

**Features**

- ✿ 6A Switching Capability
- ✿ Form 1A, 1B and 1C Configurations
- ✿ 5kV dielectric coil to contacts
- ✿ Slim size - 5mm width
- ✿ Low Power - 180mW Coil
- ✿ UL Approvals

Contact Data

Contact Forms	1A, 1B & 1C
Initial Contact Resistance	Max. 100mΩ
Contact Rating	
Resistive Load	6A @ 250VAC
Rated Carry Current	6A @ 250VAC
Max. Switching Voltage	250VAC
Max. Breaking Voltage	440VAC
Min. Contact Load	
AgSnO ²	100mA 12VDC
AgSnO ² + Au Plating	10mA 5VDC

Characteristics

Insulation Resistance	1000MΩ at normal temperature & humidity
Dielectric Strength	
Between coil & contacts	5000VAC
Between open contacts	1000VAC
Operate Time	Max. 5mS
Release Time	Max. 2.5mS
Vibration Resistance	10-55Hz DA. 1.5mm
Shock Resistance	100m/s ²
Ambient Temperature	-40°C to + 85°C
Humidity	40 to 95% (±3%)
Atmospheric Pressure	86 to 106kPa
Weight	5g
Life Expectancy	
Electrical	1 x 10 ⁵ min. operations
Mechanical	1 x 10 ⁷ min. operations

Coil Specifications

Nominal Voltage (VDC)	Operate Voltage VDC (Max)	Release Voltage VDC (Min)	Rated Current (at 20°C) mA (+/-10%)	Coil Resistance (Ohms +/- 10%)	Power Consumption (mW)
5	4	0.5	36	147	180
12	9.6	1.2	15	850	180
24	19.2	2.4	7.5	3390	180
48	38.4	4.8	3.75	13600	180
60	48	6	3	20500 +/-15%	180

ME32 Series

Ordering Information:

ME32	- 012	- 1H	- G
Model No.	Coil Voltage	Contact Form	Contact Material
ME32	5, 12, 24, 48, 60 VDC	1H: 1 Form A 1D: 1 Form B 1Z: 1 Form C	Nil: AgSnO ² G: AgSnO ² + Au Plated

Dimensions (in mm):

