

FEATURES

- QC&PC terminals
- High dielectric strength 3,000VAC
- Optional flanged case for panel mounting
- Class B / F available
- UL and CUL approval, File No.: E179936

CONTACT DATA

Contact form	1A, 1B &1C
Contact resistance (Initial)	100mΩ (measured at 1A 6VDC)
Contact rating resistive load(COSΦ=1)	1A: 30A/240VAC 25A/240VAC 20A/28VDC 1B: 15A/240VAC 10A/28VDC 1C(NO): 20A/240VAC 10A/28VDC (NC):10A/240VAC 10A/28VDC
Max.switching power	7200VA / 560W
Max. switching curreng	30A
Max. switching voltage	250VAC / 30VDC
Contact material	Silver Alloy

CHARACTERISTICS

Insulation resistance	1000MΩ at 500VDC
Dielectric strength	2500/1500VAC, 1min. between coil to contacts 1500VAC, 1min. between open contacts
Operate time	15 ms
Release time	10 ms
Vibration resistance	10 – 55Hz, 1.5mm
Shock resistance	Operating Extremes : 10G Damage Limits : 100G
Humidity	40-85% RH
Ambient temperature	- 40°C to +70°C (Class F: 85°C)
Life expectancy	
- Electrical	1 x 10 ⁵ operations
- Mechanical	1 x 10 ⁷ operations

COIL SPECIFICATION

Nominal voltage (VDC/VAC)	Pick-up voltage VDC/VAC(Max.)	Drop-out voltage VDC/VAC(Min.)	Nominal current (mA±10%)	Coil resistance (Ω±10%)	Power consumption
5VDC	3.75	0.5	186	27	930mW
6VDC	4.5	0.6	155	39	930mW
9VDC	6.75	0.9	103.3	87	930mW
12VDC	9	1.2	77.5	155	930mW
24VDC	18	2.4	38.8	620	930mW
48VDC	36	4.8	19.4	2478	930mW
110VAC	82.5	11	9	13010	930mW

ORDERING INFORMATION

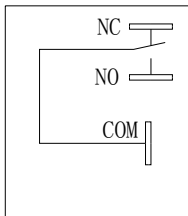
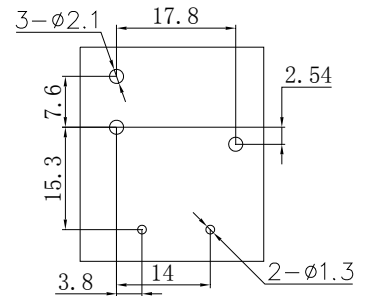
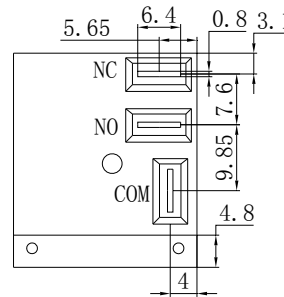
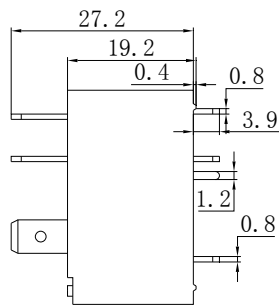
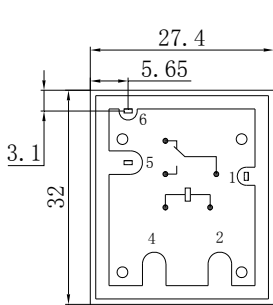
ME-201 - 012 Z F S

Model No.	Coil Voltage	Contact Form	Insulation System	Protection
ME-201	5、6、9、12、24、 48、110VDC	H: 1A D: 1B Z: 1C	Nil: Class B F: Class F	Nil: Unsealed S: Sealed

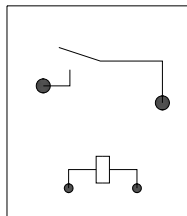
DIMENSIONS(unit:mm)

Tolerance:±0.3

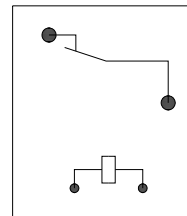
PCB LAYOUT



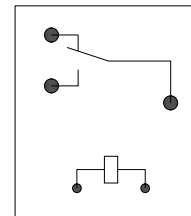
SCHEMATIC



1A



1B



1C

Disclaimer: All the specifications are subject to change without notice.