

FEATURES

- 1A and 1C configurations
- 8A switching capability
- High sensitivity 200mW
- 5KV dielectric between coil to contacts
- Creepage / clearance distance: >6mm
- UL&CUL file No.E179936
- Outline Dimensions: (20.00×10×10.6)mm

CONTACT DATA

Contact form	1A ; 1C
Contact resistance (Initial)	Max. 100mΩ (at 1A / 6VDC)
Contact rating (Resistive load)	1A: 6A/250VAC/30VDC 1C: NO:6A/250VAC/30VDC NC:5A/250VAC/30VDC
Max. switching voltage	277VAC/30VDC
Max. switching current	8A
Max. switching power	180W/1662VA
Contact material	Silver Alloy

CHARACTERISTICS

Insulation resistance	1000MΩ at 500VDC
Dielectric strength between coil to contacts between open contacts	5000VAC, 1 min. 1000VAC, 1 min.
Surge voltage between coil and contacts	10KV (1.2/50μs)
Operate time	8 ms (nominal voltage)
Release time	5 ms (nominal voltage)
Vibration resistance	10-55Hz 1.5mm DA
Shock resistance	Functional:98m/s ² Destructive:980m/s ²
Humidity	5% to 85%RH
Ambient temperature	- 40°C to + 85°C
Temperature rise	Max. 60K(at nominal voltage)
Life expectancy - Electrical - Mechanical	1 x 10 ⁷ ops(Resistive load, Room temp,1.5s on 1.5s off) 1 x 10 ⁷ ops

COIL SPECIFICATIONS – 1. Standard

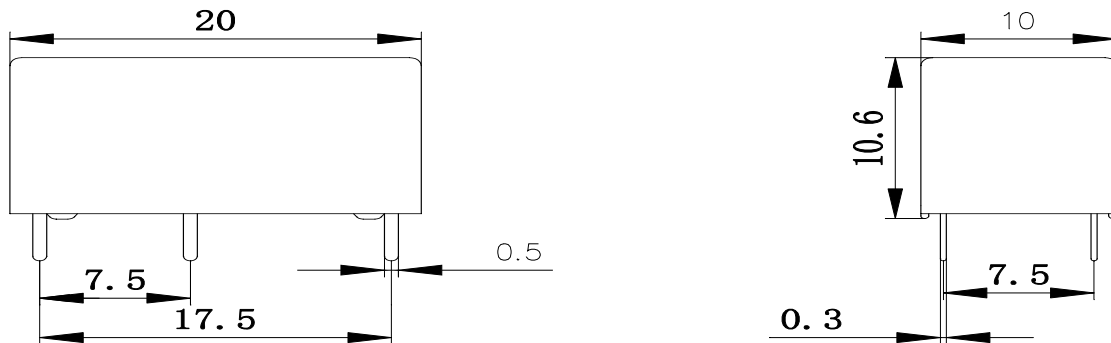
Nominal voltage (VDC)	Pick-up voltage VDC (Max.)	Drop-out voltage VDC (Min.)	Nominal current (mA±10%)	Coil resistance (Ω±10%)	Power consumption(mW)	Max. allowable voltage (VDC)
3	2.25	0.30	66.67	45	200	3.9
5	3.75	0.50	40	125	200	6.5
6	4.50	0.60	33.33	180	200	7.8
9	6.75	0.90	22.22	405	200	11.7
12	9.00	1.20	16.67	720	200	15.6
18	13.5	1.80	11.11	1600	200	23.4
24	18.0	2.40	8.33	2880	200	31.2
36	27.0	3.60	5.56	6480	200	46.8
48	36.0	4.80	4.17	11520	200	62.4

ORDERING INFORMATION

ME-8 - **012** - **H** **T**

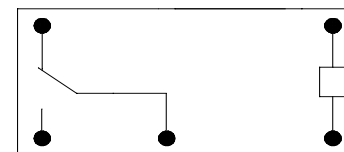
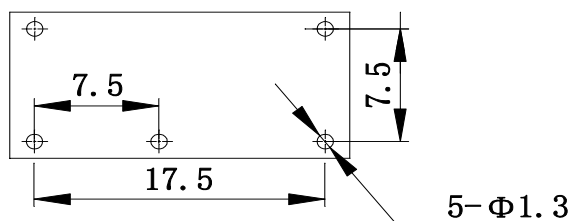
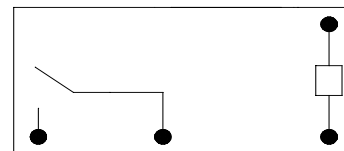
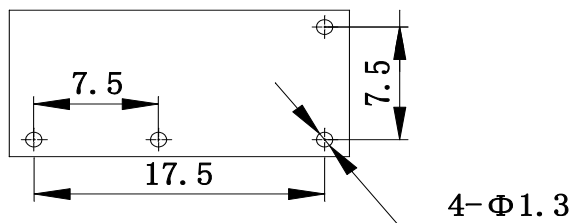
Model No.	Coil Voltage	Contact Form	Contact Material
ME-8	3、 5、 6、 9、 12、 18、 24,36 and 48VDC	H: 1A Z: 1C	T: AgSnO ₂ 3:AgNi

DIMENSIONS(unit:mm)



PCB LAYOUT (Bottom View)

SCHEMATIC (Bottom View)



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