

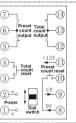
#### Description





Specification				
Rated Supply Voltage	AC24V, 36V, 110V, 220V, 380V 50/60Hz, DC24V(85% to 110% of rated supply voltage)			
Input Modes	Increment			
Counting Speed	High frequency 30~1000 times/s, Low frequency 30 times/s			
Counting range	1~999999			
Input Signals	Contact signal(Contact and Limit switch) Pulse level signal(H: DC4~30V, L: 0V~DC2V) Sensor signal(NPN, PNP, Hall)			
Output Modes	Total count: Cumulative count and without output, and display the number of total Preset count: With output and reset to zero, and display the number of each batch Note: a: Total count is N mode, Preset count is C mode, b: Both Total count and Preset count is N mode when R3 set as R3-00.0			
External Power Supply	DC12V 30mA(Max.)			
Reset	Total count: Connect terminal 3 and 4 Preset count: The R key on the panel and connect terminal 8 and 10			
Memory Protection	10 years			
Mechanical Life	1000000 operations min.			
Electrical Life	100000 operations min. (5 A at 250 VAC/30 VDC, resistive load)			
Rated Load of the Contact	5A AC220V(Resistive)			
Installation	Flush mounting			

### Wiring Diagram and Dimension(mm)



T Switch	Mark: When the dial switch push up, the display of the total count is "n"(n=1,2,3), if the present count is 50, the actually total count is "n"50", if the present count is 120, the actually total count is "n*120".		
	Mark: When the dial switch push down, the display of the total count is "N"(N≂Preset count+Preset count++Current count).		

### **Input Signals**

Pulse level signal counting	Contact signal counting	PNP transistor	NPN transistor
(+) ————————————————————————————————————	10	P Black	-+12V(1) $N$ Brown $+12V(1)$ $Hack$ $+12V(1)$ $Hack$ $+12V(1)$ $+12V(1)$ $+12V(1)$
(DC4~30V) (-)	) CP (⑨) + 4. 7 μ F/50V	P Blue	$\begin{array}{c c} - CP(\textcircled{9}) & P & \frac{Black\mathbf{I}}{N} & CP(\textcircled{9}) \\ \hline N & & Blue & 0V(\textcircled{8}) \end{array}$

Note 1: For counter the DC6~36V PNP NO type Photoelectric switch or Proximity switch is preferred. Note 2: If the input signal is contact signal, please connect 4.7  $\mu$  F capacitor between CP signal and 0V. Note 3: If the input signal is NPN transistor, please connect 2K  $\Omega$  resistor between CP signal and 12V.

# Input/Output Mode Settings



## Dimension(mm) and Mounting(67.5mm\*67.5mm)

