



ANLY COUNTER

ASK-4DR MULTI-FUNCTION DIGITAL COUNTER



ANLY

CHARACTERISTIC :

- Proximity and photoelectric switch compatible
- Protection against power surge and high frequency interference
- High-speed response allows 1,000 counts per second
- Online change of set value possible
- Four levels of key protection provided
- Available on Count Up, Count Down or Count Up/Down model
- Memory function available
- CE certified

SPECIFICATION :

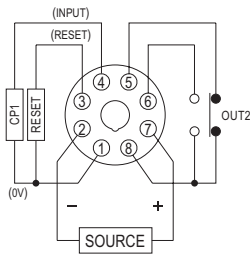
Operating voltage	AC/DC(V): 12~48 or 100~240
Allowable operating voltage range	85~110% of rated operating voltage
Rated frequency	50 / 60 Hz
Contact rating	250VAC 5A (resistive load)
Count speed	MAX 30 cps or 1,000 cps
Reset time	MAX 0.1s
Power consumption	Approx. 2.5VA
Life	Mechanical: 5,000,000 times Electrical: 100,000 times
Ambient temperature	-10 ~ +50°C
Ambient humidity	MAX 85%RH
Weight	Approx. 150g

TYPE SELECTION :

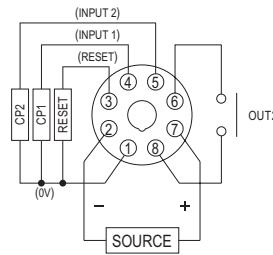
Type	ASK-4DRN	ASK-4DRY	ASK-4DRBN	ASK-4DRBY
Count speed	Max 30 cps or 1,000 cps(user program selectable)			
Output contact	1C		1a	
Memory	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
External Reset	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Count Up	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Count Down	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Count Up/Down			<input type="radio"/>	<input type="radio"/>

CONNECTION :

ASK-4DR



ASK-4DRB



Note: ASK-4DR: When using Proximity (Type NPN) or photoelectric switch, connect (+) to external 12VDC, (-) to pin (1) and (OUT) to pin (4).
 (OUT2) to pin (5) for ASK-4DRB only

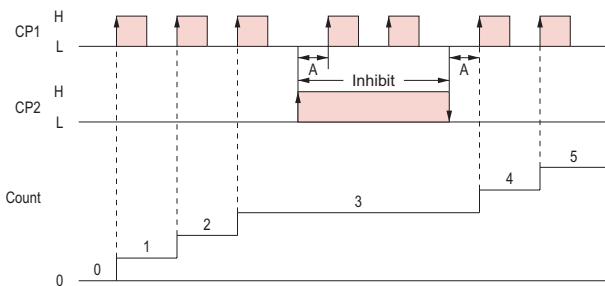
TIMING CHART :

Input Modes and Count Value

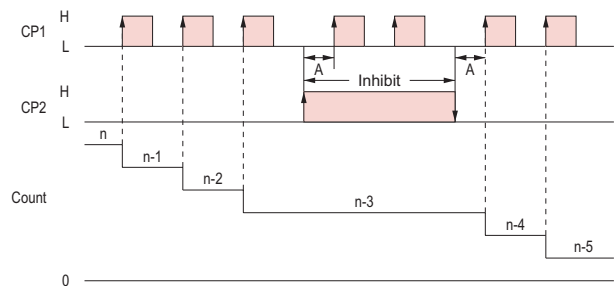
Please note: 1. "A" indicates minimum signal width; "B" indicates 1/2 of minimum signal width. Signals may not be counted if the minimums for A and B are not met.
 2. H and L

Signal	No-voltage input	Voltage input
H	Short circuit	4.5 ~ 30 VDC
L	Open circuit	0 ~ 2 VDC

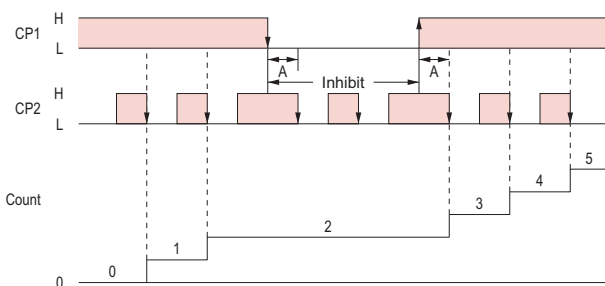
Up (increment) mode - Count at rising edge



