

FEATURES

- Special contact struction
- Incandescent lamp load: 3000W 230VAC
- 5KV dielectric strength (between coil and contacts)
- Creepage distance: 10mm
- Meeting reinforce insulation
- Low height: 15.7mm
- UL & CUL Approval File No.: E179937

CONTACT DATA

Contact form	1A,
Contact resistance (Initial)	100mΩ (measure at 1A 6VDC)
Resistive load	16A 250VAC/277VAC TV-8 120VAC
Incandescent Lamp	3000W 230VAC
Standard ballast	2.2A 277VAC
Tungsten	1200W, 120VAC
Tungsten	1200W 277VAC
Max. switching voltage	440VAC
Max. switching current	16A
Inrush current	180A
Max. switching power	4000VA
Contact material	W+AgSnO ₂

CHARACTERISTICS

Insulation resistance	1000MΩ at 500VDC
Dielectric strength	5000VAC, 1 min. between coil to contacts 1250VAC, 1 min. between open contacts
Operate time	15ms (nominal voltage)
Release time	8ms (nominal voltage)
Surge voltage	10KV (1.2×50μs) between coil &contacts
Temperature rise (at nomi. volt)	55K max.
Vibration resistance	10-150Hz, 10g
Shock resistance	Functional 98m/s ² Destructive 980m/ s ²
Humidity	Max. 35% to 85% RH
Ambient temperature	- 40°C to +70°C
Life expectancy	
- Electrical	1 ×10 ⁴ operations (360 ops./hour)
- Mechanical	5 ×10 ⁶ operations (no load)

COIL SPECIFICATIONS: DC TYPE

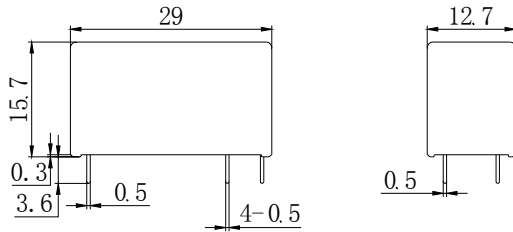
Nominal voltage (VDC)	Pick-up voltage (VDC)	Drop-out voltage (VDC)	Nominal current (mA±10%)	Coil resistance (Ω±10%)	Power consumption(mW)
5	3.5	0.5	80	62	400
6	4.2	0.6	66.7	90	400
9	6.3	0.9	44.4	202	400
12	8.4	1.2	33.3	360	400
18	12.6	1.8	22.2	800	400
24	16.8	2.4	16.7	1440	400
48	33.6	4.8	8.3	5760 ± 15%	400
60	42	6	6.7	7500 ± 15%	400
110	77	11	4.3	25200 ± 15%	400

ORDERING INFORMATION

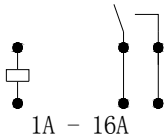
<u>ME-11S</u>	-	<u>012</u>	-	<u>1H</u>	<u>S</u>	<u>F</u>
Model No.	Coil Voltage		Contact Form	Protection		Insulation
ME-11S	5、6、9、12、18、24、 48、60 and 110VDC		1H: 1A	Nil: Unsealed S: Sealed		Nil: Class B F: Class F

DIMENSIONS (unit: mm)

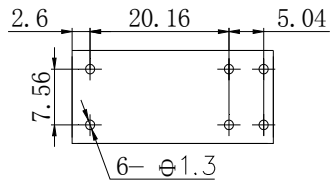
Outline Dimensions



Wiring Diagram



PCB LAYOUT



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