

## FEATURES

- 3A/100A 250VAC capacitive load
- High inrush current:TV-8 125VAC (118A inrush current)
- Low height, only 9.3mm (excluding buttons)
- High sensitivity: 250mw, Ideal for device power reduction
- Typical applications: Flat-panel TVs, Audio visual equipment and other slim profile devices
- UL & CUL approval, File No. E179936

## CONTACT DATA

Contact form	1A
Contact resistance (Initial)	100mΩ (at 1A 6VDC)
Contact rating  (Capacitive)	10A 125VAC 8A/5A 277VAC TV-8 125VAC 3A/100A 250VAC
Max. switching voltage	277VAC
Max. switching current	10A
Max. switching power	2216VA
Contact material	Silver alloy

## CHARACTERISTICS

Insulation resistance	1000MΩ
Dielectric strength	4000VAC 1min Between coil and contacts 1000VAC 1min Between open contacts
Operate time	15ms max.
Release time	5ms ma.
Vibration resistance	10 Hz ~55Hz, 1.5mm DA
Shock resistance	Function 196m/s <sup>2</sup> . Destructive 980m/s <sup>2</sup>
Humidity	5% to 85% RH
Ambient temperature	-40°C to +70°C
Life expectancy	
- Electrical	1×10 <sup>6</sup> operations min.
- Mechanical	5×10 <sup>4</sup> operations min.

## Coil Specification- 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	2.25	0.3	83.3	36	250
5	3.75	0.5	50	100	250
6	4.5	0.6	41.7	145	250
9	6.75	0.9	50	325	250
12	9	1.2	20.8	686	250
18	13.5	1.8	13.9	1300	250
24	18	2.4	10.4	2300	250

## Silent type

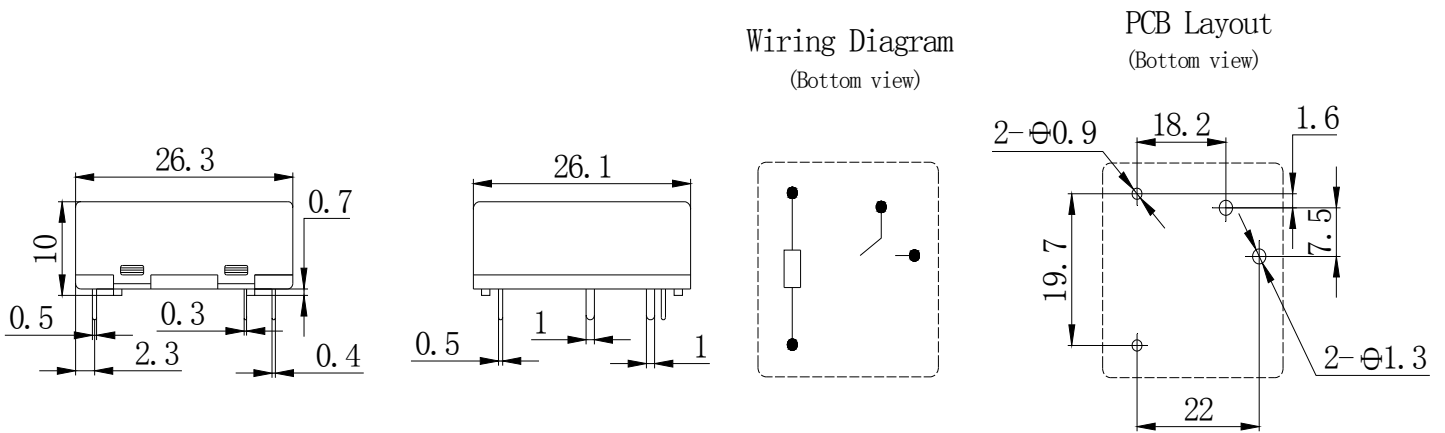
Nominal voltage (VDC)	Pick-up voltage VDC(Max.)	Drop-out voltage VDC (Min.)	Nominal current (mA±10%)	Coil resistance (Ω±10%)	Power consumption(mW)
3	2.4	0.3	83.3	36	250
5	4.0	0.5	50	100	250
6	4.8	0.6	41.7	145	250
9	7.2	0.9	50	325	250
12	9.6	1.2	20.8	686	250
18	14.4	1.8	13.9	1300	250
24	19.2	2.4	10.4	2300	250

## ORDERING INFORMATION

ME-70 - 12 - H

Model No.	Coil voltage	Contact Form
ME-70 standard type	3,5,6,9,12,18,24VDC	H: 1Form A
ME-70-E (silent type)		

Dimensions (unit: mm) Tolerance:±0.4



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