

FEATURES

- Up to 20A switching capacity
- Six different contact arrangements
- Open or sealed type is available

CONTACT DATA

Contact form	1A,1B, 1C, 1U,1W,1V
Contact resistance (Initial)	50mΩ (at 1A 5VDC)
Contact Rating	
1A,1B, 1C:	10A/ 120VAC, 28VDC 20A/ 14VDC
1U,1W,1V	2x10A/ 120VAC, 28VDC 2x20A/ 14VDC
Max. switching power	1C: 280W 1200VA 1W: 2x280W 2x1200VA
Max. switching current	20A
Max. switching voltage	75VDC 380VAC
Contact material	AgSnO ₂

CHARACTERISTICS

Insulation resistance	100MΩ, at 500VDC
Dielectric strength	50Hz 1500V, between contact to coil 50Hz 750V, between contacts
Operate time	≤ 10 ms
Release time	≤ 5 ms
Vibration resistance	10 – 55Hz, double amplitude 1.27mm
Shock resistance	100m/s ² , 11ms
Ambient temperature	- 40°C to + 105°C
Life expectancy	
- Electrical	10 ⁵
- Mechanical	10 ⁷

COIL SPECIFICATIONS

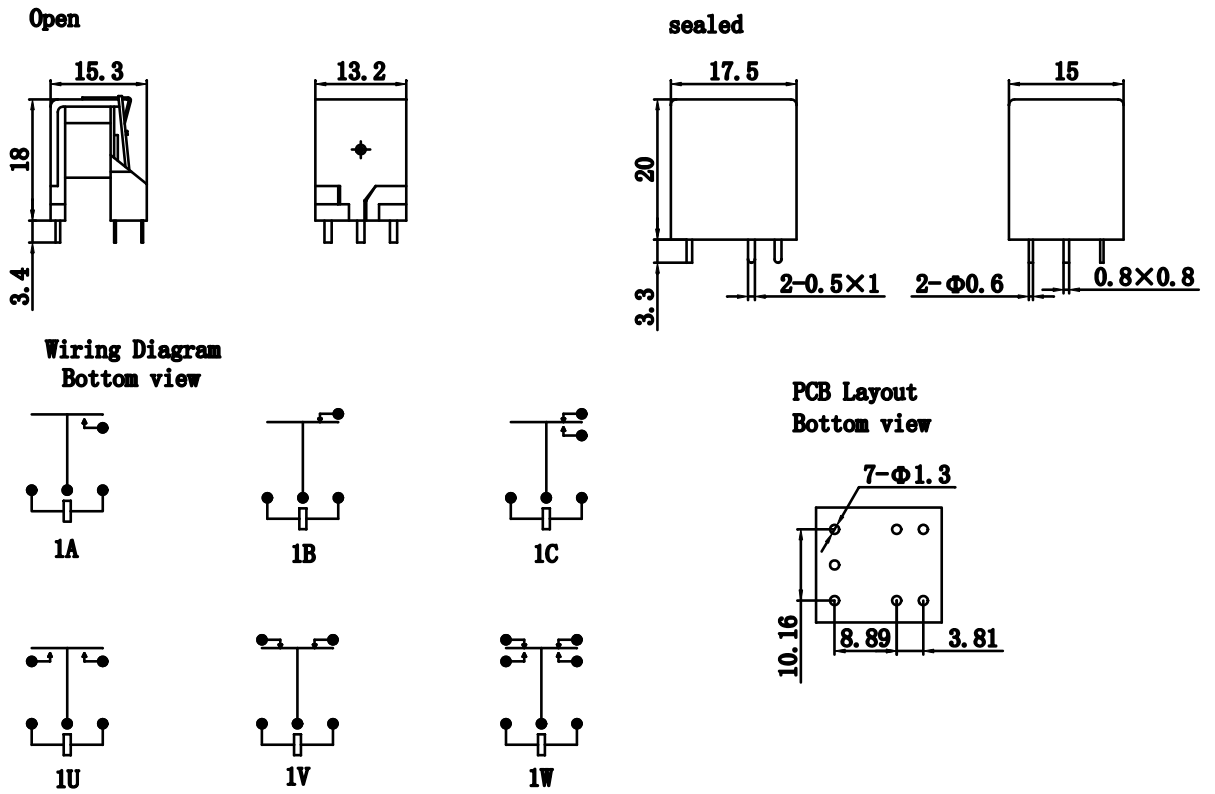
Nominal voltage (VDC)	Pull-in voltage (VDC)	Drop-out voltage (VDC)	Nominal current (mA±10%)	Coil resistance (Ω±10%)	Power consumption (W)
3	2.25	0.3	333.3	9	1.0
5	3.75	0.5	200	25	1.0
6	4.5	0.6	166.7	36	1.0
9	6.75	0.9	111.1	85	1.0
12	9	1.2	83.3	145	1.0
18	13.5	1.8	55.6	324	1.0
24	18	2.4	41.7	576	1.0

ORDERING INFORMATION

<u>MEKS</u>	-	<u>012</u>	<u>1H</u>	<u>S</u>
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Model No.	Coil Voltage	Contact Form	Protection
MEKS	3,5,6,9,12,18, 24VDC	1H: 1A ,1D:1B, 1Z: 1C, 1U: 1U ,1W: 1W 1V:1V	Nil: Open S: Sealed

DIMENSION (unit mm):



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