

5-1 Current transformers

CW Series Low-voltage Current Transformers (less than or equal to 1100V)

CW-5L/CW-15L/CW-40L Cable wiring/Round window through-type

Specifications

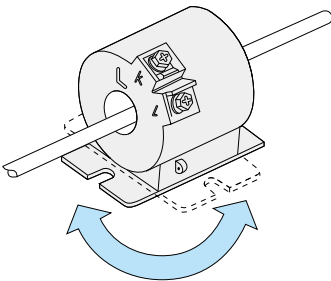
Applicable standard: JIS C 1731-1



Use

- General-use meters

Features



- The direction of the mounting plate can be turned 90°.
- 600V vinyl wiring can be used for the primary conductor.
- Secondary terminal insulation cap (page 34) is available as an option.

Type	Rated primary current (A)		Rated burden (VA)	Accuracy (class)	Overcurrent strength (times)	Highest voltage/withstand voltage (kV)	Frequency (Hz)	External dimensions	Mass (kg)					
	Secondary current 5A	Secondary current 1A												
CW-5L	60	60	5	1.0	40	1.15/4/-	Both 50/60	Fig. 5	1.9					
	75	75												
	100	100												
	120	120						15	1.0	40	1.15/4/-	Both 50/60	Fig. 1	0.6
	150	150												
	160	160												
	180	180												
	200	200												
	240	240												
	250	250											Fig. 2	0.5
	300	300												
	400	400												
	500	500												
600	600													
750	750	Fig. 3	0.5											
					0.6									
CW-15L	100	100	40	1.0	40	1.15/4/-	Both 50/60	Fig. 5	2.0					
	120	120												
	150	150						Fig. 4	1.0					
	160	160												
	180	180												
	200	200						Fig. 2	0.6					
	240	240												
	250	250												
	300	300												
	400	400												
	500	500						Fig. 3	0.8					
600	600		0.6											
750	750	40	1.0	40	1.15/4/-	Both 50/60	Fig. 5	2.0						
150	150													
160	160													
180	180						Fig. 6	1.2						
200	200													
240	240													
250	250						Fig. 3	0.8						
300	300													
500	-													
600	-													
750	-													

Notes

*1 Withstand voltage value indicates commercial power frequency withstand voltage/lightning impulse withstand voltage.

*2 Product weight may vary due to changes in core characteristics.

Regarding Rated Primary Current (current transformation ratio)

Through-type current transformers can be used for several rated primary currents by changing the through number of the primary conductor, and are therefore flexible and economical. (When ordering, be certain to specify the current transformation ratio □□□/□A, which is the primary conductor through number per one turn).

Example: If the current transformation ratio is 200/5A:

Through number 1 turn ∙∙Rated primary current 200A
 Through number 2 turns ∙∙Rated primary current 100A
 Through number 4 turns ∙∙Rated primary current 50A

These circuits can be used with this current transformer.

Refer to page 16 for proper use of through number in the primary conductor, rated primary current (current transformation ratio) and through-type enabled primary conductor size.

