

RN42 Series Relay Module



- Feature
- NPN/PNP dual pole compatibility
 - The number of relays can be selected according to customer needs
 - Has the indicator of the indicator light
 - TS35 DIN fast assembly

RN42	-	D	08	E
Relay Module Series		Control Power D: DC	Control Voltage 024:24VDC	Control Input N:P/NP

Specification

Input coil parameter						
Set of transformations (DC24V)	RN42-D04E	RN42-D08E	RN42-D12E	RN42-D16E	RN42-D20E	RN42-D32E

Input coil parameter	
Control power supply	DC24V
Control mode	NPN/PNP compatibility
Individual rated power consumption	~0.110W
Operating voltage	≤Rated voltage70%
Release voltage	≥Rated voltage5%
Action time	≤20mS
Release time	≤10mS
Contact parameter	
Contact form	1poles
Contact resistance	≤30MΩ
Contact material	AgNi TYPE Au
Contact load	5A 250VAC/30VDC
Mechanical life	More than 20,000 times (180 times/minute of interruption)
Electrical life	More than 100,000 times (3A 250VAC/30VDC, blocking load, room temperature) More than 50,000 times (5A 250VAC/30VDC, blocking load, room temperature, 20 times/minute of interpolation)

本体性能参数		
Maximum switching frequency	machinery	20 times/minute
Insulation resistance		≥1000MΩ(500VDC)
Withstand voltage	Between polar contacts	1000VAC 50/60Hz 1min
	Between coil and contact	3000VAC 50/60Hz 1min
Vibration		10~55~10Hz Dual amplitude:1.0mm
Impact		1000m/s²
Service temperature range		-40°C+70°C(ice-free)
Service humidity range		5%~85%RH(Condensation free)
Stripping length		8~9mm
Input terminal type		Screw
Output terminal type		Screw
Line diameter		0.2~1.5mm²/28~16AWG
Installation mode		Rail mounting

Note:
1. Please confirm the load type and size before ordering, and select the appropriate product.
2. For contact protection solutions, consult Mibbo technical engineers.

Dimensional drawing, wiring diagram

Unit: mm

Dimension



Relay bit	L width
4 digit	30mm
8 digit	50mm
12 digit	75mm
16 digit	97.5mm
20 digit	125mm
32 digit	195mm

Wiring Diagram

