ME-100 MASSUSE RELAY

FEATURES

- Magnet latching relay
- Creepage distance: 8.4mm
- Well anti-shock and anti-vibration
- Heavy contact load

CONTACT DATA

Contact form	1A,1B
Contact resistance (Initial)	Max. 1mΩ
Contact rating (resistive)	100Amax/240VAC
Max. switching power	23000VA (cosΦ=1) 2300VA (cosΦ=0.4)
Max. switching voltage	400VAC
Max. switching current	100A
Contact material	$AgSnO_2$
Weight	82g

CHARACTERISTICS

Insulation resistance	1000MΩ min (at 500VDC)
Dielectric strength - between coil to contacts - between open contacts	 50Hz 4000V surge voltage 12kV 50Hz 2000V surge voltage 2kV
Creepage distance	8.4mm
Operate time	≦12 ms
Release time	≦6 ms
Shock resistance	Functional: 100m/s^2 Survival: 1000m/s^2 11ms
Vibration resistance	10-55Hz, Double amplitude 1.5mm
Humidity	85% (at 40℃)
Ambient temperature	- 25℃ to 70℃
Life expectancy - Electrical - Mechanical	 1 x 10^4 operations (rated load) 1 x 10^6 operations (no load)

COIL SPECIFICATIONS – 1 COIL

Nominal voltage (VDC)	Max. switching voltage (VDC)	Operating voltage range (VDC)	Pulse magnitude (ms)	Coil resistance (Ω±10%)	Power consumption (W)
6	4.8	4.9 - 10	≧36	16	2.25
12	9.6	9.8 - 20	≧36	64	2.25
24	19.2	19.7 - 40	≧36	260	2.25

2 COIL

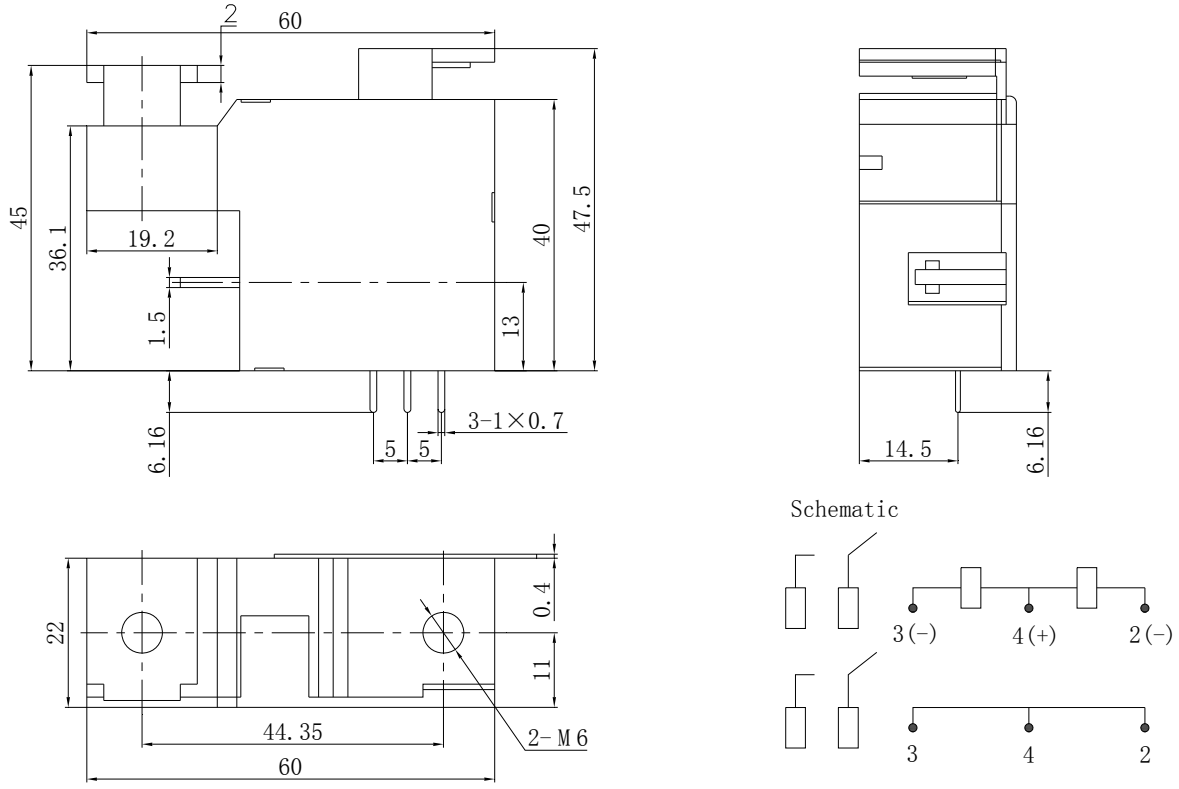
Nominal voltage (VDC)	Max. switching voltage (VDC)	Operating voltage range (VDC)	Pulse magnitude (ms)	Coil resistance (Ω±10%)	Power consumption (W)
6	4.8	4.9 – 10	≧36	2 X 8	4.5
12	9.6	9.8 – 20	≧36	2 X 32	4.5
24	19.2	19.7 - 40	≧36	2 X 130	4.5

ORDERING INFORMATION

ME-100 - 12 - 1 D F

Model No.	Coil Voltage	Coil Type	Contact form	Insulation
ME-100	6VDC – 24VDC	1: 1 coil 2: 2 coil	Nil: 1Form A D: 1Form B	Nil: Class B F: Class F

Dimensions(unit:mm)



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