

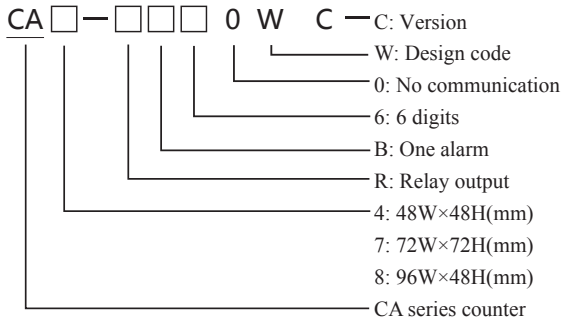
CA Series Digital Counter User Manual



Features:

1. Dual line 6 digit LED display
2. Optional dimension: 48×48, 48×96, 72×72
3. Single counting, single relay output
4. Manual reset, automatic reset, key lock function, power failue memory function
5. Settable counting coefficient, NPN or PNP input selectable.
6. Widely applied to the industries relevant to timber machining, food machinery, packing machinery, steel machining, etc.

1. Model Indication

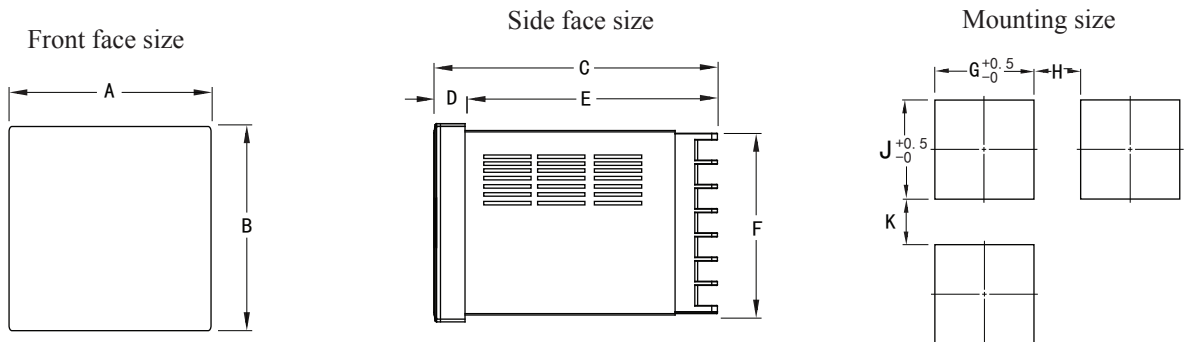


Model	Dimension(mm)	Digit	Alarm Output	Power supply
CA4-RB60W	48W×48H×71L	6	One relay alarm	AC/DC 100~240V
CA7-RB60W	72W×72H×71L	6	One relay alarm	AC/DC 100~240V
CA8-RB60W	96W×48H×71L	6	One relay alarm	AC/DC 100~240V

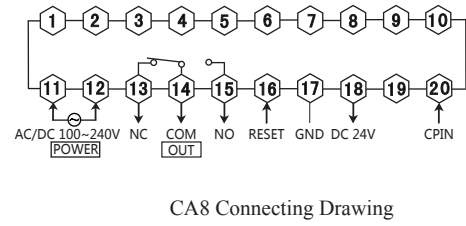
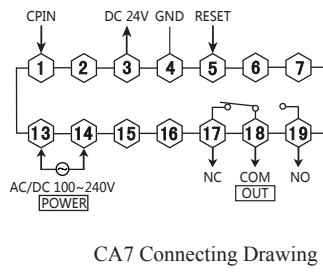
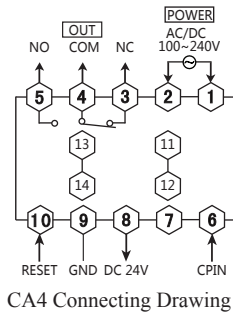
2. Technical Parameter

Power Supply	AC/DC 100~240V
Total Power Consumption	≤4W
Relay Capacity	AC 250V/3A
Output Power	DC 24V±2V (≤50mA)
Insulation Resistance	≥200MΩ
Insulation Strength	AC 2KV/1min
Counting Input Speed	≤1/30/300/1000Hz (selectable)
Counting Range	0.001~999999
Delay Time	0.01~600.00s
Coefficient Setting Range	0.001~99.999
External Signal	External Reset Frequency 2、10、100、500Hz (selectable)

