



RNC1CO/1CP



Features

- > 5mm thickness, up to 6A breaking capacity.
- > Conformity with RoHS directive.
- > Wide choice of sockets available covering a range of voltages from 3 to 230V.

Ordering Information

RNC □ □ □ □

Contact form _____

1A (A: normal open)
1C (C: change over)

Terminal arrangement _____

O: Vertical pin
P: Horizontal pin

Coil voltage _____

003~060: 3~60VDC

Other options _____

Blank: Conventional
V: Coil consumption 0.21W (only to 3~24VDC)
G: Gold plated contact

Characteristics

	Configuration	1A, 1C
	Load Resistance	6A/250VAC 30VDC
	Switching capacity (resistive)	1500VA 180W
Contact	Initial contact resistance	≤100mΩ (gold plated contact ≤ 30mΩ)
	Material	Ag alloy
	Electrical durability	NO: 6x10 ⁴ ; NC: 30000 times (1800 Ops/h)
	Mechanical durability	≥2 x 10 ⁷ times (18000 Ops/h)
	Pick-up voltage (23°C)	DC: ≤75% (Rated voltage)
Drop-out voltage (23°C)	DC: ≥5% (Rated voltage)	
Maximum voltage (23°C)	110% (Rated voltage)	
Insulation resistance	≥1000mΩ (500VDC)	
Coil operating power	3~24 VDC	approx. 0.17 W
	48~60 VDC	approx. 0.21 W
Operate time (at nominal voltage)	≤8ms	
Release time (at nominal voltage)	≤4ms	
Initial breakdown voltage	Between open contacts	1000VAC/1min
	Between contacts and coil	4000VAC/1min
Ambient temperature	-40~+85°C	
Humidity	5%~85%RH	
Air pressure	86~106KPa	
Shock resistance	10G	
Vibration resistance	10~55Hz double-amplitude:1.0mm	
Mounting	PCB	
Unit weight	6g	

>>> RNC Interface Relay

Coil Specifications (23°C)

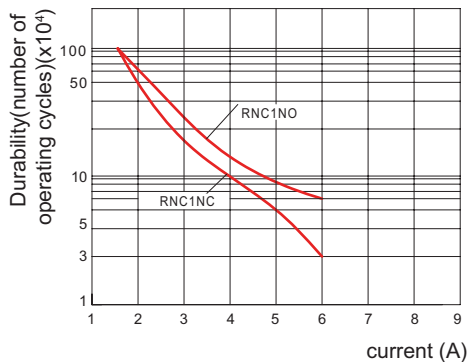
Voltage code	003	005	006	009	012	018	024
Nominal voltage V.DC (0.17W)	3	5	6	9	12	18	24
Coil resistance Ω	43	147	212	480	847	1906	3388
Voltage code	048	060					
Nominal voltage V.DC (0.21W)	48	60					
Coil resistance Ω	10971	17143					

Remarks: Coil resistances under coil voltage 48V are measured with tolerances of 10%; above coil voltages 48V are measured with tolerances of 15%.

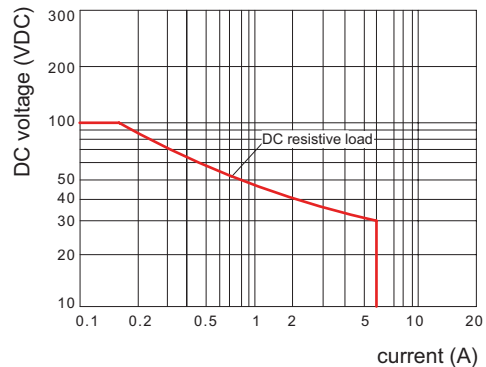
Contact Specification

RNC1A, 1C

Electrical durability contacts
(resistive load)

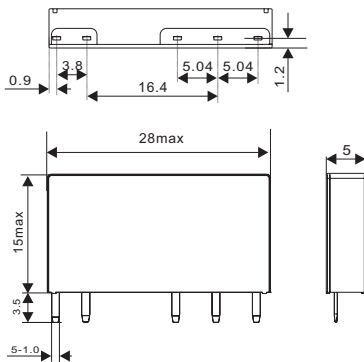


Maximum switching capacity
on resistive load

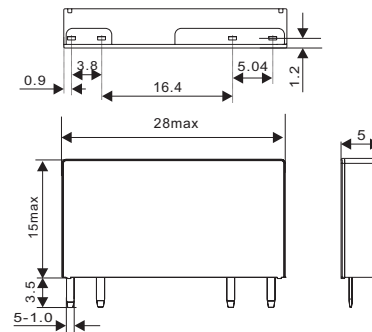


Dimensions (mm)

