

	RA RELAY	
High switching 30A / 40A (1A)		
SPDT & SPST configurations PCB mounting, DIP package		

1. Contact Data

Contact Form	1A, 1B, 1C	
Contact Material	Ag Alloy	
Contact Ratings	Standard	High Capacity
	NO : 30A 240VAC 30A 28VDC NC : 20A 240VAC 20A 28VDC	NO : 40A 240VAC 40A 28VDC NC : 30A 240VAC 30A 28VDC
Max Switching Voltage	240VAC / 28VDC	
Max Switching Current	30A	40A
Max Switching Power	30A	40A
Contact Resistance	100mΩMax at 6VDC 1A	
Life Expectancy Electrical	100,000 Operations (at 30 Operation s / minute)	
Mechanical	10,000,000 Operations	

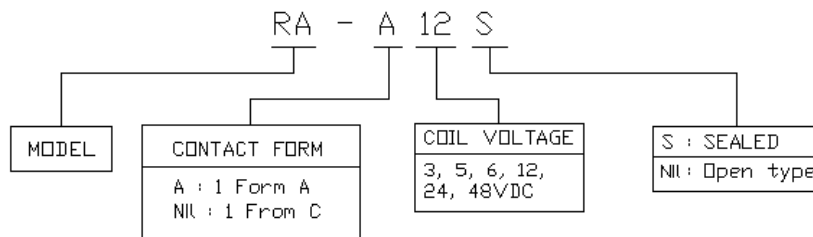
2. General Data

Insulation Resistance	100M Min at 500VDC	
Dielectric Strength Between	Open Contacts	1,500VAC
	Contacts and coil	1,500VAC / 2,500VAC
Operate Time	15ms	
Release Time	10ms	
Temperature Range	-40°Cto+85°C	
Shock Resistance	Operating Extremes	10G
	Damage Limits	20G
Vibration Resistance	10-55Hz, 1.5mm	
Humidity	40-85%	
Weight	Approx 27g	
Safety Standard	UL E197546	

3. Coil Data

Nominal Coil Voltage(VDC)	Coil Resistance at20C +/-10%)	Max Operate Voltage VDC	Min Release Voltage VDC	Max Applicable Voltage VDC
	0.93W			
3	9.7	2.25	0.3	3.9
5	26.9	3.75	0.5	6.5
6	38.8	4.5	0.6	7.8
9	87.1	6.75	0.9	11.7
12	154.9	9	1.2	15.6
24	619.4	18	2.4	31.2
48	2477.5	36	4.8	62.4

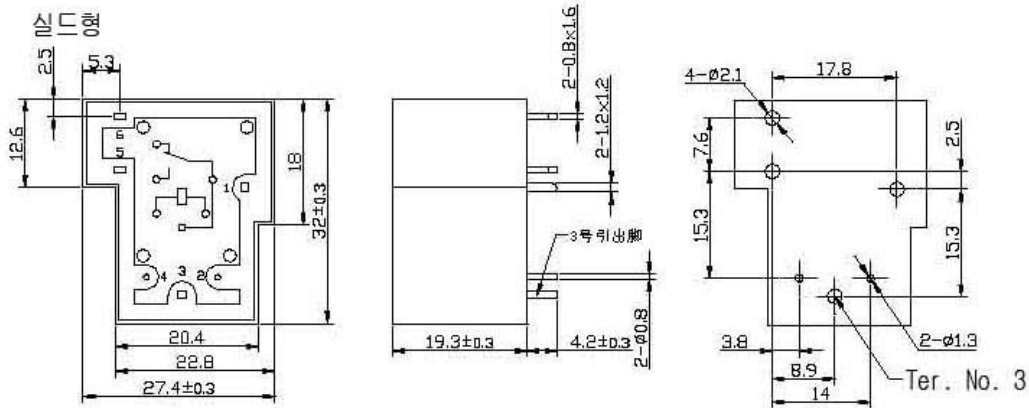
4. Ordering Code



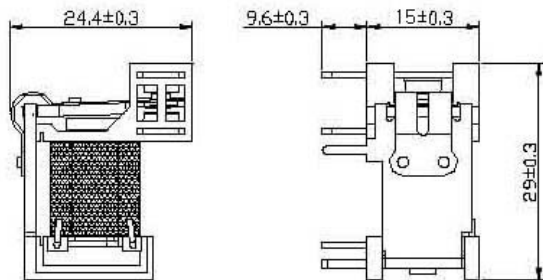
※ High Capacity type has "T" Marking on under right side.