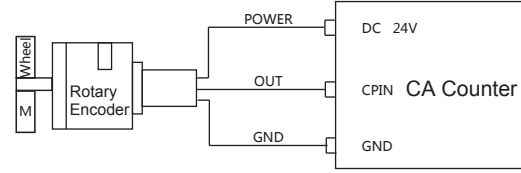
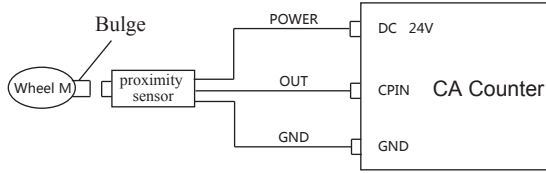
3. Dimension & Connection



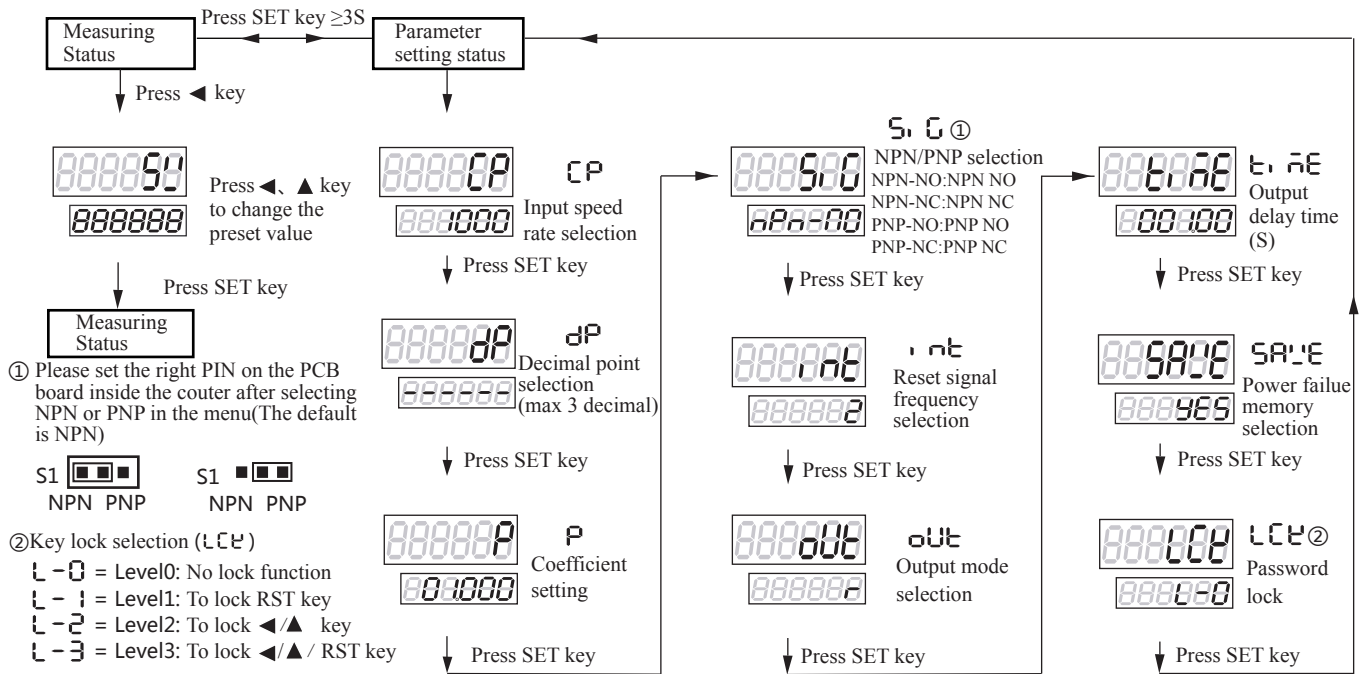
Model	A	B	C	D	E	F	G	H(Min)	J	K(Min)
4:(48×48)	48	48	71	6.5	64.5	44.5	45.5	25	44.5	25
7:(72×72)	72	72	71	6.5	64.5	67.5	67.5	25	67.5	25
8:(48×96)	96	48	71	6.5	64.5	44.5	92	25	45	25
Remark	Unit: (mm) Tolerance ±0.5% (special annotation not included)									



Note: Please subject to the connection drawing on the counter if any changes.



4. Operation Menu



5. Counter Output Mode Diagram

There are 4 types of output modes for option, N, F, R, C.

	N	F	R	C
Output mode setting				
Action after counting up	Output and the counting value will remain till reset signal.	Counting value goes on, output will remain till reset signal.	When counting value reaches setting value, the display value and output will remain till the setting delay time, then reset to next counting automatically.	The counter will reset the counting value when it reaches the setting value, but the output will remain till the setting delay time.