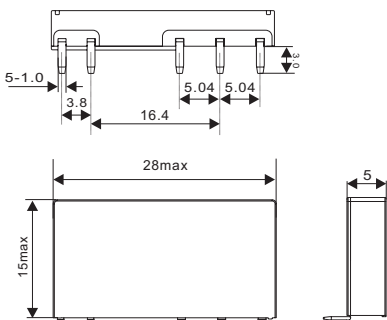
1CO



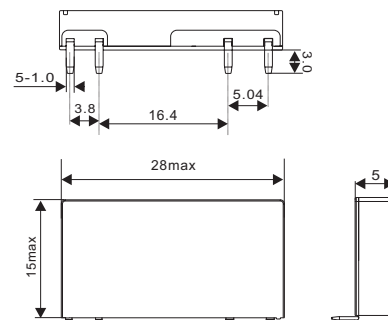
1AO



1CP



1AP



Wiring Diagrams

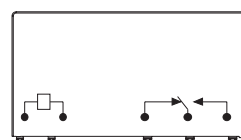
1CO Bottom view



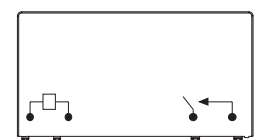
1AO Bottom view



1CP



1AP



RNC Socket

>>> SNC05-E

Presentation



8 AMPS 300 VOLTS



Model No.	Input	For use with relay coil voltage
SNC05-E-A	12/24V	12/24VDC
SNC05-E-B	48/60V	48/60VDC
SNC05-E-C	110V	60VDC
SNC05-E-D	230V	60VDC

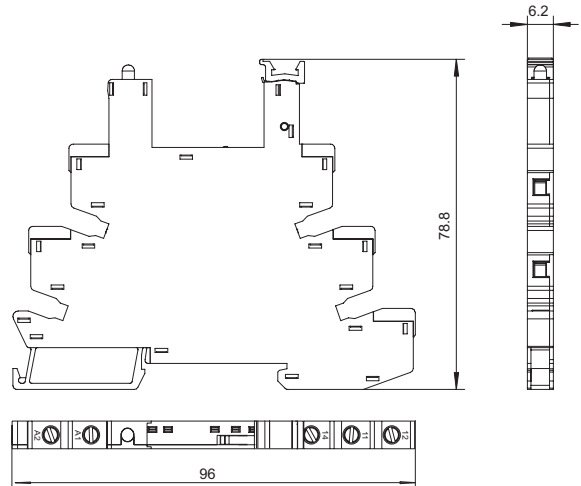
Characteristics

Nominal load	Current	A	8
	Voltage	V	300
Dielectric strength	Between coil and contact	V/S	4000
	Between contacts	V/S	2500
Max. tightening torque	Nm		0.5
Wire size	AWG/mm ²		20-16/0.5-1.5
Ambient temperature	°C		-40~+85
Unit weight	g		24

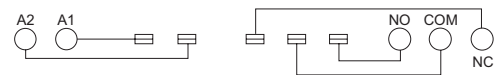
Relay accessories selection table

Socket	Bus jumper	Legend	Partition plate	DIN rail
SNC05-E	SN20B	SN64P	SN20S	PFP

Dimensions (mm)



Connection Diagrams



>>> SNC05-S

Presentation



8 AMPS 300 VOLTS



Model No.	Input	For use with relay coil voltage
SNC05-S-A	12/24V	12/24VDC
SNC05-S-B	48/60V	48/60VDC
SNC05-S-C	110V	60VDC
SNC05-S-D	230V	60VDC

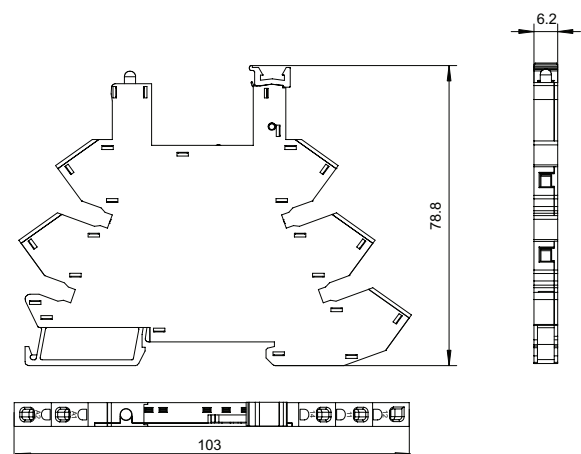
Characteristics

Nominal load	Current	A	8
	Voltage	V	300
Dielectric strength	Between coil and contact	V/S	4000
	Between contacts	V/S	2500
Max. tightening torque	Nm		-
Wire size	AWG/mm ²		20-16/0.5-1.5
Ambient temperature	°C		-40~+85
Unit weight	g		25

Relay accessories selection table

Socket	Bus jumper	Legend	Partition plate	DIN rail
SNC05-S	SN20B	SN64P	SN20S	PFP

Dimensions (mm)



Connection Diagrams

