

This clamp type CT can be installed without disconnecting cables. It greatly reduces the installation time regardless of whether it is a new installation or not.

## Features

- ★ Clamp type that allows live-line installation work
- ★ One-touch attachment
- ★ Hole size  $\phi 24$  to 100mm available according to the wire diameter
- ★ Internal protection circuit against open secondary circuit
- ★ High reliability at mounting by spring pressure welding method

## Ordering code

CTL -    CL -    A -    A - C   

Code	Dimensions
24	Inside diameter : $\phi 24$ , Outside diameter : $\phi 70$ (mm)
36	Inside diameter : $\phi 36$ , Outside diameter : $\phi 90$ (mm)
60	Inside diameter : $\phi 60$ , Outside diameter : $\phi 115$ (mm)
100	Inside diameter : $\phi 100$ , Outside diameter : $\phi 155$ (mm)

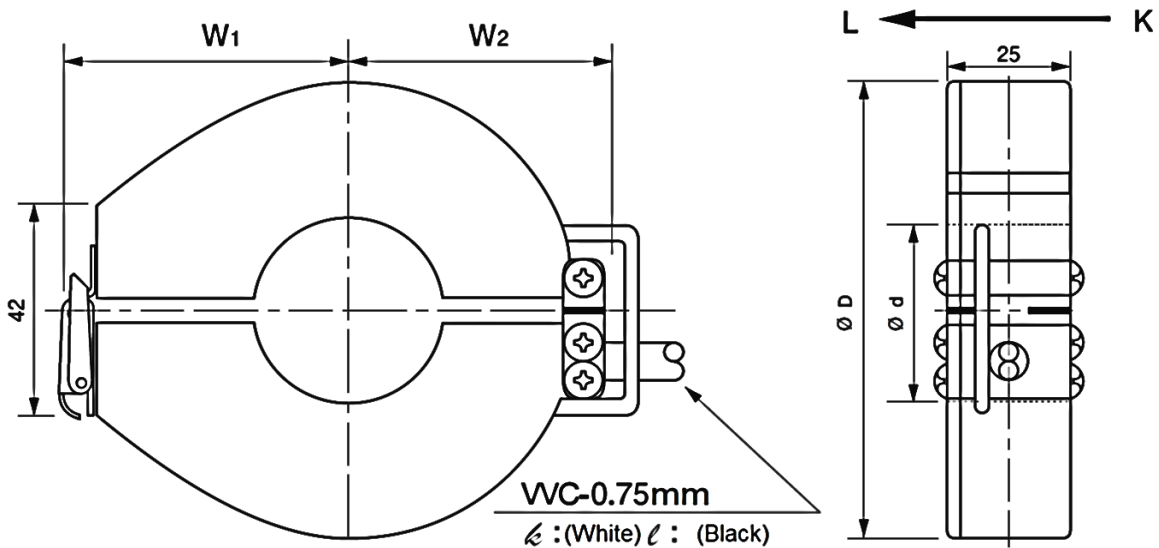
Code	Rated value		Rated burden	Compatible models				Protection circuit
	Primary (In)	Secondary (Is)		24CL	36CL	60CL	100CL	
100A/1A	100A	1A	0.5VA	○	○	○	○	C2
150A/1A	150A	1A	0.5VA	○	○	○	○	C2
200A/1A	200A	1A	0.5VA	○	○	○	○	C2
250A/1A	250A	1A	0.5VA	○	○	○	○	C2
300A/1A	300A	1A	0.5VA	-	○	○	○	C2
400A/1A	400A	1A	0.5VA	-	○	○	○	C2
400A/5A	400A	5A	2.5VA	-	○	○	-	C3
500A/1A	500A	1A	0.5VA	-	○	○	○	C2
500A/5A	500A	5A	2.5VA	-	○	○	○	C3
600A/5A	600A	5A	2.5VA	-	○	○	○	C3
750A/5A	750A	5A	2.5VA	-	○	○	○	C3
800A/5A	800A	5A	2.5VA	-	○	○	○	C3
1000A/5A	1000A	5A	2.5VA	-	○	○	○	C3

Contact us for other than the above

## Specifications

Rated frequency	50/60Hz
Ratio error	$\pm 1\%$ (Rating 100%), $\pm 1.5\%$ (Rating 20%)
Allowed current	120% continuous, 4000% per second
Rated burden	2.5VA when secondary side is 5A (load resistance 0.1 $\Omega$ or less) 0.5VA when secondary side is 1A (load resistance 0.5 $\Omega$ or less)
Operating temperature/humidity	-20~60°C, 80%RH or less (non-condensing)
Insulation resistance	100M $\Omega$ or more (500VDC megger) between core and output terminal
Dielectric strength	2000Vac for 1 minute between core and output terminal
Output lead	VVC -0.75mm <sup>2</sup> 2C 30cm
Mounting	inside installation, cable tie for fixing

## Dimensions



Model	$\phi d$	$\phi D$	W1	W2	Weight
24CL	24	70	43	41	230g
36CL	36	90	53	51	350g
60CL	60	115	65	62	500g
100CL	100	155	86	83	950g

(Unit : mm)

★ Length of Output cable for CT (reference)

CV cable (mm <sup>2</sup> )		Conductor resistance ( $\Omega$ /km)	Max distance per CV rated burden (m)	
Cross sectional area (mm <sup>2</sup> )	Dimensions approx. (mm <sup>2</sup> )		1Aac 0.5VA	5Aac 2.5VA
2	6.4	9.42	21	5
3.5	7.0	5.3	37	9
5.5	8.0	3.4	58	14
8	8.6	2.36	84	20

If you are using other cables, please check the catalog of cable you are using. Max distance is CT to cable between modules.