

FEATURES

- High sensitivity type and standard type available
- Low profile 20.8 x 9.9 x 12(L x W x H)
- DIL pitch terminals
- UL and CUL approval, File No.: E179936
- TUV Approval File No.: R50071789

CONTACT DATA

Contact form	2C
Contact resistance	100mΩ
Rated load	0.5A / 120VAC 1A / 30VDC
Max. switching capacity	30W or 60VA
Max. switching voltage	120VAC / 60VDC
Max. carrying current	2A
Contact material	Silver alloy

CHARACTERISTICS

Insulation resistance	100MΩ at 500VDC
Dielectric strength	1000VAC, coil to contacts 750VAC, between open contacts
Operation time	Max. 6 ms
Release time	Max. 4 ms
Vibration resistance	10 - 55Hz at double amplitude of 1.5mm
Shock resistance	Functional:10G ; Destructive: 100G
Ambient temperature	- 40°C to + 70°C
Humidity	5% to 85%
Life expectancy	
- Electrical	1 x 10 ⁵ operations (at rated load)
- Mechanical	1 x 10 ⁷ operations

COILSPECIFICATIONS-1.Highsensitive(150mW)

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. voltage (V at 20°C)
3B	2.25	0.3	50	63	150	Max. 150%
4.5B	3.38	0.45	33.3	135	150	
5B	3.75	0.5	30	167	150	
6B	4.5	0.6	25	240	150	
9B	6.75	0.9	16.7	540	150	
12B	9	1.2	12.5	960	150	

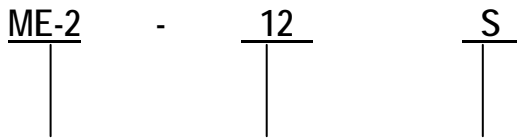
2. Sensitive(200mW)

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. voltage (V at 20°C)
3	2.25	0.3	66.7	45	200	Max. 150%
4.5	3.38	0.45	44.4	101	200	
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	16.7	720	200	
24	18	2.4	8.3	2880	200	

3. Standard (450mW)

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. voltage (V at 20°C)
3S	2.25	0.3	150	20	450	Max. 150%
5S	3.75	0.5	90	56	450	
6S	4.5	0.6	75	80	450	
9S	6.75	0.9	50	180	450	
12S	9	1.2	37.5	320	450	
24S	18	2.4	18.8	1280	450	
48S	36	4.8	9.4	5100	450	

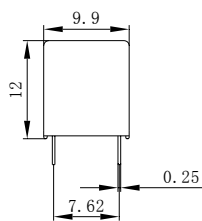
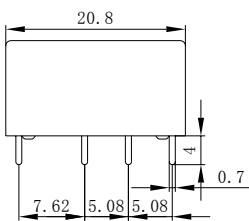
ORDERING INFORMATION



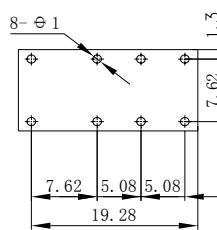
Model No.	Coil Voltage	Power Consumption
ME-2	3VDC-48VDC	B: High sensitive (150mW) Nil: Sensitive (200mW) S: Standard (450mW)

Dimensions (unit:mm)

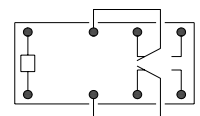
Tolerance: ± 0.3



Tolerance: ± 0.1



PCB LAYOUT



SCHEMATIC