

FEATURES

- Breakdown voltage (between contact an coil) 5000V
- Have passed TV-8 certification
- 16A switching capability
- Max. switching capability 20A
- Inrush current capacitor 192A/1.2ms
- For LED load
- UL and CUL approval, File No.: E179936
- Dimension: 24 x 10 x 15.7(L x W x H)

CONTACT DATA

Contact form	1A
contact resistance	30mΩ (at 1A 6VDC)
Max. switching capacity	5000VA
Max. switching voltage	277VAC
Max. switching current	20A
Contact material	AgSnO ₂

CHARACTERISTICS

insulation resistance	1000MΩ at 500VDC
Dielectric strength	5000VAC, 1 min, coil to contacts 1000VAC, 1 min. between open contacts
Operate time	≤15 ms
Release time	≤15ms
Vibration resistance	10 – 55Hz, 1.5mmDA
Shock resistance	Functional:98 m/s ² Destructive: 980 m/s ²
Ambient temperature	- 40°C to + 85°C
Humidity	5% to 85% RH
Life expectancy	
- Mechanical	1 x 10 ⁶ operations

Electrical Endurance

Version	Contact Rating	Ambient Temperature	Electrical Endurance
1A	16A 277VAC(Resistive)	85°C	1 x 10 ⁵ ops
	20A 250VAC(Resistive)	85°C	5 x 10 ⁴ ops
	600W 120VAC(Incandescent lamp)	50°C	2.5 x 10 ⁴ ops
	8A 277VAC (Standard ballast)	50°C	6 x 10 ³ ops
	5A 120VAC(Electronic ballast)	40°C	6 x 10 ³ ops
	8A 240VAC (TV-8)	40°C	2.5 x 10 ⁴ ops

COIL SPECIFICATIONS - 1. Latching (1 coils) - Standard type

Nominal voltage (VDC)	Pick-up voltage VDC(Max.)	Drop-out voltage VDC(Min.)	Nominal current (mA±10%)	Coil resistance (Ω±10%)	Power consumption(mW)
3	2.4	0.3	133.3	22.5	400
5	4.0	0.5	80	62.5	400
6	4.8	0.6	66.7	90	400
9	7.2	0.9	44.4	202.5	400
12	9.6	1.2	33.3	360	400
24	19.2	2.4	16.7	1440	400

2. Latching (2 coils) - Standard type

Nominal voltage (VDC)	Pick-up voltage VDC(Max.)	Drop-out voltage VDC(Min.)	Nominal current (mA±10%)	Coil resistance (Ω±10%)	Power consumption(mW)
3	2.4	0.3	200	15+15	600
5	4.0	0.5	120	42+42	600
6	4.8	0.6	100	60+60	600
9	7.2	0.9	66.7	135+135	600
12	9.6	1.2	50	240+240	600
24	19.2	2.4	25	960+960	600

3. Latching (1 coils) - Sensitive type

Nominal voltage (VDC)	Pick-up voltage VDC(Max.)	Drop-out voltage VDC(Min.)	Nominal current (mA±10%)	Coil resistance (Ω±10%)	Power consumption(mW)
3	2.4	0.3	66.7	45	200
5	4.0	0.5	40	125	200
6	4.8	0.6	33.3	180	200
9	7.2	0.9	22.2	405	200
12	9.6	1.2	16.7	720	200
24	19.2	2.4	8.3	2880	200

4. Latching (2 coils) - Sensitive type

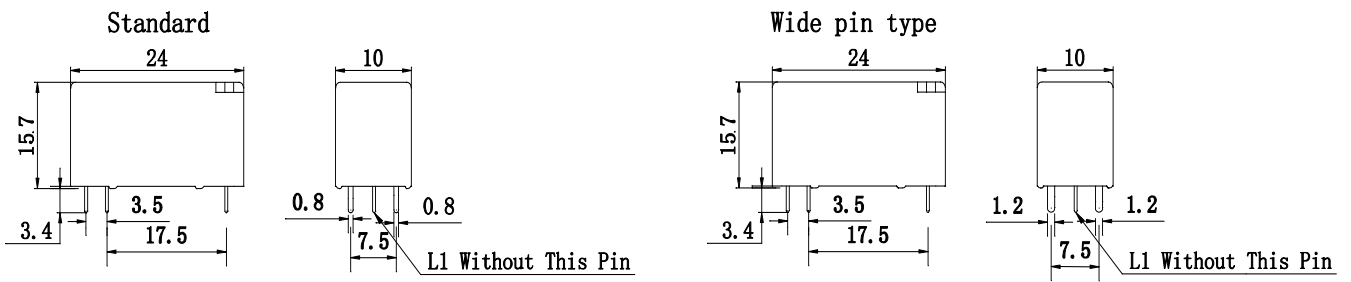
Nominal voltage (VDC)	Pick-up voltage VDC(Max.)	Drop-out voltage VDC(Min.)	Nominal current (mA±10%)	Coil resistance (Ω±10%)	Power consumption(mW)
3	2.4	0.3	133.3	22.5+22.5	400
5	4.0	0.5	80	62.5+62.5	400
6	4.8	0.6	66.7	90+90	400
9	7.2	0.9	44.4	202.5+202.5	400
12	9.6	1.2	33.3	360+360	400
24	19.2	2.4	16.7	1440+1440	400

ORDERING INFORMATION

ME-34 - L2 - 03 - H W L T

Model No.	Sort	Coil Voltage	Contact Form	Termination	Sensitivity	Contact material
ME-34	L1: 1 Coil Latching L2: 2 Coil Latching	3 – 24VDC	H:1A	Nil: Standard W: Wide pin	Nil: Standard L: Sensitive	T: AgSnO ₂

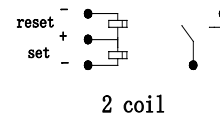
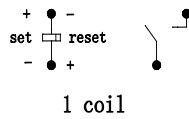
Dimensions(unit:mm)



PCB LAYOUT



Wiring Diagram(Bottom view)



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