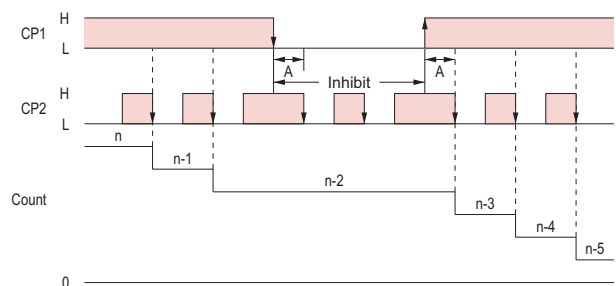
Down (decrement) mode - Count at rising edge



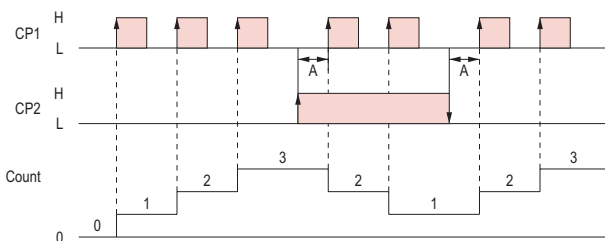
Up (increment) mode - Count at falling edge



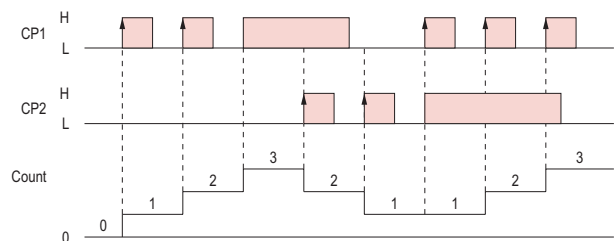
Down (decrement) mode - Count at falling edge



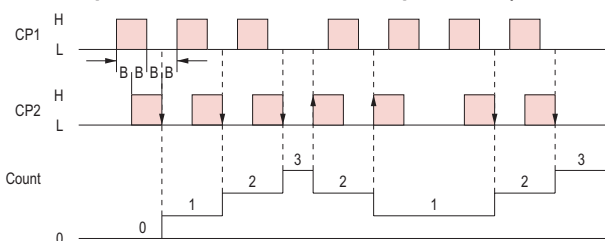
Up/Down A Command input mode



Up/Down B Individual input mode



Up/Down C Phase difference input mode (See note 1.)

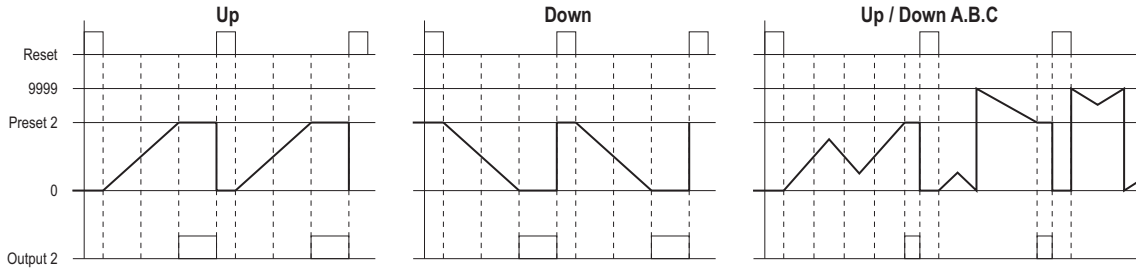


Note 1. Set the same counting speed for CP1 and CP2 when in Up/Down C mode.

