Model:LDC-511-2

Detail Specifications

- **Two-digit DIP counter.**
- **Adjustable reset times for repeat operations: 0.2-9 (sec.)**

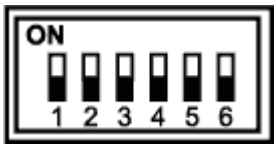
• Features:

Adjustable Time Output	0.2-9 sec., can be input from panel.
EEPROM Memory	Uses an IC to memorize counting values and setting values. Memory will 10 years without battery deterioration.
High-Speed Calculation	3,000 cps (max)
Timing Pause	Uses of GATE terminal can stop time count temporarily.
Digital Filter	With connection signal less than 25cps,reducing flickers.
Complete Output Terminals	Provide two connections: N. O. and N. C.; and output terminals without connection.

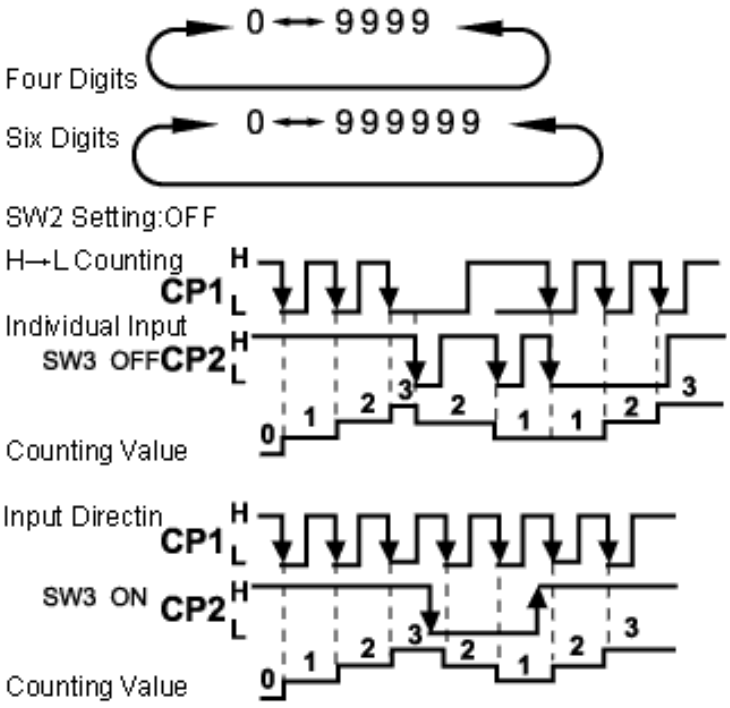
• Specifications:

Model	LDC-511-2
Sections for Setting	A single setting
Time setting range	0~99
Counting Input	Individual input (CP1: addition/CP2: subtraction) CP1 (counting input), CP2 H (addition), CP2 L (subtraction)
Input	Non-connection input: ENCODER, application: proximity switches; L: 0-3V, H: 6-30V Using DIP SW setting to setup H!÷L input (connection closed) or L!÷H (connection open)
Counting Speed	Without connection input: 3KHz (fastest), H/L: 170£gS (min) With connection input: 25KHz (fastest), H/L: 20ms (min)
Reset	External reset, panel button "RESET," an automatic reset by timing operation
Counting Pause	When counting is in process, users can't revise settings, and the terminal for receiving input digits will stop.
Saving Memory	EEPROM can last 10 years. Setting values, counting values, and delay values can be memorized (max. 12V, 50mA)
Power Output	DC 12V 50mA (Max)
Power	AC 110V/220V
Operating Temperature	-10°C~+50°C
Operating Humidity	45~85%RH

