



#### Features

- Low coil power consumption
- Small size and light weight
- Switching current up to 35A
- · Suitable for household appliances, automotive applications
- 1A & 1C contact configurations available

# Contact Data\*

Contact Arrangement		1A = SPST N.O.	
		1C = SPDT	
Contact Rating	1A	35A @ 14VDC, resistive	
		15A @ 28VDC, resistive	
1C		35A @ 14VDC, resistive, NO	
		25A @ 14VDC, resistive, NC	
		15A @ 28VDC, resistive, NO	
		10A @ 28VDC, resistive, NC	

Contact Resistance	< 50 milliohms initial
Contact Material	AgSnO <sub>2</sub>
Maximum Switching Power	560W
Maximum Switching Voltage	75VDC
Maximum Switching Current	35A

# Coil Data\*

	′oltage DC	ge Coil Resistance Ω +/- 10%		Pick Up Voltage VDC (max)	Release Voltage VDC (min)	Coil Power W	Operate Time ms	Release Time ms
Rated	Max	.9W	1.3W	70% of rated voltage	10% of rated voltage			
12	15.6	160	109	8.4	1.2	.9	5	2
24	31.2	640	436	16.8	2.4	1.3	5	2

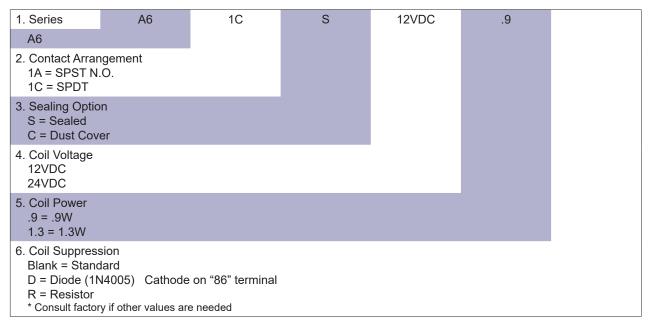
## General Data\*

Electrical Life @ rated load	100K cycles, average		
Mechanical Life	10M cycles, average		
Insulation Resistance	100M Ω min. @ 500VDC initial		
Dielectric Strength, Coil to Contact	500V rms min. @ sea level initial		
Contact to Contact	500V rms min. @ sea level initial		
Shock Resistance	100m/s <sup>2</sup> for 11 ms		
Vibration Resistance	1.27mm double amplitude 10~40Hz		
Terminal (Copper Alloy) Strength	10N		
Operating Temperature	-40°C to +125°C		
Storage Temperature	-40°C to +155°C		
Solderability	260°C for 5 s		
Weight	21g		

<sup>\*</sup> Values can change due to the switching frequency, desired reliability levels, environmental conditions and in-rush load levels. It is recommended to test actual load conditions for the application. It is the user's responsibility to determine the performance suitability for their specific application. The use of any coil voltage less than the rated coil voltage may compromise the operation of the relay.

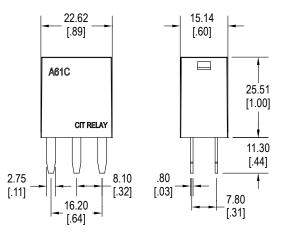


### **Ordering Information**



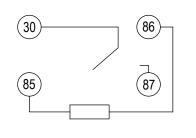
#### Dimensions

Units = mm



# Schematics & PC Layouts

**Bottom Views** 



1A

Dimensions are shown for reference purposes only. Specifications and availability subject to change without notice. A6 Rev B 10/2022

