

RS12 Series PLC magnifying board

RS12	-	08	N	E
PLC magnifying board		Relay bit 2:2PCS 4:4PCS 6:6PCS	Output mode N:NPN P:PNP	Connection mode E:Screw mounting S:Quick-plug terminal



Feature

- NPN/PNP dual pole compatibility
- Each built-in self-recovery insurance tube, short circuit protection, overload protection
- Coupling isolation to prevent misunderstanding caused by the grid interference signal
- Built-in MOSFET field effect tube, the impact current can reach 10A
- With input and output LED status instructions

Model No.	NPN	RS12-02NE	RS12-04NE	RS12-06NE	RS12-08NE	RS12-10NE
		RS12-12NE	RS12-16NE	RS12-18NE	RS12-20NE	RS12-24NE
	PNP	RS12-02PE	RS12-04PE	RS12-06PE	RS12-08PE	RS12-10PE
		RS12-12PE	RS12-16PE	RS12-18PE	RS12-20PE	RS12-24PE

Specification

Input	
Control the power supply	DC24V
Control mode	NPN/PNP compatibility
Single rated power consumption	~0.53W
Action voltage	5~24VDC
Release voltage	<3VDC
Action time	≤0.5mS
Release time	≤5mS
Output	
Output form	Frequent type
Load current (each way)	Blocking load ≤ 2.5A
Load voltage (each way)	5~24VDC
Maximum switching frequency	3000Hz Max.
Mechanical life	1*10 ⁷
Electrical life	1*10 ⁵ (12A 250VAC/30VDC, Resistive load, room temperature, 1s on and 1s off)

Input coil parameter		
Insulation resistance		≥ 100MΩ (500VDC)
Withstand voltage	Between the same pole contacts	1000VAC 50/60Hz 1min
	Between polar contacts	3000VAC 50/60Hz 1min
Vibration		10~55~10Hz Dual amplitude:1.0mm
Impact		1000m/s ²
Service temperature range		-20°C+70°C(ice-free)
Service humidity range		5%~85%RH(Condensation free)
Short circuit protection		3A
Self -restoration protection(each road)		≤3A
Instant impact current		10A
Continuous working current		≤2A
Action indicator		When entering on, enter the indicator light green, output indicator light red
Stripping length		8~9mm
Input terminal type		Screw
Output terminal type		Screw
Line diameter		0.2~1.5mm ² /28~16AWG
Installation mode		Rail mounting

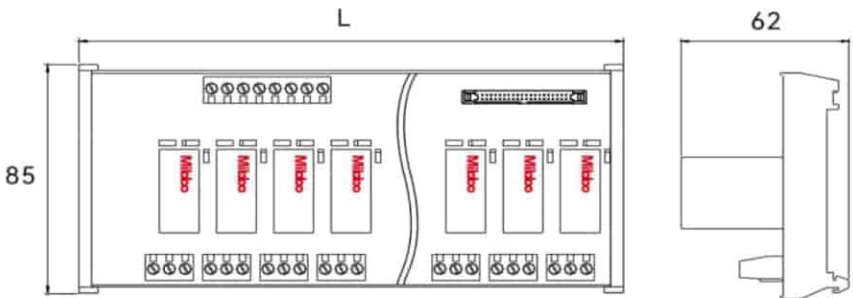
Note:

1. Please confirm the load type and size before ordering, and select the appropriate product.

Dimensional drawing, wiring diagram

Unit: mm

Dimension



Relay bit	L width
2 digit	32mm
4 digit	55mm
6 digit	60mm
8 digit	84mm
10 digit	95mm
12 digit	110mm
16 digit	147mm
18 digit	175mm
20 digit	190mm
24 digit	215mm

Wiring Diagram

