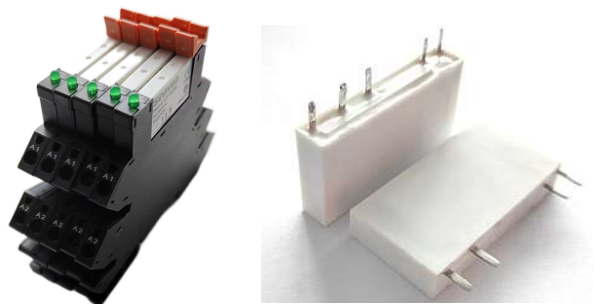




- 6A switching capability
- Matching inrush current 80A
- Comply with Rohs
- IEC60335-1 is available
- Socket available
- Clearance distance: > 8mm,
and creepage distance: > 8 mm

CONTACT

Arrangement	1A / 1C
Contact Material	Silver Alloy
Contact Resistance	
(At 6VDC 1A)	Max.100mΩ
Rating	
Resistive load	NO:6A 277VAC COSΦ=1.0 NO:6A 24VDC,L/R=0 NC:6A 277VAC COSΦ=1.0 NO:6A 24VDC,L/R=0
Max. Switching Voltage	277VAC/30VDC
Max. Switching Current	6A
Max. Switching Power	1662VA/180W
Min. Switching load	10mA 24V
Service life	
Mechanical	1×10^8
Electrical	AT ON/OFF=1s/9s,normal temp. NO:6A 250VAC,R-load,3x10 ⁴ min NO:6A 24VDC,R-load,3x10 ⁴ min NC:6A 250VAC,R-load 1x10 ⁴ min NC:6A 24VDC,R-load 1x10 ⁴ min

CHARACTERISTICS

Operate Time	Max.8ms
Release Time	Max.4ms
Dielectric Strength	
Between contact and coil	5000VAC for 1min
Between open contacts	1000VAC for 1min
Insulation Resistance	1000MΩ(at 500VDC)
Ambient temperature	-40~ 85 °C
Humidity	5%~85% RH
Shock:	Functional: Min.100m/s ² Destructive: Min.1000m/s ²
Vibration	Error Operation 10 ~ 55 Hz D.A. of 1.0mm Endurance 10 ~ 55 Hz D.A. of 1.0mm
Termination	PCB type
Unit weight	Apprpx. 5g
Construction	Flux protected or plastic sealed type

ORDERING INFORMATION

e.g NNC41F - 6 - 1A S P F T G (XXX) / DC12V
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- | | |
|--|--|
| ① Series:NNC41 | ⑥ Insulation class: F= Class F |
| ② Rating load current:6=6A | ⑦ Contact material: T=AgNi, Nil= AgSnO |
| ③ Contact arrangement:1A=1 form A
1C=1 form C | ⑧ Contact plating:G=Gold Plating
Nil=No Plating |
| ④ Protect construction:S=Plastic sealed
Nil=Flux type | ⑨ Special code:XXX=Special requirement code |
| ⑤ Coil power:P=0.4W High Power type
Nil=Standard type | ⑩ Coil voltage:refer coil data sheet |

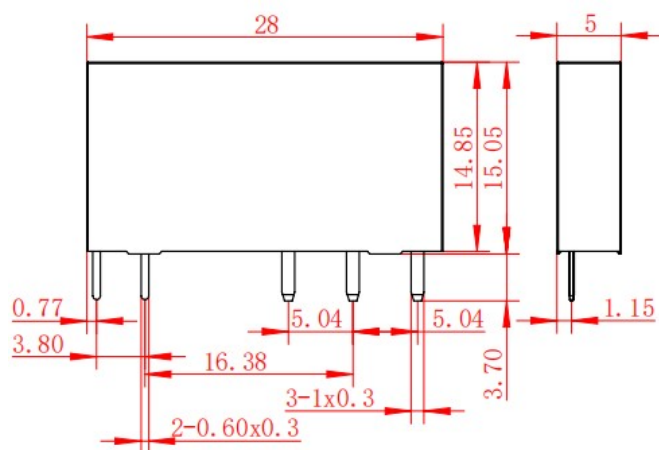
Coil data(DC:0.18W Standard)					
Rated voltage	Coil resistance (Ω) (at 23°C)	Operate voltage (at 23°C)	release voltage (at 23°C)	Allowable voltage range in coil (at 23°C)	Nominal coil power (approx. W)
3	50×(1±10%)	80%MAX.	5%MIN.	95-120%	0.18
5	139×(1±10%)				0.18
6	200×(1±10%)				0.18
9	450×(1±10%)				0.18
12	800×(1±10%)				0.18
15	1250×(1±10%)				0.18
18	1800×(1±10%)				0.18
24	3200×(1±10%)				0.18
36	5180×(1±10%)				0.25
48	9200×(1±10%)				0.25

