

Product features

- A set of independent relay modules;
- Built in MR-ORJ type electromagnetic relay, load capacity 8A250VAC(RES.), 8A30VDC(RES.), CCC CQC CE certification;
- Input mode: terminal strip input, common between NPN and PNP, common between AC and DC;
- Different groups of independent LED working status indicator and surge suppression protection circuit;
- The output terminal is provided with overvoltage protection;
- Installation of bottom TS15/28/35 guide rail.

Part Number Description

MR-OMZA	—		—	4P
Model				
Number of relay contacts	1S: SPST			
	2S: DPDT			
Number of relay:				
1 / 2 / 4 / 8 / 10 / 12 / 14 / 16				

Dimensions

Number of relays	Size(mm)
1	18×85×70
2	40×85×70
4	70×85×70
6	100×85×70
8	130×85×70
10	160×85×70
12	190×85×70
14	220×85×70
16	250×85×70

Application

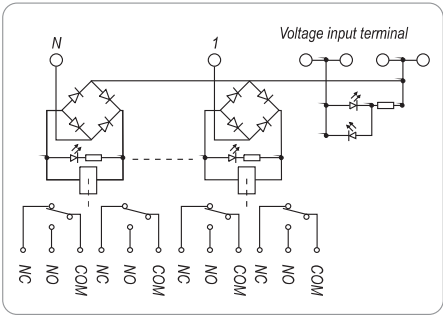
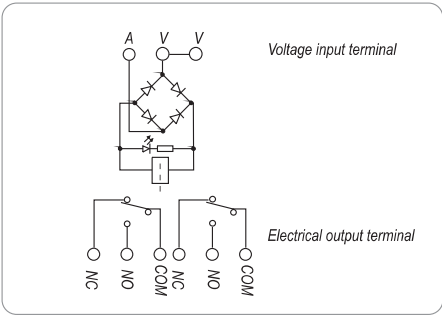
It is used for PLC output load current amplification and isolation protection. It is installed at the digital output terminal of PLC, SCM industrial control board, time relay, button and other controllers. It amplifies the control current at the output terminal. It is used for loading high-power equipment, weak current control strong current and other occasions to protect the core control system from damage.

Technical parameter

Voltage of input terminal	Rated voltage DC/AC±10%
Relay installation	Plug in
Rated load current	12A250VAC/30DC (1 group) 8A250VAC/30DC (2 groups)
Max. instantaneous load current	12A (1 group) 8A(2 groups)
Classic input current under Un	6.5mA
Classic response time under Un	0.5mS
Classic release time under Un	15mS
Input and output connection mode	Screw connection
Suitable for cable	0.2~2.5mm ²
Strip length	6~7mm
Installation guide rail size	15/28/35mm
Net weight test withstand voltage	2.5KV,50Hz,1min
Ambient temperature range	-20°C~50°C
Power consumption	0.53W

Overall design

Professional circuit design, with short circuit, anti-interference, output over-voltage or over-current protection circuit, safe, reliable and advanced production process using wave soldering, clean and generous appearance and ensure product quality.



Wiring diagram

PART NUMBERS ON THIS DRAWING
MR-OMZA

DIN-RAIL RELAY OUTPUT MODULE, 1 TO 16 RELAYS
MR-OMZA SERIES

PART NO MR-OMZA

DWG NO MR-OMZA

UNITS: mm SCALE: NTS - DO NOT SCALE

Micro-Ray

SHEET 1 OF 1

REV A

SIZE A4

DATE 2026-09-22