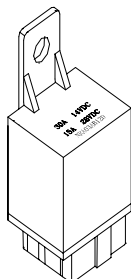
	<h2>Automotive Relay</h2>	<i>Part No.</i> <h1>NRA03</h1>
Industrial & Electrical Components		



Fasten connection pins  
 Stable function in high or low temp.  
 Metal or plastic case at option  
 30A starting load capacity

### CONTACT

Arrangement	1A
Contact Material	Silver Alloy
Contact Resistance	
(By voltage drop 6V 1A)	Max. 50mΩ
Rating	
Resistive load	30A 14VDC
(Cos.Φ=1)	15A 28VDC
Motor Inrush	
Max. Allowable Voltage	24VDC
Max. Allowable Current	30A
Max. Allowable Power	720W
Service life	
Electrical	1 X 10 <sup>5</sup>
Machanical	1 X 10 <sup>6</sup>

### CHARACTERISTICS

Operate Time	10ms
Release Time	10ms
Initial breakdown voltage	
Between coil & contact	500VAC for 1 Min.
Between open contacts	500VAC for 1 Min.
Insulation Resistance	Min.100MΩ (500 VDC)
Ambient temperature	-40 ~+85
Humidity	40~85%
Shock	Functional 10G
Resistance	Destruction 100G
Vibration	Functional 10 to 55 Hz D.A. of 2mm
Resistance	Destruction 10 to 55 Hz D.A. of 2mm
Unit weight	28g Max.

### ORDERING INFORMATION

e.g

**NRA - 03 - A - 12D - B**

Series: NCR Automotive Relay Series

Part No.

Contact Form: A = N/O

Coil Voltage:

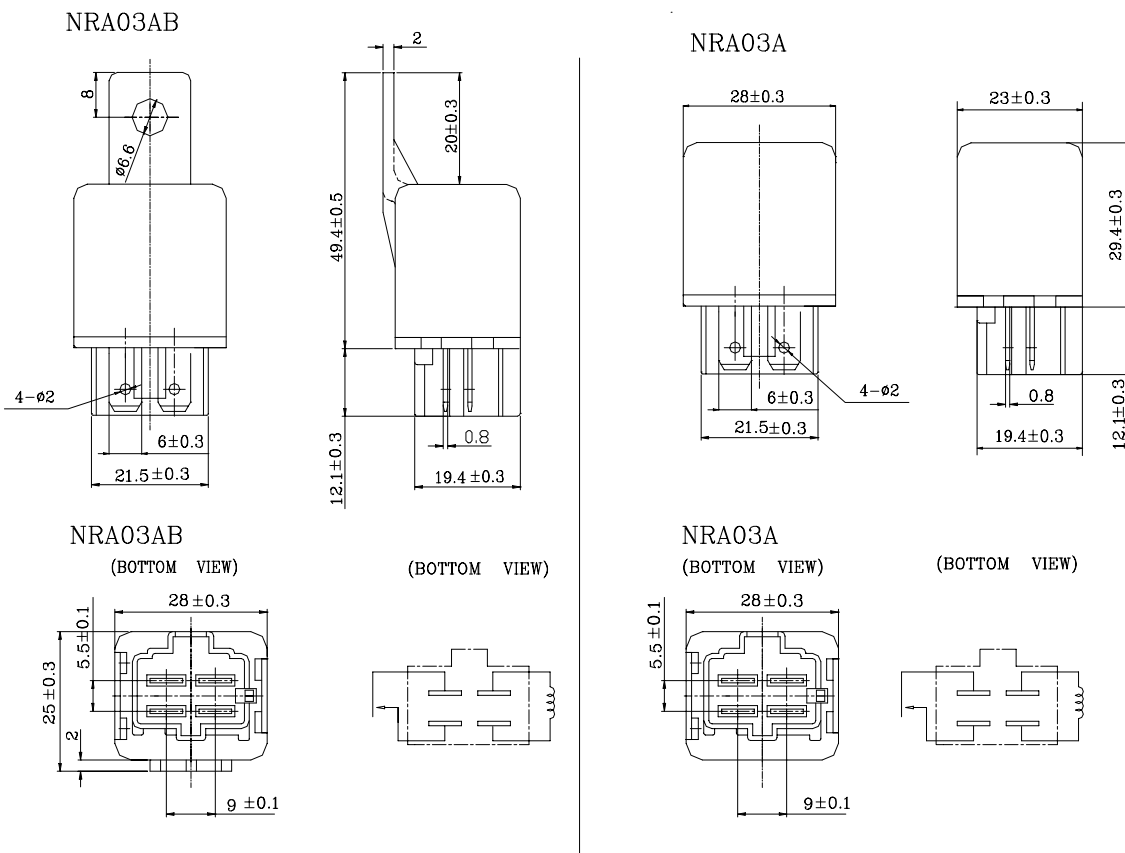
Nil= No flanger 6, 9, 12, 24 dc

B= With flanger bracket

**COIL DATA (at 20 )**

Nominal Voltage (VDC)	Pick-up Voltage VDC(Max)	Drop-out Voltage VDC(Min)	Coil Resistance ( $\Omega$ ) $\pm 10\%$ 1.44W	Rated Current mA	Max.Allowable Voltage
6	3.60	0.60	25	240	150% apply to nominal Voltage
9	5.40	0.90	56	160	
12	7.20	1.20	100	120	
24	14.40	2.40	400	60	

**DIMENSIONS (Unit: mm)**



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