Coil data(DC:0.4W High power)					
Rated voltage	Coil resistance (Ω) (at 23°C)	Operate voltage (at 23°C)	release voltage (at 23°C)	Allowable voltage range in coil (at 23°C)	Nominal coil power (approx. W)
3	22.5×(1±10%)	75%MAX.	5%MIN.	95-120%	0.4
5	62.5×(1±10%)				0.4
6	90×(1±10%)				0.4
9	202×(1±10%)				0.4
12	360×(1±10%)				0.4
15	562×(1±10%)				0.4
18	810×(1±10%)				0.4
24	1440×(1±10%)				0.4
36	3240×(1±10%)				0.4
48	5760×(1±10%)				0.4
60	9000×(1±10%)				0.4

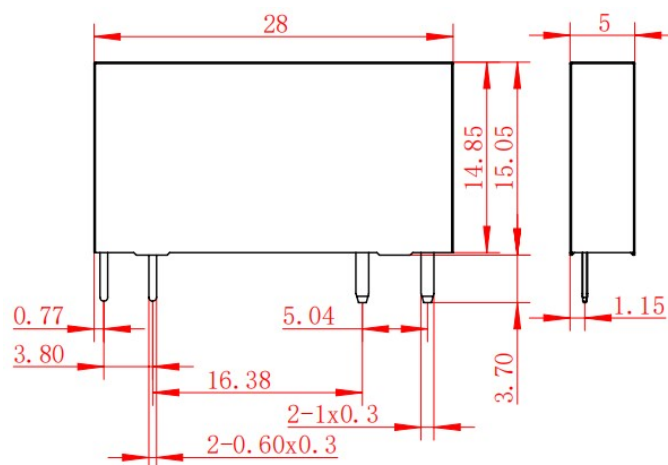
Outline dimensions 外形尺寸

1: 外形尺寸图 OUTLINE

1C TYPE 1 组转换型



1A TYPE 1 组常开型



内部接线图 Terminal-arrangement(bottom view)

