

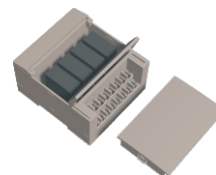
Wide Base Type, 4 Sets ▶

Power Relay Module

Relay Modules

Code	Type	
ZHM91	Wide Base Type,	4 Channels 1 Normally Open and 1 Normally Close
ZHM92	Power Relay Module	4 Channels 2 Normally Open and 2 Normally Close

CE



Features:

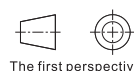
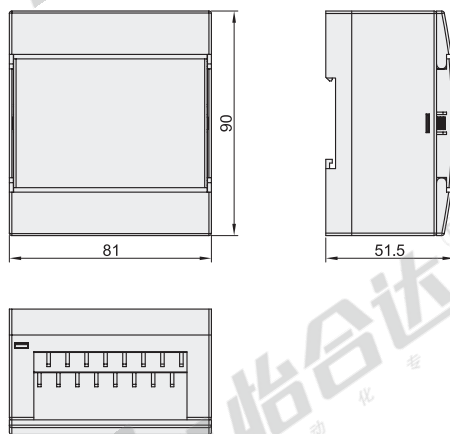
- The input/output side has a surge absorption circuit, which can effectively prolong the life of the relay contact and slow down the instantaneous impact current on the load side;
- Input side has miswiring protection;
- This series of terminal blocks are equipped with a relay base to facilitate maintenance and update and reduce maintenance costs.

Scope of Application:

- Applied to automation equipment, processing welding equipment and other industrial and agricultural equipment.

Precautions:

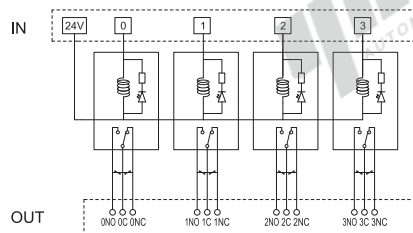
- Please confirm the load type and size before ordering, and choose the appropriate method to control.
- When connecting with PLC, necessarily use the corresponding dedicated cable.



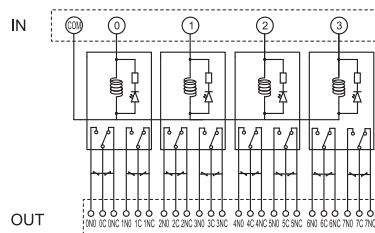
The first perspective

Wiring Diagram

ZHM91



ZHM92



Performance Table

Code		ZHM91	ZHM92
Contact Configuration		1C	2C
Contact Material		Silver Nickel	
Protection Level		IP40(Closed Type)	
Rated Control Capacity (Resistive Load)		12A 250V AC/12A 30V DC	8A 250V AC/8A 30V DC
Contact Resistance (Initial Value)		Below 50MΩ	
Start Time		Below 15ms	
Release Time		Below 10ms	
Withstand Voltage	Coil to Coil	5000V AC. 1 Minute	5000V AC. 1 Minute
	Between Homopolar Contacts	1000V AC. 1 Minute	1000V AC. 1 Minute
	Between Heteropolar Contacts	—	3000V AC. 1 Minute
Vibration Resistance	Durability	Frequency 10-55Hz Single Amplitude 0.75mm	
	Malfunction	Frequency 10-55Hz Single Amplitude 0.75mm	
Impact Resistance	Durability	1000m/s ²	
	Malfunction	NO Contact: 200m/s ²	
		NO Contact: 200m/s ²	
Electrical Service Life (Rated Load)		AC Load: More Than 200,000 Times (Switching Frequency: 1800 Times/Hour) DC Load: More Than 10,000 Times (Switching Frequency: 1800 Times/Hour)	
Mechanical Service Life (No Load)		AC Load: More Than 30,000,000 Times (Switching Frequency: 1800 Times/Hour) DC Load: More Than 50,000,000 Times (Switching Frequency: 1800 Times/Hour)	
Ambient Temperature		-40~+70℃ (No Freezing)	
Ambient Humidity		5-85% RH (No Condensation)	
Saving Ambient Temperature		-55~ +85℃	

Relay Modules

Wide Base Type, 4 Sets Power Relay Module

Product Parameters

European Style Terminals	Main Material	PA 66V-0 Fire Rating	Certification	
	Terminal Material	Phosphor Bronze	Rated Current	10A
	Plating	Tinned	Torque	0.4NM(3.5lb-in)
Terminal Body	Main Material	PA 66V-0 Fire Rating	Certification	CE
	Cover Material	PC V-0 Fire Rating	Fixing Screw Material	SUS304
	Fasteners	PC V-0 Fire Rating	PCB Board Material	FR-4

4 Channels 1Normally Open and 1Normally Close

Part Number	Relay Module	Applicable Wire
Code		
ZHM91	4 Channels 1Normally Open and 1Normally Close	Below 1.5mm ² /AWG16 Stripping Length: 6mm

4 Channels 2Normally Open and 2Normally Close

Part Number	Relay Module	Applicable Wire
Code	Specification	
ZHM92	42	4 Channels 2Normally Open and 2Normally Close Below 1.5mm ² /AWG16 Stripping Length: 6mm



Please order as shown

4 Channels 1Normally Open and 1Normally Close

Part Number
Code
ZHM91

ZHM91

4 Channels 1Normally Open and 1Normally Close

Part Number	
Code	Specification
ZHM92	42

ZHM92—42

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