

■ Description

The FUJI low-voltage instrument transformers are available as current transformers and potential transformers. These transformers have a *maximum voltage of 1150V and are suitable for circuits up to 600V. Windings have excellent mechanical, thermal and electrical performance since CT's are molded in polyester resin and VT's in epoxy resin. They are also moisture proof and have good insulation properties. The laminated iron core is made of oriented silicon steel strip. Both VT's and CT's have a class 1.0 accuracy rating, and conform to the requirements of JIS C 1731, JEC 1201 and other standards. Current transformers are available in either through-type or primary-winding versions.

*Maximum voltage: $\frac{\text{Nominal voltage}}{1.1} \times 1.15$

■ Low voltage current transformers

CC3L



AF00-103

The CC3L type is a round hole through-type current transformer. The ratio can be changed according to the number of turns of the primary windings. It has excellent insulation characteristics and is both compact and light in weight.

CC3P



AF00-102

The CC3P type is a current transformer which has a primary winding thus facilitating connection work. The installation angle can be varied from the standard position through 90°. They can be supplied with the primary current rating from 5 to 50 Amps.

CC3M



AF00-107

The CC3M type is a current transformer which has a flat terminal primary winding. It is used in the bus section of the load center or the control center. It can be mounted either horizontally or vertically.

CC2



AF99-266

The CC2D, 2C, and 2N current transformers are split-types. The CTs can be mounted to existing panels, such as control centers or load centers, to measure or monitor the wattage. These can be mounted without removing existing cables for easier installation. Rated primary currents are available from 5 to 1200A.

■ Low voltage potential transformers CD 32, 34



AF00-215

The CD32 and CD34 transformers are low-voltage types. Types with a fuse of a 100kA interrupting capacity have been added to the series. This series is available for burdens of 15 and 50VA.

■ Varieties of instrument transformers

Description		Type	Burden	Primary current	Secondary current
CT	Round hole through-type	CC3L1	5VA	60-750A	5 or 1A
		CC3L2	15VA	100-750A	5 or 1A
		CC3L3	40VA	150-750A	5 or 1A, 5A
	With primary winding	CC3P1	5VA	1-50A	5 or 1A
		CC3P2	15VA	1-50A	5 or 1A
		CC3P3	40VA	1-50A	5 or 1A
	Rectangular hole through type	CC3M1	5VA	150- 600A	5A
		CC3M2	15VA	150-2000A	5 or 1A
		CC3M3	40VA	200-6000A	5 or 1A, 5A
	Split type	CC2D	0.2693mVA-0.5VA	5- 400A	7.34mA-1A
		CC2C	0.5VA	800-1200A	1A
		CC2N	0.5-2.5VA	100- 500A	5 or 1A

Description		Type	Burden	Primary voltage	Secondary voltage
VT	Single-phase	CD32F	15VA	220, 440V	110V
		CD32N	15VA	220, 440V	110V
		CD34F	50VA	220, 440V	110V
		CD34N	50VA	220, 440V	110V