

FEATURE

- Small size: 17.5mm x 6.5mm x 12.5mm(L x W x H)
- 5 Amp switching capacity
- 1A contact arrangement
- UL and CUL approval, File No.: E179936

CONTACT DATA

Contact form	1A
Contact resistance (Initial)	100mΩ (at 1A 6VDC)
Contact rating (Resistive load)	5A 250VAC/30VDC 3A 250VAC/30VDC
Max. switching current	5A
Max. switching voltage	250VAC/30VDC
Max. switching power	150W/1250VA
Contact material	Silver Alloy
Weight	3g

SPECIFICATION

Insulation resistance	100MΩ (Initial)
Dielectric strength	3000Vrms, between coil and contacts 750Vrms, between open contacts
Operate time	6 ms (at nomi. Volt.)
Release time	3 ms (at nomi. Volt.)
Vibration resistance	10-55Hz, 1.5mm
Humidity	35% to 95%
Ambient temperature	- 40°C to + 70°C
Life expectancy	Electrical: 1 x 10 ⁵ operations (3A) 5 x 10 ⁴ operations (5A) Mechanical: 2 x 10 ⁷ operations

COIL SPECIFICATIONS

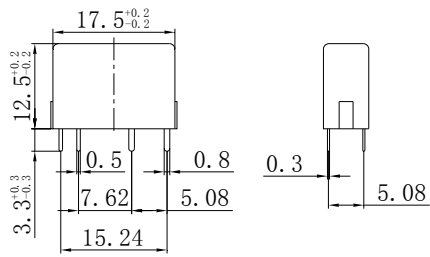
Nominal voltage (VDC)	Pick-up voltage (VDC)	Drop-out voltage (VDC)	Nominal current (mA ± 10%)	Coil resistance (Ω ± 10%)	Power consumption(mW)
5	3.75	0.5	40	125	200
6	4.5	0.6	33.3	180	200
9	6.75	0.9	22.2	405	200
12	9	1.2	16.6	720	200
18	13.5	1.8	11.1	1620	200
24	18	2.4	8.3	2880	200

ORDERING INFORMATION

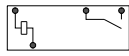
ME-30 – 012 – 1H S G

Model No.	Coil Voltage	Contact Form	Structure	Contact Material
ME-30	5VDC – 24VDC	1H: 1A	S: Sealed	Nil: Silver Alloy G: Silver Alloy with Gold Plating

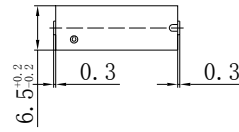
DIMENSIONS (unit: mm)



SCHEMATIC



BOTTOM VIEW



PCB LAYOUT

