

FEATURES

- High breakdown voltage 3000VAC between coil and contacts, 1000VAC between open contacts meeting FCC Part 68
- Latching types available
- 5A/250VAC switching capabilities
- 1P-1A1B and 2A configurations
- UL & CUL Approval, File No.: E179936

CONTACT DATA

Contact form	1A, 1A1B, 2A
Contact resistance	Max. 50mΩ
Nominal switching capacity	5A 250VAC 5A 30VDC
Max. switching power	1250VA 150W
Max. switching voltage	250VAC 30VDC
Max. switching current	5A
Contact Material	Silver alloy
Weight	5g

CHARACTERISTICS

Initial insulation resistance	Min. 1000MΩ
Initial breakdown voltage	
- Between coil and contacts	3000VAC
- Between open contacts	1000VAC
- Between contact sets	2000VAC
Operate time(set & reset time)	Max. 10ms
Release time	Max. 5ms
Vibration resistance	10-55Hz, 1.5mm DA
Shock resistance	100m/s ²
Humidity	35% - 85% RH
Ambient temperature	- 40°C to + 70°C
Life expectancy	
- Electrical	1x10 ⁵ min. operations
- Mechanical (at 180 cpm)	5x10 ⁷ min. operations

COIL SPECIFICATIONS – 1 coil (Single Side Stable)

Nominal voltage(VDC)	Pick-up voltage / Set & reset voltage VDC (Max.)	Drop-out voltage VDC (Min.)	Nominal current (mA ± 10%)	Coil resistance (Ω±10%)	Power consumption(mW)
1.5	1.2	0.15	200	7.5	300
3	2.4	0.3	100	30	300
5	4	0.5	60	83	300
6	4.8	0.6	50	120	300
9	7.2	0.9	33.3	270	300
12	9.6	1.2	25	480	300
24	19.2	2.4	12.5	1920	300

2. Latching (2 coils)

Nominal voltage (VDC)	Set & reset voltage (VDC Max.)	Nominal current (mA ± 10%)	Coil resistance (Ω±10%)	Power consumption (mW)
1.5	1.2	200	7.5	300
3	2.4	100	30	300
5	4	60	83	300
6	4.8	50	120	300
9	7.2	33.3	270	300
12	9.6	25	480	300
24	19.2	12.5	1920	300

3. Latching (1 coil)

Nominal voltage (VDC)	Set & reset voltage (VDC Max.)	Nominal current (mA ± 10%)	Coil resistance (Ω±10%)	Power consumption (mW)
1.5	1.2	100	15	300
3	2.4	50	60	300
5	4	30	167	300
6	4.8	25	240	300
9	7.2	16.7	540	300
12	9.6	12.5	960	300
24	19.2	6.3	3840	300

ORDERING INFORMATION

<u>ME-5C</u>	-	<u>L2</u>	-	<u>24</u>	-	<u>2a</u>	-	<u>R</u>
Model No.	Sort		Coil Voltage	Contact Form		Polarity		
ME-5C	Nil: Single Side Stable L1: 1 Coil Latching L2: 2 Coil Latching		1.5 – 24VDC	1a: 1A 1a1b: 1A + 1B 2a: 2A		Nil: Standard Polarity R: Reverse Polarity		

DIMENSIONS (unit: mm)

Tolerance (out size dimensions): ± 0.5mm

