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DL-CT10C Series Current Transformer

Flame retardant properties: UL94-V0

Insulation resistance: Normal than 1000MΩ

Work voltage: 0.66/0.72kV

Compressive strength: 3kV/50Hz/1min

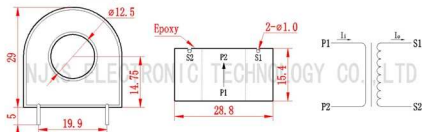
Work frequency: 50/60Hz

Operating temperature: -40°C~+85°C

Used for: Load current detection, Electric energy measurement, Microcomputer protection

Installation method: Busbar perforation, secondary lead-pin output.

Dimension (in mm):



Technical Data:

	DL-CT10C1.0	DL-CT10C2.0	DL-CT10C2.5	Unit
Rated input	50	50	50	A (AC)
Rated output	50	25	20	mA (AC)
Rated sampling load	20	200	250	Ω
Rated sampling voltage	1	5	5	V (AC)
Turns ratio	1000/1	2000/1	2500/1	---
Phase shift	≤5 (50A, 0Ω)	≤5 (50A, 0Ω)	≤5 (50A, 0Ω)	
Accuracy	0.1	0.1	0.1	Level
Linearity	0.1	0.1	0.1	%
Measuring current	0~50 (RL≤20Ω)	0~100 (RL≤80Ω)	0~125 (RL≤100Ω)	A (AC)
Maximum current	0~80 (RL≤10Ω)	0~150 (RL≤10Ω)	0~200 (RL≤10Ω)	A (AC)
DCR	49.5±5	103±10	125±15	Ω
Weight	22.7	25.8	27	g

	DL-CT10C3.0	DL-CT10C4.0	DL-CT10C5.0	Unit
Rated input	100	100	100	A (AC)
Rated output	33.33	25	20	mA (AC)
Rated sampling load	150	300	500	Ω
Rated sampling voltage	5	7.5	10	V (AC)
Turns ratio	3000/1	4000/1	5000/1	---
Phase shift	≤5 (100A, 0Ω)	≤5 (100A, 0Ω)	≤5 (100A, 0Ω)	
Accuracy	0.1	0.1	0.1	Level
Linearity	0.1	0.1	0.1	%
Measuring current	0~120 (RL≤120Ω)	0~120 (RL≤250Ω)	0~120 (RL≤400Ω)	A (AC)
Maximum current	0~180 (RL≤10Ω)	0~200 (RL≤10Ω)	0~200 (RL≤10Ω)	A (AC)
DCR	215±30	365±40	570±50	Ω
Weight	26	26.6	26.2	g

Note: Current transformers are prohibited to be used in open circuit, also can't be connected to fuse. Please connect the output of the transformer first, and then clamp the transformer on the bus under test.