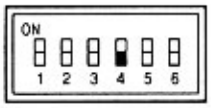
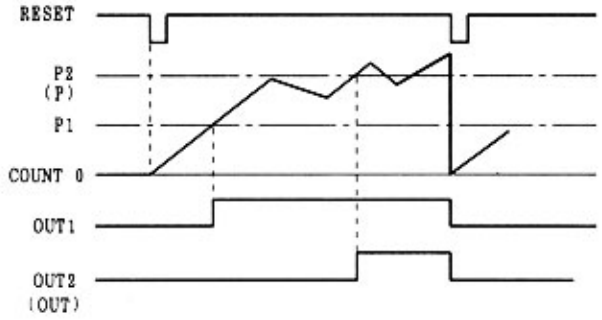
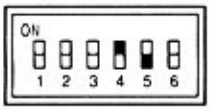
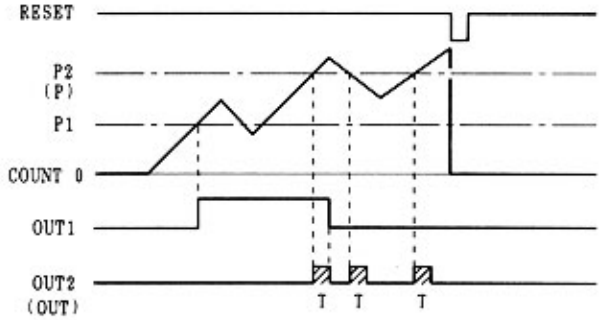
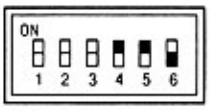
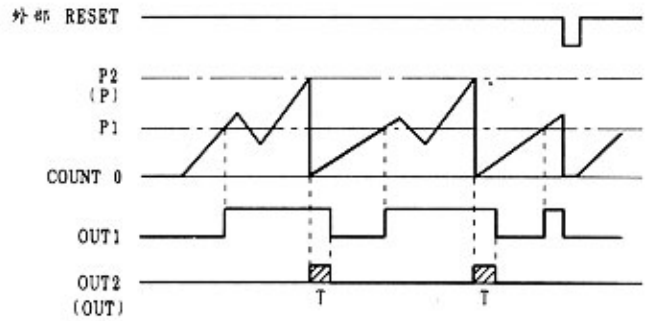
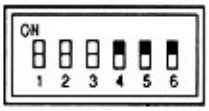
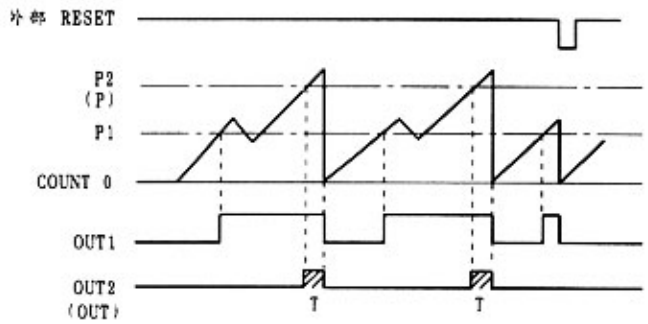
• DIP Switch Operation Mode Setting :



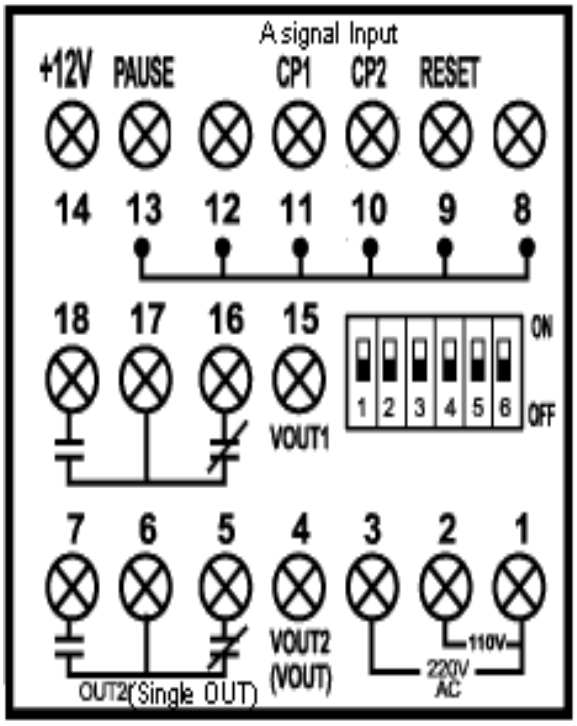
SWITCH	Function	OFF	ON
1	Counting Speed	3K CPS	25 CPS
2	Edge Trigger Counting	OFF → ON H → L	OFF →ON H → L
3	+/-Input	Individual input CP1: addition CP2: subtraction	Direction Input CP1:Pause rise edge CP2:dirction
4	Output	Operation	Release Delay
5	Automatic Reset	No	Yes
6	Edge Trigger Counting Reset	Befor Output	After Output



• Application :

Output	Movement
Operation (Movement N) External Reset 	External 
Output Delay Semi-automatic Zero Adjustment External Reset. 	External 
Output Delay Immediate Reset (Movement C) 	
Output Delay Auto Reset Delay (Movement R)  When power failure occurs during Module R operation,the digit values will be memorized when OUT2 (OUT) isn't in operation,the timer will be Zero-adjusted automatically next time, and start to count from zero to the setting value again.	

• Terminal Connection View :



Terminal	Single-step Setting Model	
1	AC OV	
2	AC 110V	
3	AC 220V	
4	-	
5	N.C.	}Connection Output
6	COM	
7	N.O.	
8	GND	
9	RESET Reset input	
10	START Start input	
11	noMEM Input without memorization	
12	OUT Output without connection	
13	-	
14	DC +12V Power output	
15	GATE Paused for time-measuring input	
16	-	
17	-	
18	-	

• Dimensions :