

JDM3 Series Counting Relays

1. General

JDM3 electronic counter (hereinafter referred to as the counter), internally powered by lithium battery, is compact in appearance and used for counting in various circuits.

2. Type designation

JDM 3 - □ □ □

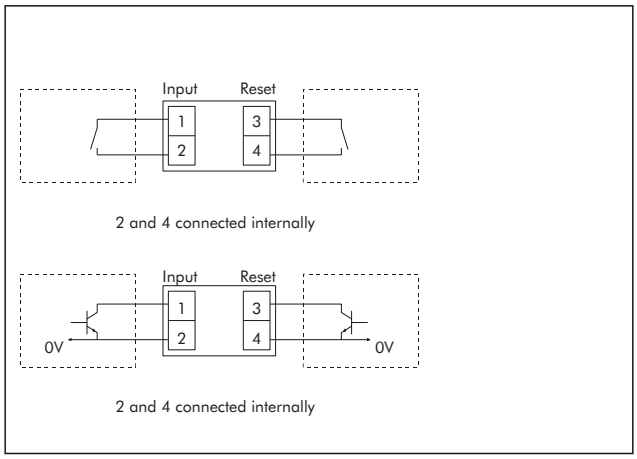
- □: L: low speed counting,10 times/second; H: high speed counting,200 times/second.
- □: Blank:without voltage input; V:DC voltage input; A:AC voltage input.
- □: Counting digits:6:6-digit counting; 8:8-digit counting.
- 3: Design sequence No.
- JDM: Counter

3. Technical data

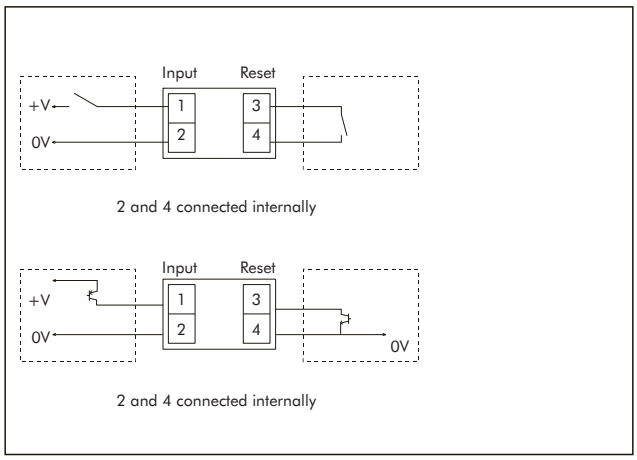
Power supply	Internal power supply
Battery life	About 6 years(25℃)
Display mode	LCD display,display "0"type(hide"0"type can be customized)
Output mode	No output
Counting digits	6-bit counter or 8-bit counter
Counting rate	10times/s or 200times/s
Counting mode	Add count
Without voltage input	None: no voltage input;V: DC voltage input;A: AC voltage input No voltage input(contact input): maximum contact connection resistance: ≤ 10KΩ(count on); Minimum contact breaking resistance: ≥500KΩ(count off); Input maximum residual voltage:0.5V
DC voltage input	DC voltage input(V):I: DC0V~2V; H: DC4V~30V(H valid) (input impedance:≥4.7 kΩ)
AC voltage input	AC voltage input(a): AC/DC24V~240V
Reset mode	Panel button reset(6 digits), external terminal reset(6 digits & 8 digits)
Reset minimum pulse width	≥0.2s
Counting error	≤±1time
Ambient temp	-5℃ ~+40℃
Installation method	Panel type

4. Wiring diagram

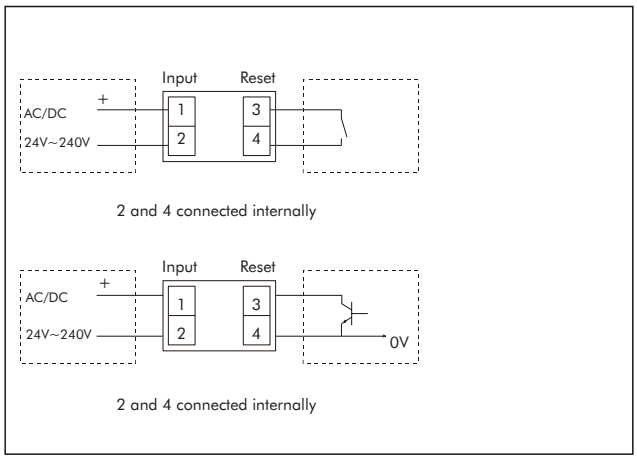
JDM3 (without voltage input)



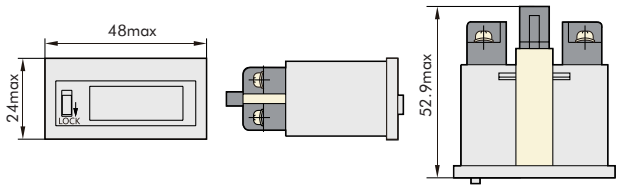
JDM3 (DC voltage input)

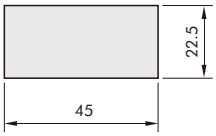


JDM3 (AC voltage input)



5. Overall and mounting dimensions (mm)





JDM3	-	6	V	L
Product series		Counting digits	Voltage input type	Counting speed
		6: 6-digit counting 8: 8-digit counting	Blank: no voltage input V: DC voltage input A: AC voltage input	L: low speed counting,10 times/second H: high speed counting,200 times/second

Counting digits	Voltage input	Counting speed	Description	Code
8-digit counting	AC voltage input	10 times/second	JDM3-8AL	304082
6-digit counting	AC voltage input	10 times/second	JDM3-6AL	304078
6-digit counting	no voltage input	200 times/second	JDM3-6H	304079
8-digit counting	no voltage input	200 times/second	JDM3-8H	304083
6-digit counting	no voltage input	10 times/second	JDM3-6L	304040
8-digit counting	no voltage input	10 times/second	JDM3-8L	304084
8-digit counting	DC voltage input	10 times/second	JDM3-8VL	304086
8-digit counting	DC voltage input	200 times/second	JDM3-8VH	304085
6-digit counting	DC voltage input	10 times/second	JDM3-6VL	304081
6-digit counting	DC voltage input	200 times/second	JDM3-6VH	304080