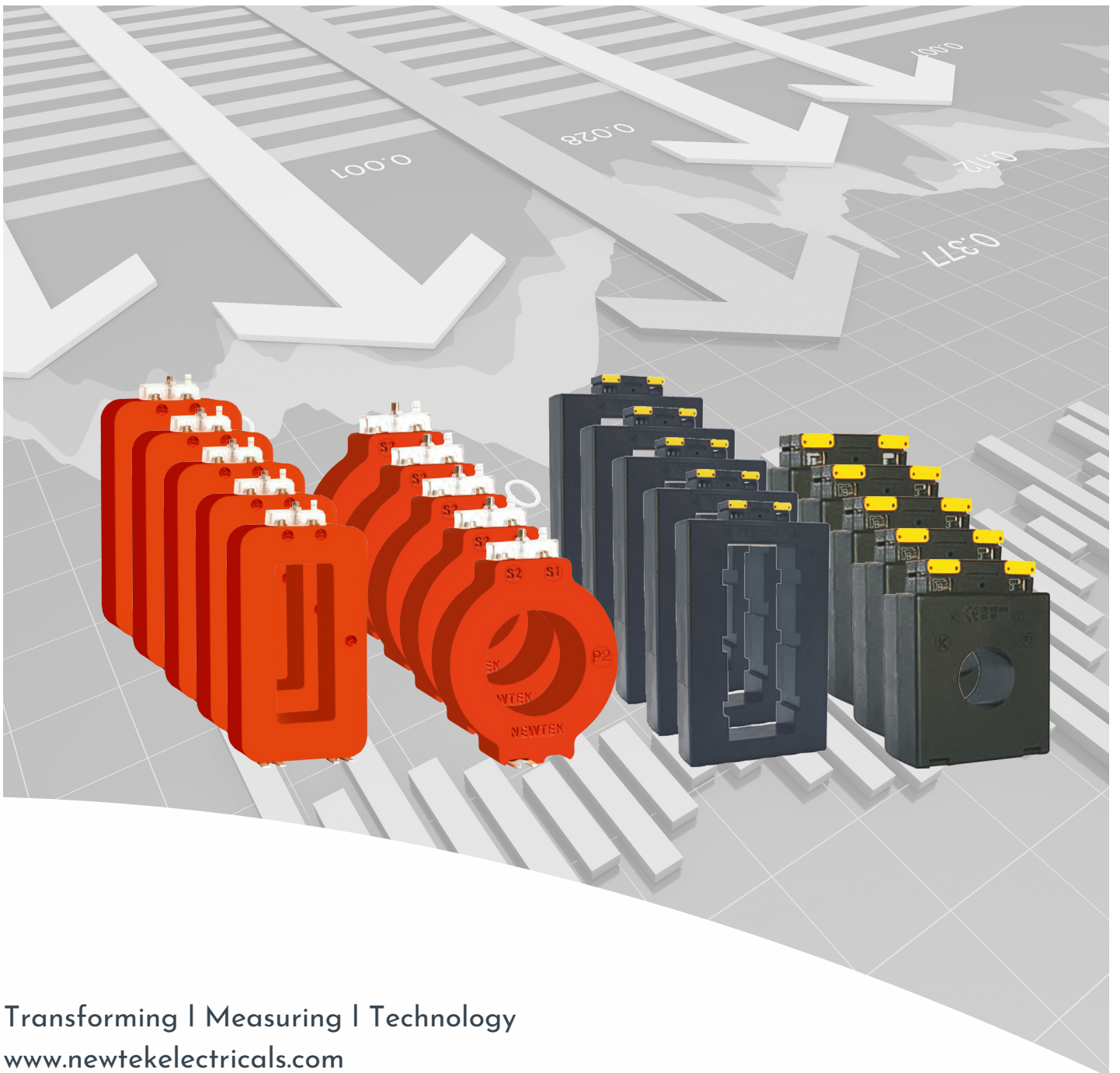


How to get the best CT at the most **economical price?**





How to get the best CT at the most economical price?



Choose the right CT ratio (Primary current) for quality

- The preferred use range of the CT should be between 40% to 90%
- If you want to measure 100A nominal current and if the current can go up to a minimum 60A, then you can select a 125/5A or 150/5A CT.
- Do not go below 20% and above 90% use range when selecting a CT.

Select a trusted CT manufacturing partner

For a quality CT, select a manufacturer who follows the right manufacturing and testing standards. Newtek is committed to constantly upgrading the quality of its current transformer. We freely share our knowledge to educate our customers and enable them to choose better quality CTs at the best price points.





Consider the accuracy class & error at the percentage of Rated Current. (IS Standard 2705/1992)

ACCURACY CLASS	ALLOWED % CURRENT (RATIO) ERROR				PHASE DISPLACEMENT IN MINUTES			
	% of RATED CURRENT				% of RATED CURRENT			
	5	20	100	120	5	20	100	120
0.1	0.4	0.2	0.1	0.1	15	8	5	5
0.2	0.75	0.35	0.2	0.2	30	15	10	10
0.5	1.5	0.75	0.5	0.5	90	45	30	30
1.0	3.0	1.5	1.0	1.0	180	90	60	60



As can be seen, if you are using class 1.0 CT, the allowed percentage ratio error:

- AT 120% is 1%
- AT 100% is 1%
- AT 20% is 1.5%
- AT 5% is 3%

Selecting the right secondary current between 5A or 1A

- The rated secondary current could be 5A or 1A
- For use in local situation it is 5A
- For use in remote situation it is 1A

Comprehensive Range of CT/PTs and Multi-Function Meters (MFMs)

Current Transformer Nylon Casing



Metering Type CT'S

- Window Type CT'S (Bus Bar)
- WPL Type
- Round ID Type CT'S

Protection Type CT'S

- Nylon Casing-Protective Type Bus Bar

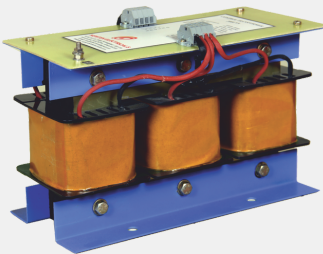
Resin Cast-Round ID



Metering Type CT'S

- Resin Cast - WPL
- Resin Cast - Bus Bar
- Resin Cast - Round ID

Control Transformer



- Single-phase Resin Cast
- Three-phase Resin Cast

Digital Meter



- Energy Meter
- MFM Meter
- VAF Meter
- DPM Meter

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