



- 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 Arrangement	1A = SPST N.O. 1C = SPDT	Contact Resistance	< 50 milliohms initial
Contact Rating	1A : 35A @ 14VDC 1C : 35A @ 14VDC N.O. : 25A @ 14VDC N.C.	Contact Material	AgSnO ₂
		Maximum Switching Power	560W
		Maximum Switching Voltage	75VDC
		Maximum Switching Current	35A

Coil Voltage VDC		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			
6	7.8	40	27	4.20	.6	.90 or 1.30	5	2
12	15.6	160	109	8.40	1.2			
24	31.2	640	436	16.80	2.4			

Electrical Life @ rated load	100K cycles, typical
Mechanical Life	10M cycles, typical
Insulation Resistance	100M Ω min. @ 500VDC
Dielectric Strength, Coil to Contact	500V rms min. @ sea level
Contact to Contact	500V rms min. @ sea level
Shock Resistance	100m/s ² for 11 ms
Vibration Resistance	1.27mm double amplitude 10~40Hz
Terminal (Copper Alloy) Strength	10N
Operating Temperature	-40°C to +85°C
Storage Temperature	-40°C to +155°C
Solderability	260°C for 5 s
Weight	21g

1. The use of any coil voltage less than the rated coil voltage may compromise the operation of the relay.

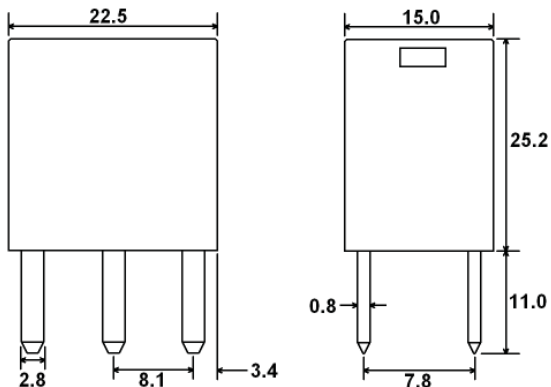
A6

Ordering Information

1. Series	A6	1C	S	12VDC	.9
A6					
2. Contact Arrangement					
1A = SPST N.O.					
1C = SPDT					
3. Sealing Option					
S = Sealed					
C = Dust Cover					
4. Coil Voltage					
6VDC					
12VDC					
24VDC					
5. Coil Power					
.9 = .9W					
1.3 = 1.3W					
6. Coil Suppression					
Blank = Standard					
D = Diode (1N4005) Cathode on "86" terminal					
R = Resistor					
* Consult factory if other values are needed					

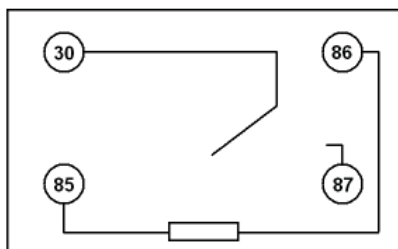
Dimensions

Units = mm

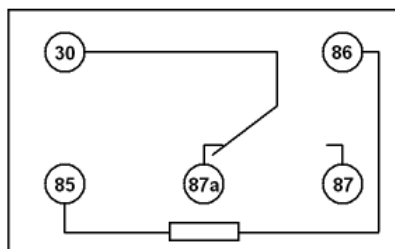


Schematics & PC Layouts

Bottom Views



1A



1C

