



#### Features

- Switching capacity up to 30A
- Dual relay available
- Withstands high temperature : 105°C operating temperature
- PC pin mounting available
- Ultra light weight : 4g

# Contact Data\*

Contact Arrangement	1A = SPST N.O.	Contact Resistar		
	1C = SPDT	Contact Material		
	2A = (2) SPST N.O.	Max Switching P		
	2C = (2) SPDT	Max Switching V		
Contact Rating	1A : 25A, 30A @ 14VDC	Max Switching C		
	1C : 25A, 30A @ 14VDC N.O.			
	: 20A, 25A @ 14VDC N.C.	Limiting Continue		
	2A : 25A, 30A @ 14VDC			
	2C : 25A, 30A @ 14VDC N.O.			
	: 20A, 25A @ 14VDC N.C.			

Contact Resistance	< 30 milliohms initial		
Contact Material	AgSnO <sub>2</sub>		
Max Switching Power	420W		
Max Switching Voltage	28VDC		
Max Switching Current	40A On, 30A Off (current flow 3 sec max with make/ break ratio of 1:10)		
Limiting Continuous Current	NO/NC : 30A/25A @ 23°C NO/NC : 25A/20A @ 85°C		

# Coil Data\*

Coil Vo VE	•	Coil Resistance Ω +/- 10%	Pick Up Voltage VDC (max)	Release Voltage VDC (min)	Coil Power W	Operate Time ms	Release Time ms
Rated	Max		70% of rated volt- age	10% of rated volt- age			
5	6.0	45	3.50	0.5			
9	10.8	147	6.30	0.9	.55	≤ 3	
10	12.0	181	7.00	1.0	.57		≤ 1.5
12	14.4	254	8.40	1.2	EE	≤ 4	
24	28.8	1152	16.80	2.4	.55		

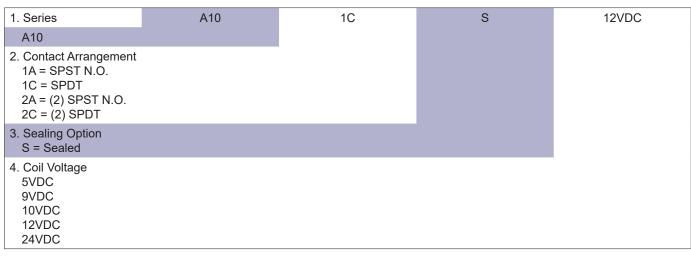
### **General Data\***

100K cycles, average		
10M cycles, average		
100M Ω min. @ 500VDC initial		
500V rms min. @ sea level initial		
500V rms min. @ sea level initial		
300m/s <sup>2</sup> for 6 ms		
1.27mm double amplitude 10~40Hz		
10N		
-40°C to +105°C		
-40°C to +155°C		
260°C for 5 s		
4g, 8g		

\* 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.

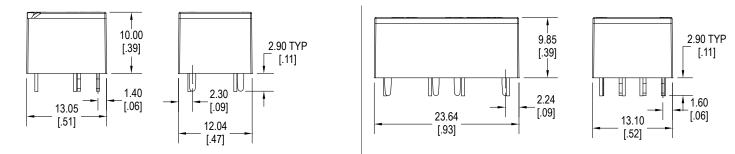


# **Ordering Information**

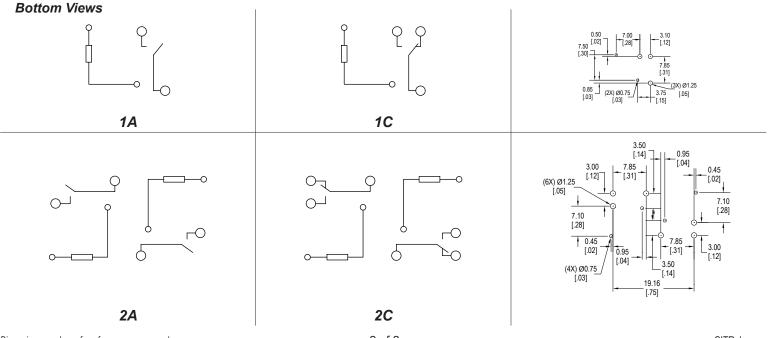


### Dimensions

Units = mm



# Schematics & PC Layouts



Dimensions are shown for reference purposes only. Specifications and availability subject to change without notice. A10 Rev B 10/2022 www.CITRelay.com sales@CITRelay.com