

16mm square body.

Highly dustproof.

Maximum number of interlocking circuits: 6

[Specifications]

[Dimensions]

[Update list]

Information

Rotational life	100,000 Cycles Min. (18cycles/min, Sliding noise level: Less than 100mV)
* [Load: high] The output side load should be used with high impedance (20 times or more than the total resistance value).	
Mechanical specifications	CP600 Series
Operating angle	300 degrees ±5 degrees
Rotational torque	0.1 to 1.2Ncm (Different by number of circuit)
Strength Nut-Attached	50Ncm
Attached parts	Hexagonal nut (M8)
Stopper strength	50Ncm
Push-pull strength	50N
General specifications	CP600 Series
Temperature range	-10 to +70 degrees C (Operating), -15 to +75 degrees C (Storage)
Relative humidity	90%RH (No condensation)

Note

Dimensions

Model number

2	CP601	S	-	10K	-	6R	20
*1	*2	*3		*4		*5	*6

*1	Number of circuits	Blank : Single circuit 2 to 6 : Number of circuits specified
*2	Product number	CP601 : CP600 Series
*3	Mechanical click option	Blank : Without click S : With click (15degrees step)
*4	Total resistance	5K : 5kohm 10K : 10kohm 50K : 50kohm 100K : 100kohm
5	Shaft types (Please see dimensions)	6R : Φ6 Round Standard (Only "6R20" can be omitted.) 6F : Φ6 Flat
6	Shaft length : S (Length from mounting surface to shaft end)	20 : 20mm Standard (Only "6R20" can be omitted.) 22 : 22mm 25 : 25mm 30 : 30mm

Model Number Search

☐ CP601-5K	☐ CP601-5K-6R20	*
(Single circuit, Without click, Resistance 5kohm, Round shaft type, Shaft length 20mm)		

(* is the standard model)

After selecting each specification, the model number for ordering appears at the top.
(If blank, there is no target model.)

Number of circuits : Put the number of circuits in after the search.
(Blank for 1 circuit, number for 2 to 6 circuits.)

Mechanical click option : ☒ Without click ☐ With click (15degrees step)

Total resistance value : ☒ 5kohm ☐ 10kohm ☐ 50kohm ☐ 100kohm

Shaft types : ☒ Round ☐ Flat

Shaft length : ☒ 20mm ☐ 22mm ☐ 25mm ☐ 30mm

When reloading the browser, please press Reset once.

Custom model number

- [How to specify different output-law in multiple circuits]
- * The number in front of CP601 is the total number of circuits.
 - * The first output-law specified in the beginning will be the knob side.
 - * Consecutive cases of the same output-law are combined into one. (A10K / A10K >> 2-A10K)
 - * Taper-A and Taper-B and Taper-C: Please see Potentiometer CP601 Series.
 - * If the total resistance is different, specify it separately.

[Please refer to the following]

Example	Number of circuits	Output law types	Circuit position	Model number for this specification.
1	4 circuits	Ladder 10kohm x2 Taper-B 10kohm x2	top (knob side) bottom	4CP601 - 2-10K / 2-B10K
2	3 circuits	Taper-B 10kohm x1 Taper-A 10kohm x2	top (knob side) bottom	3CP601 - B10K / 2-A10K
3	3 circuits	Ladder 10kohm x2 Taper-A 10kohm x1 Taper-B 10kohm x1	top (knob side) center bottom	3CP601 - 10K / A10K / B10K
4	5 circuits	Ladder 10kohm x4 Taper-B 10kohm x1	top (knob side) bottom	5CP601 - 4-10K / B10K
5	4 circuits	Ladder 10kohm x2 Taper-B 5kohm x2	top (knob side) bottom	4CP601 - 2-10K / 2-5K
6	4 circuits	Ladder 5kohm x2 Taper-A 10kohm x1 Taper-C 10kohm x1	top (knob side) center bottom	4CP601 - 2-5K / A10K / C10K

Update list

2024.11.20.	Added shaft type and standard shaft length.
2024.03.18.	Introduction of model number search.
2023.12.19.	Addition of maximum input voltage specification.
2023.03.24.	Additional 3D data (step format).
2022.11.07.	First edition