


0.5 CLASS CT COMBINATION METER



- High measurement accuracy (0.5) class meter compatible with 0.5 class ct.
- < 4VA burden of meter.
- 4 digit display of meter.
- Compact meter size.
- New and easy installation method.
- Improvised & technologised through German collaboration .

- High precision accuracy (0.5 class) ct.
- CT designed at 5va & less.
- Compact size current transformer.
- Compact size current transformer.
- Nano-crystalline (low losses core) used for lower ratio to achieve high accuracy.
- Approved from KEMA (HOLLAND).



made
in
Pakistan





SINCE 1952

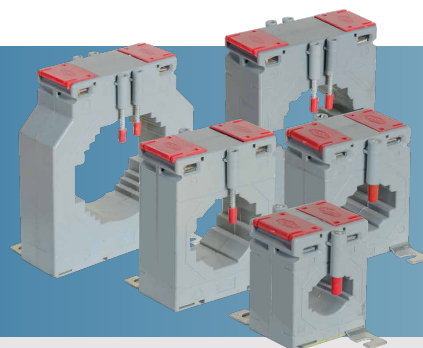
FICO HI-TECH (PVT) LIMITED

power of applied intelligence



Ct combination meter (0.5 cl)

INNOVATIVE TYPE CURRENT TRANSFORMER (ILC SERIES) (100A - 3000A, 0.5 CL)



Rather than using silicon steel core, we use nano-crystalline core especially in lower ratio:



The advantage of using this core is we can achieve 0.5 cl, whereas in market even european brands do not offer 0.5 cl in lower ratio.

The ct in combination with meter gives the most accurate results.

In pakistan markets it normally happens we don't look into the accuracy of meter, rather focus on the accuracy of ct.

■ WIRING DIAGRAM



- 0.5 cl ct and 0.5 cl meter = Accuracy class is 0.5
- 0.5 cl ct and 1 cl meter = Accuracy class is 1
- 1 cl ct and 1 cl meter = Accuracy class is 1
- 1 cl ct and 0.5 cl meter = Accuracy class is 1

KEMA APPROVED DESIGN



DIGITAL PANEL METER (AMMETER, VOLTMETER) SIZE - 96X96, 72X72, 48X48, 96X48 SINGLE PHASE, 3 PHASE

Below table shows the output current on meter with different accuracy & class.

CURRENT	FOR IDEAL ACCURACY CT & METER	FOR 0.5 ACCURACY CLASS CT & METER	FOR 1 ACCURACY CLASS CT & METER
FOR 100A LOAD	100A±0A	99.6A~99.9A	98.4A~98.8A
FOR 1000A LOAD	1000A±0A	996A~999A	984A~992A
FOR 10000A LOAD	10000A±0A	9960A~9990A	9840A~9920A

- 4th digit display 1~9 compared to 3 1/2 digit display of other meters (0-5)
- 0.5 class accuracy
- New easy installation (clip mounting).



- LED display height 14mm / 7 segment digit
- Password operated
- Compact size (35mm depth)
- True rms value in voltage & current.

BACK VIEW



SIDE VIEW



Technologised from Germany Assembled in Pakistan

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