

Standard Current Transformer



GENERAL DESCRIPTION

The Model 2515 Instrument Current Transformer is a precision 800 amperes CT designed for accurate measurement of AC Current or for Instrument Current Transformer calibration applications. The CT can be installed on a bus bar for current in the range of 400 to 800 amperes or it can be used with a primary conductor consisting of several turns at lower ratios.

The Model 2515 CT is a designed with a tapped primary and a tapped secondary winding providing many ratios over the range of 5...800 amperes. The CT provide high accuracy at low burdens without any compensation.

The CT winding are designed such as to provide the user with a facility to test the performance of the CT and verify its accuracy.

SPECIFICATIONS

Primary	:	Pre-wound primary for 5...80 amperes. Customer applied primary (1....10 turns) for 80..800 amperes.
Secondary	:	5 ampere.
Accuracy	:	0.05 IEC Class at a burden of 2.5 VA, at 50/60 Hz.
Ratios provided	:	STD CT Ratio of Stand alone CT with through hole option 800, 775, 750, 725, 700, 675, 650, 625, 600, 575, 550, 525, 500, 475, 450, 425, 400, 387.5, 375, 362.5, 350, 337.5, 325, 312.5, 300, 287.5, 275, 262.5, 250, 237.5, 225, 212.5, 200, 193.5, 187.5, 181.25, 175, 168.75, 162.5, 156.25, 150, 143.75, 137.5, 131.25, 125, 118.75, 112.5, 106.25, 100. STD CT Ratio of Stand alone Standard CT for pre wound 80, 77.5, 75, 72.5, 70, 67.5, 65, 62.5, 60, 57.5, 55, 52.5, 50, 47.5, 45, 42.5, 40, 38.75, 37.5, 36.25, 35, 33.75, 32.5, 31.25, 30, 28.75, 27.5, 26.25, 25, 23.75, 22.5, 21.25, 20, 18.75, 17.5, 16.25, 15, 13.75, 12.5, 11.25, 10, 8.75, 7.5, 6.25, 5, 3.75, 2.5.
Duty Cycle	:	Continuous up to 800 amperes, 30 minutes at 200% current (1.6kA).
Physical Size	:	Approx. 416 mm x 416 mm x 186 mm, 90 mm feed through hole.
Weight	:	Approx. 25 kgs,



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