

39×30×17.5

JMX-94F

13002098870

Features

- Magnet latching relay.
- High sensitivity & reliability.
- Well anti-shock and anti-vibration.
- Heavy contact load.

Ordering Information

JMX-94F A Z D 60 DC12V
 1 2 3 4 5 6

1 Part number: JMX-94F
 2 Contact arrangement: A:1A; B:1B
 3 Enclosure: S: Wash tight ; Z: Flus proof

4 Coil: Nil: Single coil; D: Double coils
 5 Contact current: 40:40A; 60:60A; 80:80A
 6 Coil rated voltage(V): DC: 9,12, 24

Contact Data

Contact Arrangement	1A(SPSTNO) 1B(SPSTNC)		
Contact Material	AgCdO		
Contact Rating(Resistive)	80A/250VAC	60A/250VAC	40A/250VAC
Max. Switching Power	20000VA	15000VA	10000VA
Max. Switching Voltage	300VAC Max. Switching Current:80A		
Contact Resistance or voltage drop	≤5mΩ (at 1A/24VDC) ≤100mV (40A)		Item 4.12 of IEC 61810-7
Operation Life	Electrical (Rated Load)	1×10 ⁴	Item 4.30 of IEC 61810-7
	Mechanical (No Load)	1×10 ⁶	Item 4.31 of IEC 61810-7

Coil Parameter

Dash numbers	Rated voltage VDC	Coil resistance Ω ± 10%	Set/Reset voltage VDC (50%-70% of rated voltage)	Pulse duration ms	Coil power W	Set time ms	Reset time ms
1 Coil							
009-1000	9	81	4.5~6.3	≥60	1	≤20	≤20
012-1000	12	144	6.0~8.4				
024-1000	24	576	12.0~16.8				
2 Coils							
009-2000	9	2×40.5	4.5~6.3	≥60	2×2.0	≤20	≤20
012-2000	12	2×72	6.0~8.4				
024-2000	24	2×288	12.0~16.8				

CAUTION: 1.When latching relays are installed in equipment, the latch and reset coil should not be powered simultaneously. Coil should not be pulsed with less than the nominal coil voltage and pulse width should be a minimum of three times the specified operate time of the relay. If these conditions are not followed, it is possible for the relay to in be the magnetically neutral position .
 2.Switching voltage is for test purpose only and are no to be used as design criteria.

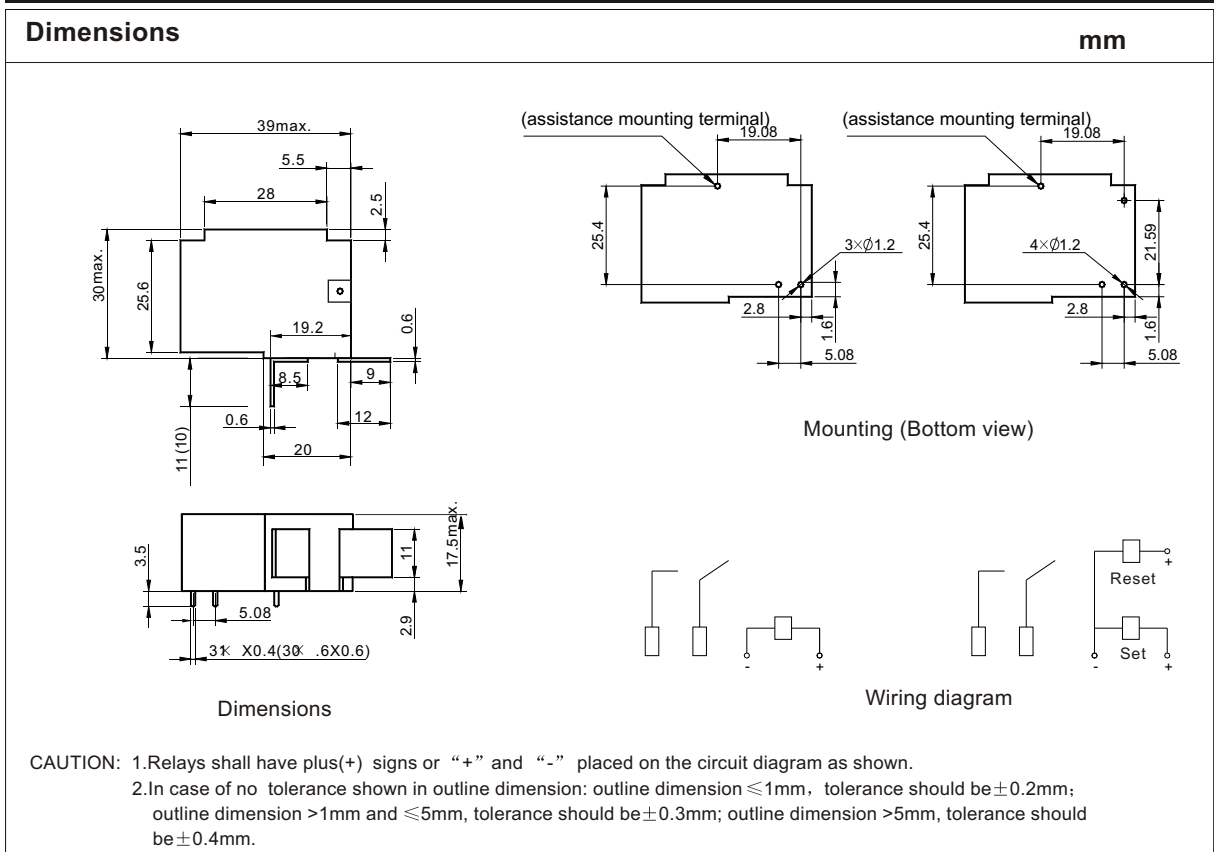
Characteristics

Insulation Resistance	1000M Ω min (at 500VDC)	Item 4.11 of IEC 61810-7
Dielectric Strength		
Between Contacts	50Hz 1500V	Item 4.9 of IEC 61810-7
Between Contact and Coil	50Hz 4000V	Item 4.9 of IEC 61810-7
Creepage Distance	8.4mm	
Shock Resistance	Functional:98m/s ² ;Destructive:980 m/s ² 11ms	Item 4.26 of IEC 61810-7
Vibration Resistance	10Hz~55Hz Double amplitude 1.5mm	Item 4.28 of IEC 61810-7
Terminals Strength	5N	Item 4.24 of IEC 61810-7
Ambient Temperature	-25 $^{\circ}$ C~70 $^{\circ}$ C	
Relative Humidity	5% to 85%	Item 4.16 of IEC 61810-7
Mass	40g	Item 4.7 of IEC 61810-7

Safety Approvals

Safety approval	CQC
Load	80A/220VAC

Dimensions



Reference Data