1C TYPE 1 组转换型

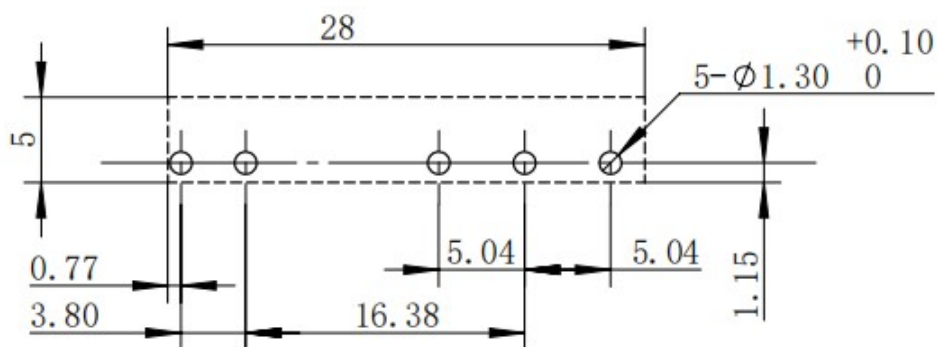


1A TYPE 1 组常开型

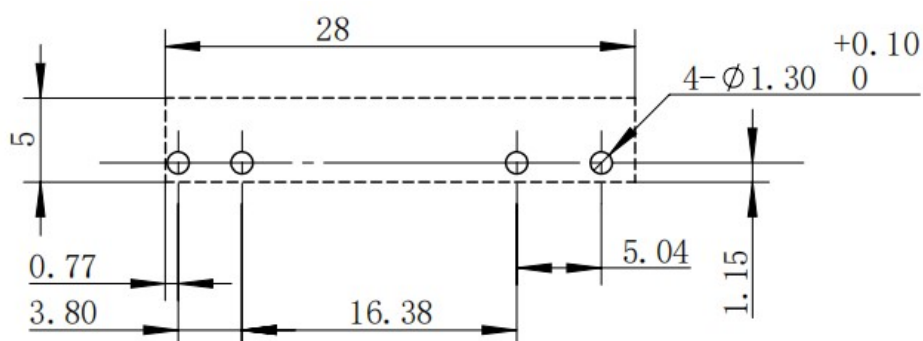


安装孔尺寸图 Mounting dimension(bottom view)

1C TYPE 1 组转换型



1A TYPE 1 组常开型



插座 Socket

NNC41 - 05E **(XXX)** / **DC12V**

①

②

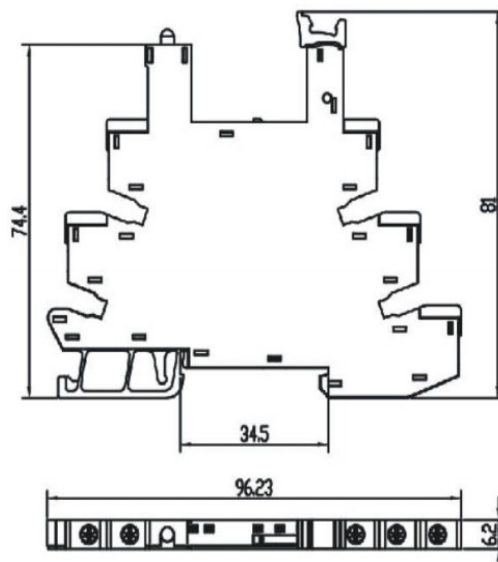
③

① Series=NNC41-05E

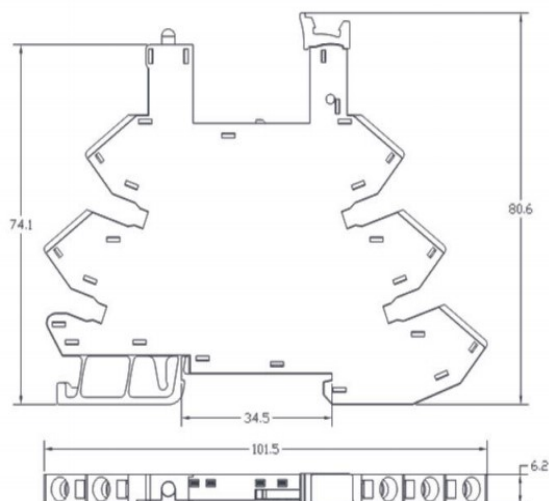
② Special code:XXX=Special requirement code

③ Coil spec:DC5-60V,AC12V,AC24V,
AC48V,AC60V,AC110V,AC230V

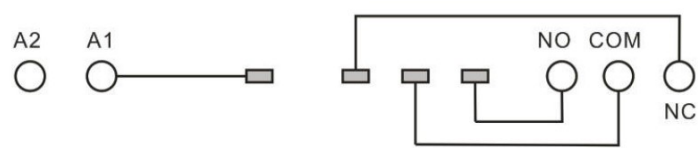
NNC41-05E type outline 外形图 (Screw connect type 螺钉连接型)



NNC41-05E (STL) type outline 外形图(Spring terminal connect type 弹簧端子连接型)



插座内部接线图 Socket Terminal-arrangement



Characteristics 特性参数

Rated load	6A 277VAC	
Socket input voltage VS relay coil spec	Socket input voltage	Relay coil spec
	DC5V	DC5V
	DC6V	DC6V
	DC9V	DC9V
	DC12V, AC12V	DC12V
	DC15V	DC15V
	DC18V	DC18V
	DC24V, AC24V	DC24V
	DC36V	DC36V
	DC48V, AC48V	DC48V
	DC60V, AC60V	DC60V
	AC110V	DC60V
	AC230V	DC60V

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.