

WHILE STOCKS LAST

NETWORK ANALYSER



Size:
96 x 96mm
5A CT-Driven



MPR-63



EPM-07S



MPR-53



MPR-53S



MPR-53CS-96

Measured Parameters	MPR-63	MPR-63-42	EMR-07-96	EMR-07S-96	EMR-53-96	EMR-53S-96	EMR-53CS-96
Voltage (L-L)(L-N)	✓	✓	✓	✓	✓	✓	✓
Avg. Voltage (L-L)(L-N)	✓	✓	✓	✓	✓	✓	✓
Currents (IL) (IN)(ΣI)	✓	✓	✓	✓	✓	✓	✓
Cosφ	✓	✓	✓	✓	✓	✓	✓
Frequency (Hz)	✓	✓	✓	✓	✓	✓	✓
Powers (P)(Q)(S)(ΣP)(ΣQ)(ΣS)	✓	✓	✓	✓	✓	✓	✓
Power Factor (PF)	✓	✓	✓	✓	✓	✓	✓
Active/Reactive Energy-Import/Export (Wh/VarH)	✓	✓	✓	✓	✓	✓	✓
Max / Min Values	✓	✓	✓	✓	✓	✓	✓
Features							
% THD-I, THD-V	✓	✓			✓	✓	✓
2nd-31st Harmonics	✓	✓					
Alarm Contact	✓	✓					✓
Digital Input		✓	✓	✓	✓	✓	✓
Energy Pulse Output	✓		✓	✓	✓	✓	✓
RS-485 Comm	✓	✓		✓		✓	✓
0(4)-20mA Output		✓ (x2)					
Memory	✓	✓					
Real Time Clock	✓	✓					
Type Display	LCD	LCD	LED	LED	LED	LED	LED
Dual Energy Meter			✓	✓	✓	✓	✓
6 Diff. Calc. Methods			✓	✓	✓	✓	✓
/5A Ct-Driven	✓	✓	✓	✓	✓	✓	✓
Pulse Counter							✓
Supply Voltage	85-265VAC/DC, 50/60Hz			230VAC ±10%, 45-65Hz			
Size				96mm x 96mm			

NEW

POWER QUALITY NETWORK ANALYSER



Class A Power Quality Analyser - Provides measurement of electrical parameters according to EN 61000-4-30 Class A standard and monitoring of energy quality according to EN 50160 standard in LV and MV systems. It monitors and analyzes the quality of energies on the distribution and consumption side of the network according to EN 50160 in order to detect the problems in the system.

Code	EMK-01
Power Measurement	3xV/I , Hz, W, VAR, VA, ΣP/Q/S, kWh, kVarh, Max., Min., cosφ
Voltage Measurement	2-600VAC(L-N), 4-1000 VAC(L-L)
Current Measurement	Inputs : 5A/1A
Active Energy Class	0.2S
Sampling Frequency	40kHz
THD	65th harmonics
Display	TFT graphical display
Internal Memory	1GB flash
Communication	RS485/Ethernet/USB
Protocols	Modbus RTU, Modbus TCP, SNTP, HTTP, FTP, E-mail
I/O ports	2 adjustable input/outputs
Grid types	TN, TT, IT
Temperature Sensor Input	NTC sensor (included)
Power Supply	230VAC
Dimensions	144 x 144 x 75mm

Features

- Measurement of short term and long term flicker according to EN61000-4-15 standard.
- Detection and record of transients (>25µS)
- Detection and record of interruption and Sag & Swell events(10µS)
- Measurement of harmonics and inter-harmonics (VLN, VLL, I) according to EN 61000-4-7 standard

INSTRUMENTS & TELEMETRY