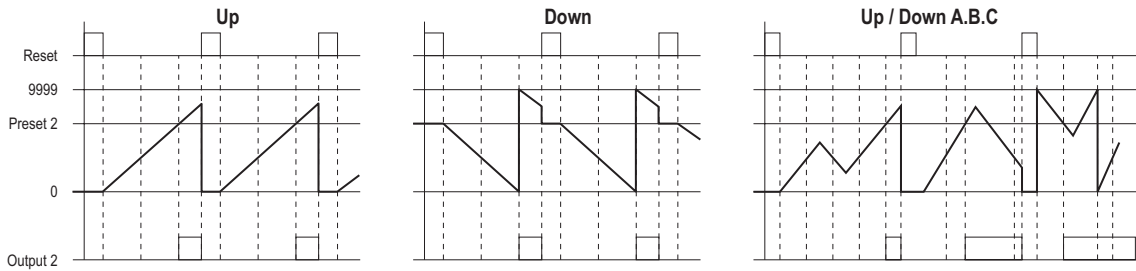
Input / Output Mode Setting

One-shot output from Output 2
 Self-holding output

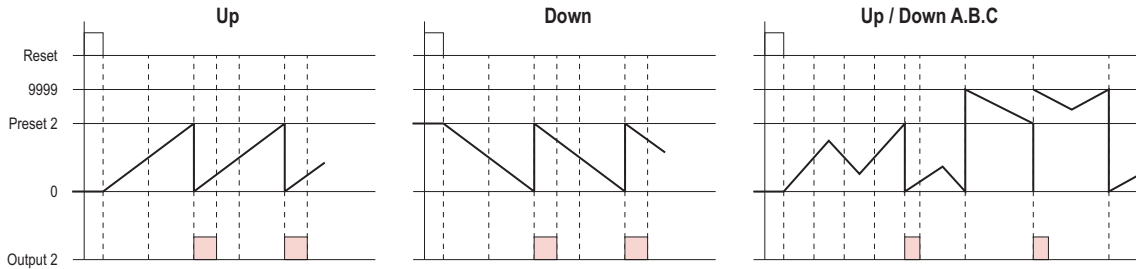
Output mode N : Output and present value display are maintained until reset.



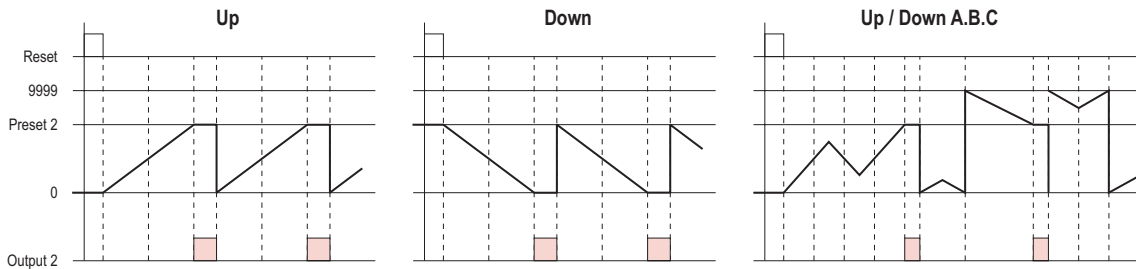
Output mode F : Present value display runs continuously. Outputs are maintained until reset.



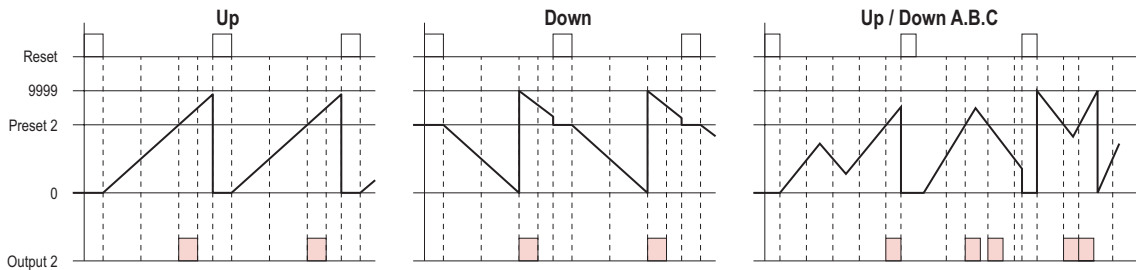
Output mode C : Present value is placed in reset start status as soon as count up is reached. The count up is not displayed. Outputs are 1-shot and operate repeatedly.



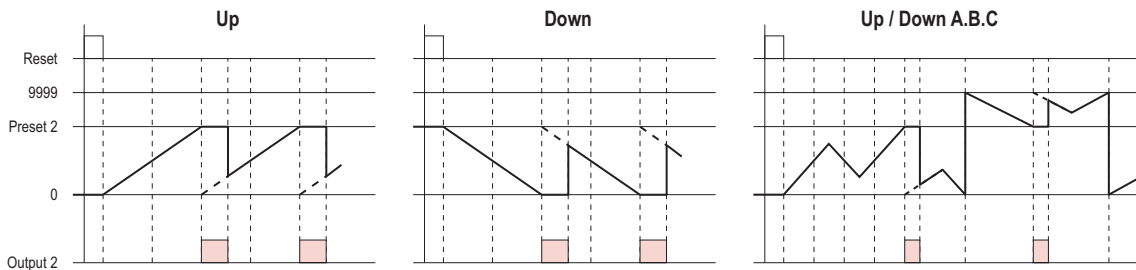
Output mode R : Present value is placed in reset start status as soon as count up is reached. Outputs are 1-shot and operate repeatedly.



