

FEATURES

- 5A switching capabilities
- 1 pole configurations
- 3KV dielectric strength (between coil and contacts)
- Slim size (width 5mm, height 12.5mm)
- High sensitivity 0.12W
- Class F, Class B and Class A insulation system
- UL & CUL approval, File No.: E179936
- TUV approval, File No.:R50216793

CONTACT DATA

Contact form	1A
contact resistance (Initial)	100m Ω max. (at 1A 6VDC)
Contact rating	
Resistive load	5A 250VAC 5A 30VDC
Max. switching power	1250VA / 150W
Max. switching current	5A
Max. switching voltage	250VAC 30VDC
Contact material	AgNi, AgSnO ₂

CHARACTERISTICS

Insulation resistance	1000M Ω 500VDC (Initial)
Dielectric strength	3000VAC between coil to contacts 1000VAC between open contacts
Operate time	10 ms (at nomi. Vot.)
Release time	5 ms (at nomi. Vot.)
Shock resistance	Functional: 98m/s ² ; Destructive: 980m/s ²
Ambient temperature	- 40°C to 85°C
Humidity	5% to 85%
Vibration resistance	10 Hz - 55Hz double amplitude 1.5mm DA
Life expectancy	
- Electrical	Min. 1 x 10 ⁵ operations
- Mechanical	Min. 2 x 10 ⁷ operations
Weight	3g

COIL SPECIFICATIONS

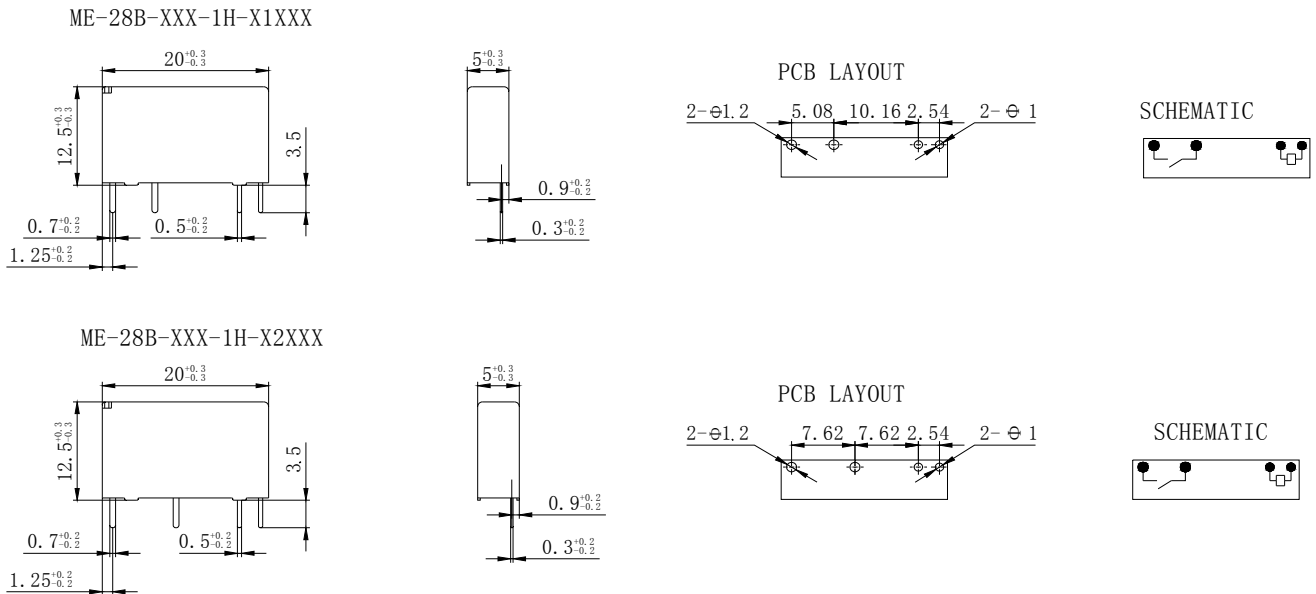
Nominal voltage (VDC)	Pick-up voltage VDC (Max.)	Drop-out voltage VDC (Min.)	Coil current (mA) (at 20°C)	Coil resistance (Ω) (at 20°C)	Power consumption(W)	Max. allowable voltage (VDC)
5	3.5	0.25	24	208 \pm 10%	0.12	6
6	4.2	0.3	20	300 \pm 10%	0.12	7.2
9	6.3	0.45	13.3	675 \pm 10%	0.12	10.8
12	8.4	0.6	10	1200 \pm 10%	0.12	14.4
18	12.6	0.9	6.7	2700 \pm 15%	0.12	21.6
24	16.8	1.2	7.5	3200 \pm 15%	0.18	28.8

ORDERING INFORMATION

Model No.	Coil Voltage	Contact Form	Contact Version	Space between terminals	Contact plating	Contact material	Insulation standard
ME-28B	3,5,6,9,12,18,24VDC	1H: 1A	1: Single contact 2: Bifurcated contact	1: 5.08mm 2: 7.62mm	Nil: No gold plated G: Gold plated	Nil: AgNi T: AgSno ₂	Nil: Class A B: Class B F: Class F

- Notes:
1. No gold plate only for single contact
 2. 1G type is applicable to home appliances, instruments, automatic control and so on.
2G type is applicable to PLC control and so on.

Dimensions(unit:mm)



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