CURRENT TRANSFORMER

CT-MR series

The CT-MR series is a current transformer that it is a primary round window penetration type for general instrument conforming to JIS standards.
It is used for power supply equipment, operation panels... in operation panel. It has the flexibility to be used by changing the number of penetrations of the primary conductor in many ways and as a current detection current transformer.

■CT-MR type specifications

Model	Rated Amp Turn (A)	Rated primary Current(A)	Rated Secondary Current(A)	Rated capacity (VA)	Accuracy class	Freq (Hz)	Max voltage (V)
CT-5MRN	100～750	10～750	5	5	1.0	50/60	1150
CT-15MR	100～750	10～750	5（1）	15	1.0	50/60	1150

CT-M series

The CT-M series is a primary winding type that fits 3.3kV and 6.6kV lines.
It is used for current measurement in general instruments that it is built into a power receiving board, switchboard, etc. and is a high-voltage circuit.

■CT-M type specifications

Model	Rated primary Current(A)	Rated Secondary Current(A)	Rated capacity (VA)	Accuracy class	Freq (Hz)	Max voltage (V)
CT-15M3	10～750	5	15	1.0	50/60	3450
CT-40M3	30～2000	5	40	1.0	50/60	3450
CT-40M6	30～2000	5	40	1.0	50/60	6900

DPCT series

The DPCT series current transformers is produced with high-precision (0.2 class) for using in distribution cabinets based on JIS standards and, so it's suitable to connect with digital meters and transducers.

■DPCT type specifications

Model	Rated Amp Turn (A)	Rated Primary Current(A)	Rated Secondary Current(A)	Rated capacity (VA)	Accuracy class	Freq (Hz)	Max voltage (V)
DPCT-1～3	-	10,20,30	1	2	0.2	50/60	1150
DPCT-4～7	300～600	50～600	1	2	0.2	50/60	1150

CTL series

The standard current transformer CTL series has characteristics that conform to the accuracy class according to JIS, 0.1 to 0.2 class for special precision measurement and instrument calibration, therefore the usage range of CTL series has expanded by Double ratio or multiple ratio variation.

CTL series standard specification list

Model	Accuracy class	Current (A)		Rated capacity (VA)	Max voltage (V)	Size (W×H×D-φ)	Mass (kg)	Remarks
		Primary	Second					
CTL1-1	0.1・0.2	500-250-100-50-20-10	5	5	1150	215×285×115-50	5	More 100A penetration type
CTL1-2	0.1・0.2	600-300-150-75-30-15	5	5	1150	215×285×115-50	5	More 150A penetration type
CTL1-3	0.1・0.2	100-75-50-30-20-15-10-7.5-5-3-2-1.5 -1-0.75-0.5	5	15	1150	285×370×141	14	All terminal type
CTL1-4	0.1・0.2	5000-4000-3000-2000-1000	5	15	1150	350×430×180-150	14	All penetration (secondary switching) type
CTL1-5	0.1・0.2	120-100-75-60-50-30-25-20-15-10-7.5 -5-3-2-1-0.5-0.25-0.1	5	15	1150	370×435×185	15	All terminal type
CTL1-6	0.1・0.2	2000-1500-1200-1000-750-600-500-400 -300-250-200-150-100-75-50-40-30-20 -15-10-5	5	15	1150	330×410×185-100	15	More 150A penetration type
CTL2-1	0.1・0.2	1500-750-500-300-250-100-50-30-15-10	5	15	3450	275×335×135-72	10	More 250A penetration type
CTL2-2	0.1・0.2	3000-2000-1000-100-50-30-15-10	5	15	3450	330×410×185-100	15	More 1000A penetration (secondary switching) type
CTL3-1	0.1・0.2	1500-750-500-300-250-100-50-30-15-10	5	15	6900	285×370×160-75	11	More 250A penetration type
CTL3-2	0.1・0.2	500-250-100-50	5	15	6900	370×455×185	12	All terminal type

VOLTAGE TRANSFORMER

VT-M series

We mainly manufacture 1.0 class voltage transformers for general measurement that Conforms to JIS standards and is used for normal measurement and distribution cabinets.

■VT-M type specifications

Model	Rated primary voltage (V)	Rated secondary voltage (V)	Rated capacity (VA)	Accuracy class	Freq (Hz)
VT-15M3	220～3300	110	15	1.0	50/60
VT-50M6	220～6600	110	50	1.0	50/60

DPVT series

The DPVT series voltage transformers is produced with high-precision (0.2 class) for using in distribution cabinets based on JIS standards and, so it's suitable to connect with digital meters and transducers.

■DPVT type specifications

Model	Rated primary voltage (V)	Rated secondary voltage (V)	Rated capacity (VA)	Accuracy class	Freq (Hz)
DPVT-1～6	220～6600	110	2	0.2	50/60

VTL series

The standard voltage transformer VTL series has characteristics that conform to the accuracy class of JIS, 0.1 to 0.2, for instrument calibration.

Model	Accuracy class	Rated primary voltage (V)	Rated secondary voltage (V)	Rated capacity (VA)	Size(W×H×D-φ)	Mass(kg)	Remarks
VTL1-1	0.1・0.2	1100-660-440-220-110	110	15	270×265×200	20	
VTL1-2	0.1・0.2	440-220	110	15	270×265×200	20	
VTL2-1	0.1・0.2	3300-2200-440-220	110	15	270×265×200	20	
VTL2-2	0.1・0.2	3300-2200-1100-440	110	15	270×265×200	20	
VTL2-3	0.1・0.2	2200-1100-440-220	110	15	270×265×200	20	
VTL3-1	0.1・0.2	6600-3300-2200-440-220	110	15	270×275×200	20	
VTL3-2	0.1・0.2	6600-3300-2200-1100	110	15	270×275×200	20	
VTL3-3	0.1・0.2	6600-3300	110	15	270×275×200	20	
VTL4-1	0.1・0.2	11000-6600-3300	110	15	420×470×420	35	Metal case
VTL4-2	0.1・0.2	11000-6600	110	15	420×500×370	32	Metal case
VTL4-3	0.1・0.2	11000	110	15	420×475×370	32	Metal case
VTL5-1	0.1・0.2	22000-11000	110	15	*	*	Oil-immersed
VTL5-2	0.1・0.2	22000	110	15	*	*	Oil-immersed
VTL6-1	0.1・0.2	33000-22000-11000	110	15	*	*	Oil-immersed
VTL6-2	0.1・0.2	33000-16500	110	15	*	*	Oil-immersed
VTL6-3	0.1・0.2	33000	110	15	*	*	Oil-immersed

※Notes when using
Since the VTL series is the mold type voltage transformer used for high voltage power receiving cabinets, it has a different purpose therefore it is designed to be used by connecting the primary side V terminal to the ground side. (This is called "grounding type" at our company.)

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