

FEATURES

- Forced operation contacts (2 A 2 B and 3 A 1 B)
- Independent operation contacts (4 A 4 B)
- Separated chamber structure (2A2B, 3A1B and 4A4B)

CONTACT DATA

Contact form	4A4B, 3A1B, 2A2B,4A
Contact resistance (Initial)	Max. 50mΩ
Contact rating	6A 250VAC 6A 30VDC
Max. switching power	1500VA, 180W
Max. switching voltage	30VDC, 440VAC
Max. switching current	6A
Contact material	Silver alloy

CHARACTERISTICS

Insulation resistance	Min. 1000MΩ
Dielectric strength	2500VAC, between coil to contacts 2500VAC, between open contacts 2500VAC, between contact sets
Operate time	Max. 20 ms
Release time	Max. 8 ms
Shock	Min. 294m/s ²
Humidity	+40°C, (95±3)%
Vibration	10-55Hz, 1.5mm
Ambient temperature	- 40°C to + 70°C
Life expectancy	
- Electrical	1 x 10 ⁵ operations
- Mechanical	1 x 10 ⁷ operations

COIL SPECIFICATIONS

Nominal voltage (VDC)	Pick-up voltage VDC(Max.)	Drop-out voltage VDC (Min.)	Nominal current (mA±10%)	Coil resistance (Ω±10%)	Power consumption (W)
1.5	1.05	0.15	333.3	4.5	0.5
3	2.1	0.3	166.7	18	0.5
5	3.5	0.5	100	50	0.5
12	8.4	1.2	41.7	288	0.5
21	14.7	2.1	23.8	882	0.5
24	16.8	2.4	20.8	1152±15%	0.5
48	33.6	4.8	10.4	4608±15%	0.5
110	77	11	4.5	24200±15%	0.5

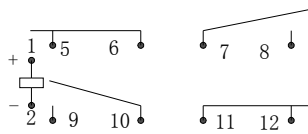
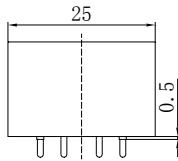
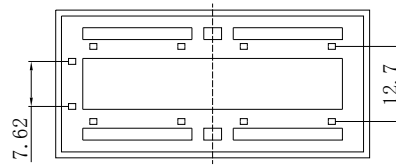
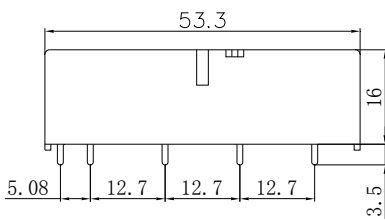
ORDERING INFORMATION

ME-37 - 12 - 2a2b

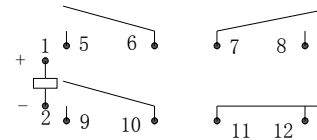
Model No.	Coil voltage	Contact Form
ME-37	1.5VDC – 110VDC	4a4b: 4 A and 4 B 3a1b: 3 A and 1 B 2a2b: 2 A and 2 B 4a : 4 A

DIMENSIONS (unit: mm)

2A2B/3A1B

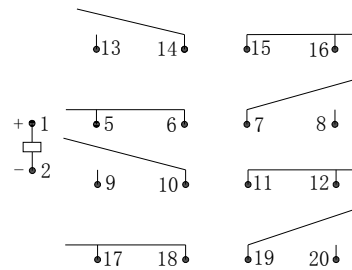
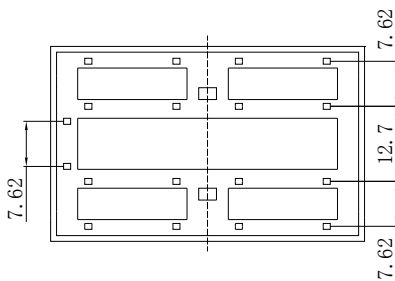
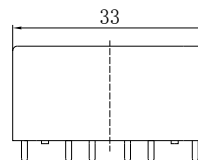
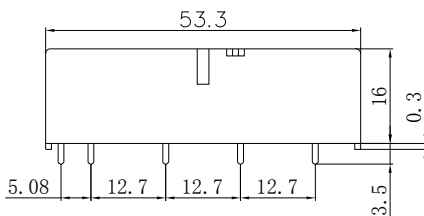


2A2B



3A1B

4A4B



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