



Features

- ✱ 5A, 8A, 10A Switching Capabilities
- ✱ 1A and 1A+1B Configurations
- ✱ Latching and Non-Latching types
- ✱ 20 x 15 x 10mm (L xW x H)
- ✱ TUV Approval (File No: R50009292)

Contact Data

Contact Form	1A, 1A+1B
Contact Resistance	Max: 30 mOhm
Rated Load Resistive Load	1A: 10A @ 250VAC 10A @ 30VDC 1A1B: 8A @ 250VAC 8A @ 30VDC
Inductive Load	1A: 5A @ 250VAC 5A @ 30VDC 1A1B: 3.5A @ 250VAC 3.5A @ 30VDC
Max. Switching Power Resistive Load	1A: 2500VA, 300W 1A1B: 2000VA, 240W
Inductive Load	1A: 1250VA, 220W 1A1B: 875VA, 170W
Max. Switching Voltage	380VAC, 125VDC (Latching, 250VAC, 125VDC)
Max. Switching Current	10A
Contact Material	AgCdO
Weight	5.6g

Characteristics

Insulation Resistance	Min. 1000MOhm (at 500VDC)
Dielectric Strength Between coil & contact Between contacts of same polarity Between contacts of different polarity Between set & reset coils	2000VAC (50/60Hz for 1 min) 1000VAC (50/60Hz for 1 min) 2000VAC (50/60Hz for 1 min) 250VAC (50/60Hz for 1 min)
Operate Time (set time)	Max. 10ms
Release Time (reset time)	Max. 10ms
Bounce Time	Operate: 5ms max. Release: 5ms max.
Min. set/reset signal width	Latching type: 20ms (at 23°C)
Vibration Resistance	10-55Hz, 1.5mm DA
Shock Resistance	Malfunction: 100m/s ²
Ambient Humidity	Operating: 35% to 85%
Ambient Temperature	-25°C to +70°C (no icing)
Life Expectancy Electrical (at 1,800 ops/hr) Mechanical (at 1,800 ops/hr)	1 x 10 ⁵ min. operations 5 x 10 ⁷ min. operations

Coil Specifications - Single Side Stable

Nominal Voltage (VDC)	Operate Voltage VDC (Max)	Release Voltage VDC (Min)	Rated Current (mA+/- 10%)	Coil Resistance (=/- 10%)	Power Consumption (mW)
3	2.25	0.3	67	45	200
5	3.75	0.5	40	125	200
6	4.5	0.6	33.3	180	200
12	9	1.2	16.7	720	200
24	18	2.4	8.3	2880	200

ME6 Series

Coil Specifications - Latching (1 Coil)

Nominal Voltage (VDC)	Set & Reset Voltage VDC (Max)	Rated Current (mA+/- 10%)	Coil Resistance (=/- 10%)	Power Consumption (mW)
3	2.25	67	45	200
5	3.75	40	125	200
6	4.5	33.3	180	200
12	9	16.7	720	200
24	18	8.3	2880	200

Coil Specifications - Latching (2 Coils)

Nominal Voltage (VDC)	Se & Rest Voltage VDC (Max)	Rated Current (mA+/- 10%)	Coil Resistance (=/- 10%)	Power Consumption (mW)
3	2.25	93.5	32.1	280
5	3.75	56	89.3	280
6	4.5	46.7	129	280
12	9	23.3	514	280
24	18	11.7	2056	280

Ordering Information

ME-6C	- L2	-24	-1A1B
Model No.	Coil Style	Coil Voltage	Contact Form
ME-6C	Nil: Single Side Stable L1: 1 Coil Latching L2: 2 Coil Latching	3VDC - 24VDC	1A: 1 Form A 1A1B: 1 Form A + 1 Form B

DIMENSIONS (UNIT:mm)

SINGLE SIDE STABLE /

