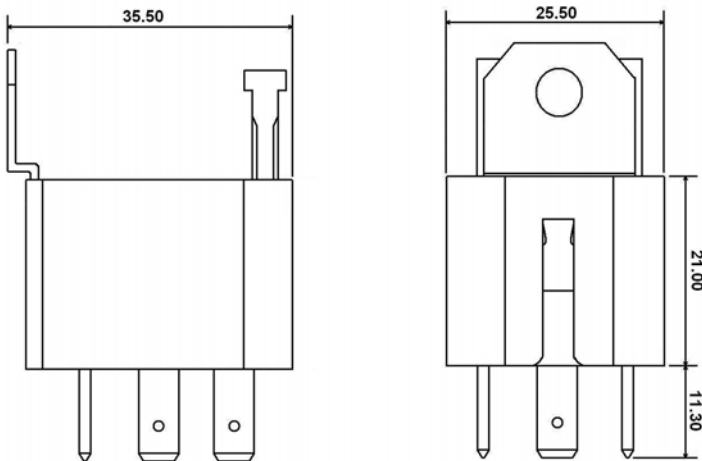
**GENERAL DATA**

Electrical Life @ rated load	100K cycles, typical
Mechanical Life	10M cycles, typical
Insulation Resistance	100MΩ min @ 500VDC
Dielectric Strength, Coil to Contact	750V rms min. @ sea level
Contact to Contact	500V rms min. @ sea level
Shock Resistance	100m/s <sup>2</sup> for 11ms
Vibration Resistance	1.27mm double amplitude 10-40Hz
Terminal (Copper Alloy) Strength	8N
Operating Temperature	-40°C to + 85°C
Storage Temperature	-40°C to + 155°C
Solderability	260°C for 5s
Weight	32g

**ORDERING INFORMATION**

<b>1. Series:</b>	A9	1A	C	12VDC	- 30A
A9					
<b>2. Contact Arrangement:</b>	1A = SPST N.O.				
<b>3. Sealing Options:</b>	C = Dust Cover				
<b>4. Coil Voltage:</b>	6VDC 12VDC 24VDC				
<b>5. Fuse Options:</b>	3A 4A 5A 7-1/2A 10A 15A 20A 25A 30A				

**DIMENSIONS (Units = mm)**



**\*\* Sockets for this relay can be found on the CIT RELAY SOCKET catalog page**

**SCHEMATIC (BOTTOM VIEW)**