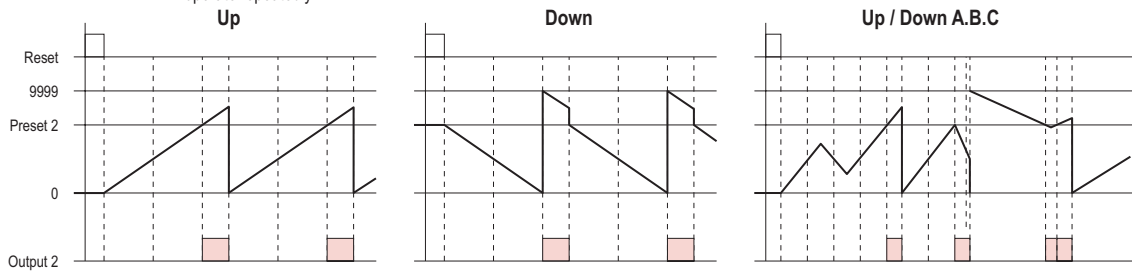
Output mode K : Present value runs continuously. Output is 1-shot.



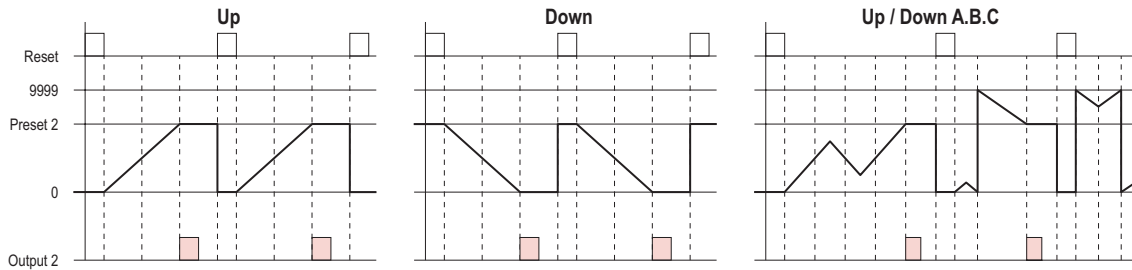
Output mode P : Present value display does not change during 1-shot time period, but reset start status is returned to as soon as count is reached. Outputs are 1-shot and operate repeatedly.



Output mode Q : Present value runs continuously through 1-shot time period and returns to reset start status immediately afterward. Outputs are 1-shot and operate repeatedly.

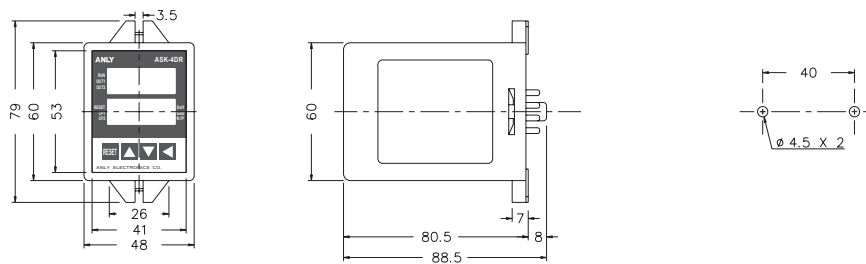


Output mode A : Present value maintain status until reset. Output is 1-shot.

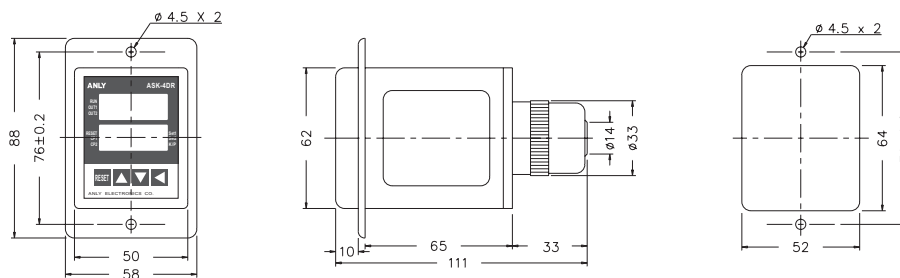


DIMENSIONS : (mm)

N type(Surface Mounting): Using 8PFA Socket



Y type(Flush Mounting): Using US-08 Socket or P3G-08 Socket



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