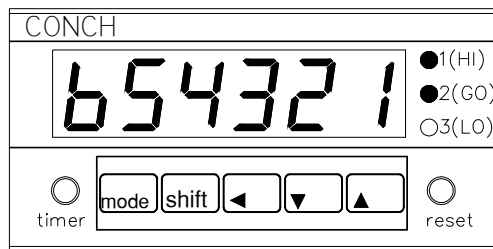


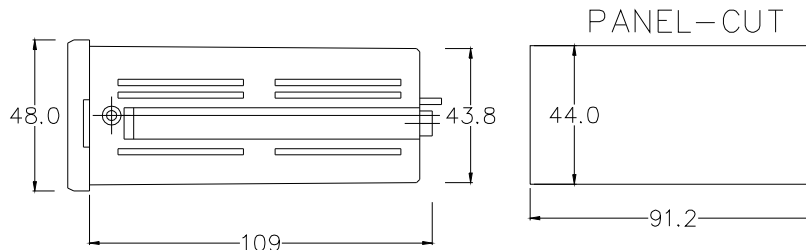
DP-CU60K、DP-CU61K、DP-CU62K Specification

Item No	DP-CU60K、DP-CU61K、DP-CU62K(6 digit)
Character Height	LED0.56
Input Signal Mode	Contact input : 20Hz.300Hz non-contact input : 1KHz
Input Level	NPN · open collector
Input Mode	Addition, Addition/Subtraction. Quadrature
Power Failure Memory	EEPROM keep ten years
Setting Range	1~999999
Output System	Relay output (250V,5A max)
Output Hold Time	0.1~9.9 seconds(variable)
Power Consumption	6VA
Power Supply	AC 110V/220V ±15% 50Hz/60Hz
Operating Temperature Humidity	-10°C~+50°C 45%~85% RH
External Dimensions	96mm×48mm×110mm(Mounting flush dimension : 92mm×45mm)

Appearance



Dimension Diagram



Adjust before using

1.Hi-Lo-speed

If we utilize the device with contact, such as reed switches and relay, to prevent error operation, switch 1-1 must be at the upper position (ON). On the other hand, if we use the no contact input signal, then the switch 1-1 should be at the lower position (OFF).

2.The setting of addition, addition/subtraction

(1) When switch 1-2 is at the lower position, the counter is single phase addition where terminal 9 is a addition input and terminal 11 is subtraction input.

(2) When switch 1-2 is at the upper position (ON), the counter is two phase quadrature addition subtraction where terminal 9 is A signal and terminal 11 is B signal.

3.Output operation : SW1-3, SW1-4 : Operation of N.R.C.

Keyboard protected (When SW1-5 is on the upper position, the function of SCL&PONT will lose the efficiency.)

4.Keyboard setting : : select the kinds of setting

SW1-3	SW1-4	OPERATION
OFF	OFF	N
ON	OFF	R
OFF	ON	C

- (1) **PS-1** : The first setting
 - (2) **PS-2** : The second setting or preset setting
 - (3) **SCL** : Percentage setup
 - (4) **Pont** : decimal point setup
- shift** : It display the kind of setting of end setting
 - ◀** : When we press it down ,the decimal point shift left
 - ▼** : When we press it down, the counter display subtract one, And if we keep up pressing, the value will decrease continuously.
 - ▲** : When we press it down, the counter display add one. And if we keep up pressing, the value will decrease continuously.

u DP-CU62K 2 step single setup mode

Setup Kind	Operation of 2 step type
The First Step	mode → [] → [] → [] → [] → [] ○ ○ ○ ○ ○ ○ ○ ○ ⇒ Shift
Preset Value	PS-1 ⇒ 654321 ⇒ (設定内値)
The Second Step	[] → [] → [] → [] → [] → [] ○ ○ ○ ○ ○ ○ ○ ○ ⇒ shift
Preset Value	PS-1 ⇒ PS-2 ⇒ 654321 ⇒
Percentage Setup	[] → [] → [] → [] → [] → [] → [] ○ ○ ○ ○ ○ ○ ○ ○ shift
	PS-1 ⇒ PS-2 ⇒ SCL ⇒ 0 10000
Decimal Point Setup	[] → [] → [] → [] → [] → [] → [] ○ ○ ○ ○ shift
	PS-1 ⇒ PS-2 ⇒ SCL ⇒ Pont ⇒ 0 ⇒ 0.0 ⇒ ○ ○ ○ ○ ○

u DP-CU61K 1 preset type

Setup Kind	Operation of 1 step type
Preset Setup	[] → [] → [] → [] → [] ○ ○ ○ ○ ○ ○ ○ ○ ⇒ Shift
	PS-2 ⇒ 654321 ⇒ (設定内値)
Percentage Setup	[] → [] → [] → [] → [] → [] ○ ○ ○ ○ ○ ○ ○ ○ ⇒ shift
	PS-2 ⇒ SCL ⇒ 0 10000 ⇒ (設定内値)
Decimal Point Setup	[] → [] → [] → [] → [] → [] ○ ○ ○ ○ ○ ○ ○ ○ ⇒ shift
	PS-2 ⇒ SCL ⇒ Pont ⇒ 0 ⇒ 0.0 ⇒ ○ ○ ○ ○ ○

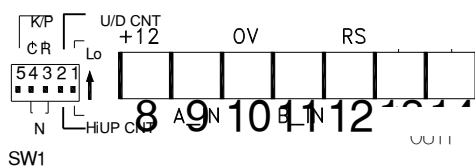
※ **ps** : When SW1-5 is at the "ON" position, the function of percentage and decimal point can't be set..

u Characteristic explanation

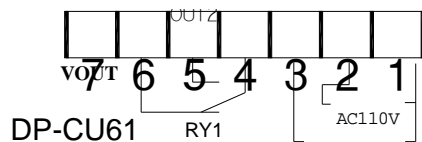
2 step independent output : DP-CU62KA

When the counter display is equal to or larger than the first preset value, relay 1 contact turns on. When the counter display is equal to or larger than the second preset value, relay 2 contact turns on and then the operation of N.R.C. work together.

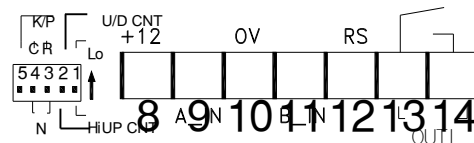
u Terminal Connections



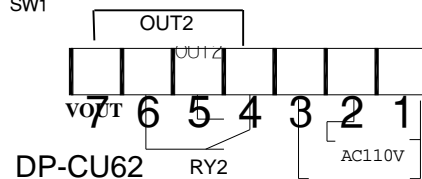
SW1



DP-CU61



SW1



DP-CU62