※ High Dielectric type(2,500VAC) between coil and contacts has not pin. no. "3" common terminal and has coil insulation paper and "D" Marking on under right side.

5. Overall And Mounting Dimensions Sealed Type

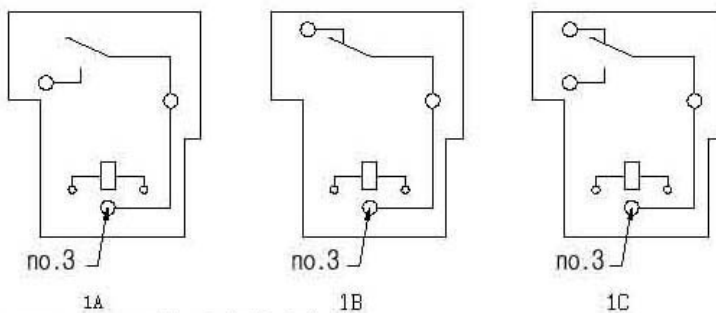


오픈형



(Bottom View)

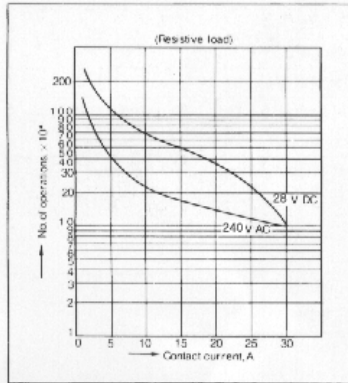
회로도



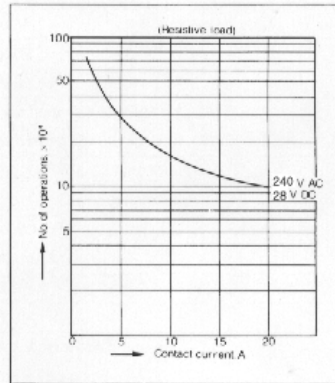
* RA-****-D Type은 Com. 단자 3번이 없습니다.

6. USEFUL CURVE

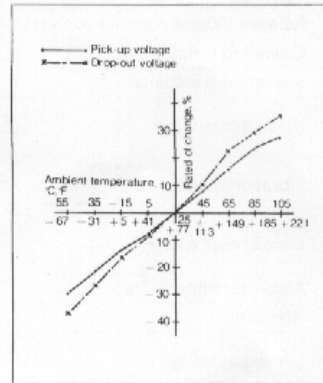
1.-(1) Life curve(Open type)(at 20°C)



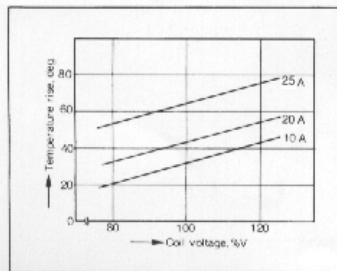
1.-(2) Life curve(dust cover and sealed types)(at 20°C)



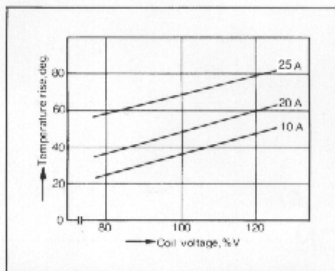
2. Change of rate of pick-up and drop-out voltage(at 20°C)



3. Coil temperature rise(Sealed type)*
Ambient temperature : 85°C



Ambient temperature : 50°C



Ambient temperature : 20°C

