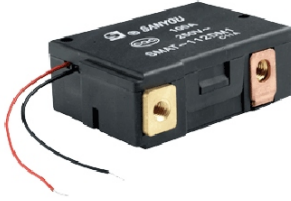


CQC File NO:CQC03001007671



- The relays are designed and manufactured in accordance with the standards of the standards of DIN IEC 255. part 1-100/VDE 0435, part 201, which are also in accordance with the Low Voltage directive(LVD)
- The polarized latching relays are signed by a high resistance to shock and vibration and a low bounce incination.They are always in a defined switching-position and therefore there is no loss of information in case of power failure.

SPECIFICATIONS

Contact

Arrangement	1a	
Contact resistance (By voltage drop 1A 6VDC)	2mΩ Max.	
CQC rating Resistance load	100A	250VAC
Max.switching voltage	250VAC	
Max.switching power	25,000VA	
Expected life(min.ope)	Mechanical (at 180 cpm)	2X10 ⁵
	Electrical (at 20 cpm)	1X10 ³

Coil

Nominal operating power	Single coil: 2.88W
	Double coil: 5.76W

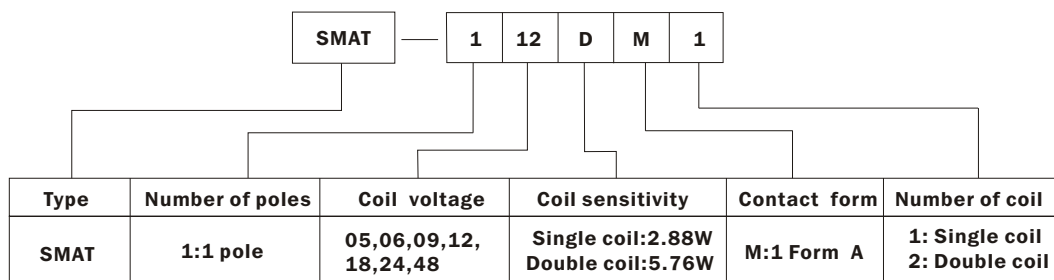
Characteristics

Operate time	30 msec.Max.	
Release time	30 msec.Max.	
Operating humidity	40~90%RH	
Initial breakdown voltage	Between contact and coil	5,000VAC (50/60Hz) for 1 min.
	Between open contacts	1,000VAC (50/60Hz) for 1 min.
Insulation resistance	1,000MΩ Min.(500VDC)	
Ambient temperature	-30℃ ~ +55℃	
Shock resistance	Functional	10G Min.
	Destructive	100G Min.
Vibration resistance	Functional	10 TO 55 Hz at double Amplitude of 1.5mm
	Destructive	10 TO 55 Hz at double Amplitude of 1.5mm
Unit weight	Approx. 150g	

TYPICAL APPLICATIONS

- Industrial machine
- Electrical equipment
- Air conditioner and household applications

ORDERING INFORMATION



COIL(at 20°C)

SMAT

Voltage code	Nominal voltage (VDC)	Nominal current (mA)	Coil resistance ($\Omega \pm 10\%$)	Double coil ($\Omega, \pm 10\%$)		Double coil ($\Omega, \pm 10\%$)	Pick-up voltage (VDC)	Rectangular Pulse width (ms)
				Operate coil	Operate coil			
05	5	595.2	8.4	4.2	4.2	80%Min.	80%Min.	Min.100
06	6	480.0	12.5	6	6			
09	9	333.3	27	13.5	13.5			
12	12	250.0	50	25	25			
18	18	222.2	108	54	54			
24	24	120.0	200	100	100			
48	48	62.5	768	384	384			

OUTLINE DIMENSIONS, WIRING DIAGRAM AND PC BOARD LAYOUT(unit:mm)

