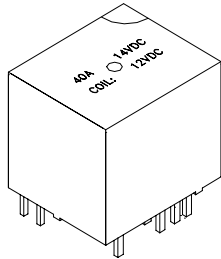




Industrial & Electrical Components

# Automotive Relay

Part No. **NRA06**



P.C.B mounting pins  
Stable function in high or low temp.  
With or without cover  
40A starting load capacity

## CONTACT

Arrangement	1A / 1B / 1C
Contact Material	Silver Alloy
Contact Resistance (By voltage drop 6V 1A)	Max.100mΩ
Rating	1A: 40A 14VDC 1B: 30A 14VDC 1C: NO:40A 14VDC NC:30A 14VDC
Resistive load (Cos.Φ=1)	
Max. Allowable Voltage	75VDC 380VAC
Max. Allowable Current	40A
Max. Allowable Power	560W
Service life	
Electrical	1 X 10 <sup>5</sup>
Mechanical	1 X 10 <sup>7</sup>

## CHARACTERISTICS

Operate Time	5ms
Release Time	3ms
Initial breakdown voltage	
Between coil & contact	50Hz 750VAC for 1 Min.
Between open contacts	50Hz 500VAC for 1 Min.
Insulation Resistance	Min.100MΩ (500 VDC)
Ambient temperature	-40 ~+85
Humidity	85% (at 40 )
Shock	Functional 200 m/s <sup>2</sup> 11ms
Resistance	Destruction ----
Vibration	Functional 10 to 40 Hz D.A. of 1.27mm
Resistance	Destruction ----
Unit weight	21g Max.

## ORDERING INFORMATION

e.g

**NRA06 - A - 12D - E - S - L**

NCR Automotive Relay Part No.

Contact Form: C=1C/O; A = N/O; B= N/C

Coil Voltage: 3, 5, 6, 9, 12, 24 dc

E= European type pin size U= USA type pin size

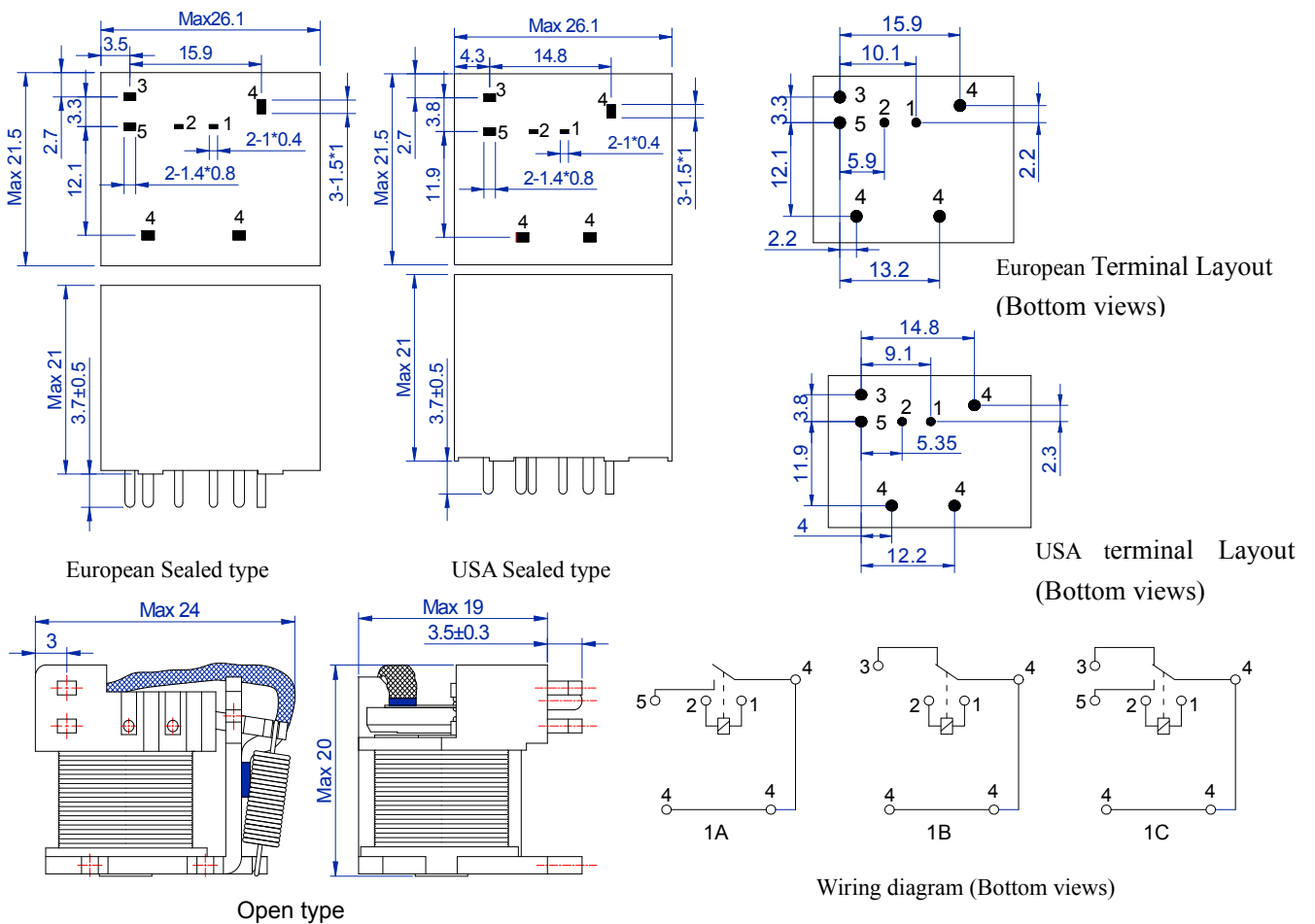
S= SEALED K=OPEN (without cover)

