

# TDL103

Measurement and Recording Electrical parameters of power systems



Measure and display Line , phase , average and Null voltages

Measure and display phase , average and Null currents

Measure and display phase and total , active and reactive powers

Measure and display phase power factor

Measure and display phase voltage and current THDs

Measure and display frequency

Measure and display temperature

Measure parameters in True RMS

Four tariff active and reactive counter with tariff time setting capability

Record Max. and Min. value of all parameters including time and date

Record Max. and Min. value of all parameters for loading mechanism daily

Record all parameters while voltage altering more than 10%

Support systems up to 400 KV

Support CT up to 5000 A

Capability to operate with 2 or 3 PTs

Capability to operate with 2 or 3 CTs

Record all parameters for more than 2 years with one hour period

Record values timely unlimited and without the need of a battery

Setting record period from 1 min to 1 hour

Day light saving option

Software calibration


Download data on MMC (Multimedia cards)

RS485 port supporting MODBUS protocol

Safe voltage input and isolated current

Graphical windows based software for power consumption management

Dimensions : 96 × 96 × 110 mm

 **MASHHAD TADBIR**  
Design & engineering Co.

P.O. Box: 91375-3381  
Tel: +98 511 6068499  
Fax: +98 511 6070058  
[www.mashhadtadbir.com](http://www.mashhadtadbir.com)