Nil = 1.6W L=1.8W

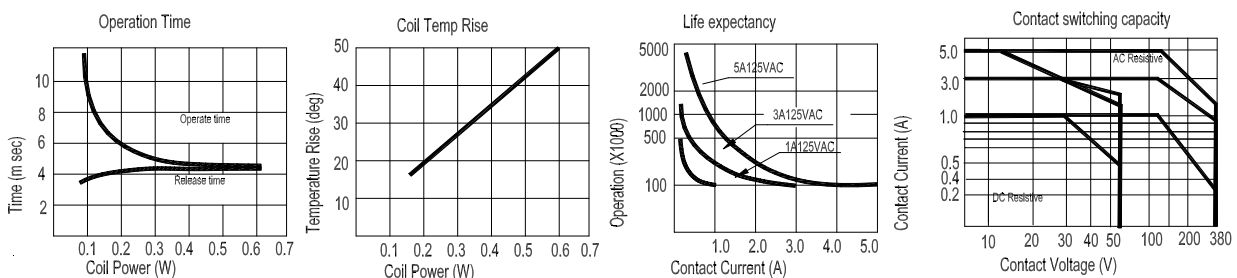
**COIL DATA (at 20 )**

Nominal Voltage (VDC)	Pick-up Voltage VDC(Max)	Drop-out Voltage VDC(Min)	Coil Resistance ( $\Omega$ ) $\pm$ 10%		Max.Allowable Voltage
			1.6W	1.8W	
6	4.20	0.6	22.50	20.00	130% apply to nominal Voltage
9	6.30	0.9	50.60	45.00	
12	8.40	1.2	90.00	80.00	
18	12.60	1.8	202.50	180.00	
24	16.80	2.4	360.00	320.00	

**DIMENSIONS (Unit: mm)**



**Reference Data 性能曲线图**



**Disclaimer:**

The specifications in this datasheet are for reference only and subject to change without notice.No chance for us to evaluate all the specifications and technical parameters for each possible application.The users will take the responsibility to choose the correct products for their own applications. While if any technical support is needed, please contact NCR team for assistance.