

# E/NTES



## MPR-26S-21-0,5 Network Analyzer

MPR-2 Series DIN type network analyzers are designed for detailed measurement and analysis of electrical parameters. Real-time monitoring is supported via LCD screen.

MPR-26S-21-0,5 is unique in MPR-2 series with Active Energy Class 0,5 and measurement individual harmonics up to 51th

- DIN rail mounting
- 2,1 inch segment LCD
- Class 0,5 accuracy for active energy
- Detailed measurement up to 51 harmonics
- RS-485 MODBUS RTU communication
- Current/voltage unbalance measurement
- Detection of connection errors and etc.



## SPECIFICATIONS

<b>MPR-26S-21-0,5</b>	
<b>ENCLOSURE</b>	
Dimensions	DIN4 Rail Mounting
Protection Class	Terminals = IP20, Enclosure Protection Class = IP40
Display	2,1 inch LCD screen
<b>MEASUREMENTS</b>	
<b>Voltage</b>	
Measurement Range	10-300 VAC (L-N) 10-480 VAC (L-L)
Measurement Range with Transformer	10V – 999.9kV
Accuracy	0.2% ± 1 Digit
Input Impedance	>1M Ω
Burden (Input Load)	<0,5 VA
<b>Current</b>	
Nominal Current	In : 5A / 1A
Minimum Current	5 mA
Measurement Range	50 mA - 5,5 A Accuracy : 0.2% ± 1 Digit
Measurement Range with Transformer	50 mA -10000 A
Burden	<1 VA
Overload Current	1,2 In continuous
Short Time Overload (1s)	10xIn
<b>Power/Energy</b>	
Active Power	0 - 1 GW Accuracy: %0,5 ± 1 Digit
Reactive Power	0 - 1 GVAr Accuracy: %1 ± 1 Digit
Apparent Power	0 - 1 GVA Accuracy: %1 ± 1 Digit
Power Factor	±1.00 Accuracy: ± 0,02
Active Energy	0 - 99 999 999 kWh or MWh Accuracy: 0,5% - Class 0,5
Reactive Energy	0 - 99 999 999 kVArh or MVArh Accuracy: 1% - Class 1
Total Harmonic Distortion (THD)	THD V%, THD I%
Individual Harmonics	1-51 Voltage (V) and Current (I)
Demand Period	1,5,10,15,20,30,60 min.
Frequency	45-65 Hz
Sampling Rate	128
<b>SUPPLY</b>	
Operating Voltage	95-270 VAC/DC
Operating Frequency	50/60 Hz
Power Consumption	<5 VA
<b>DIGITAL INPUT / OUTPUT</b>	
Digital Input Pulse Width	20 – 500 ms (Adjustable)
Digital Input Operating Voltage	5 ...30 VAC/DC
Switching Current	Max 50mA
<b>ANALOG OUTPUT</b>	
Current Output	-
Voltage Output	-
<b>RELAY OUTPUT</b>	
Relay Output	1 NO Contact, 250 VAC/5A
<b>MEMORY</b>	
Internal Memory Size	4MB
<b>COMMUNICATION</b>	
Communication Interface/Protocol	RS 485 / MODBUS RTU
Transfer Speed	2400-115200
<b>AMBIENT CONDITIONS</b>	
Operating Temperature	-10 / +70° C
Storage Temperature	- 20 / +80 °C
Overvoltage Category	III
Pollution Degree	II
Ambient Humidity	95%
<b>STANDARDS</b>	
Standards	EN 61557-12, EN 61326-1, EN 61000-6-2, EN 61000-6-3, EN 61000-6-4 EN 62053, EN 60068, EN 61010
<b>CONNECTIONS</b>	
Mounting	Rail Mounting
Connection Terminals	Screw Terminal
Connection Types	3P4W, 3P3W, 3 Phase Aron, 3P4W Balanced, 3P3W Balanced

## HEADQUARTERS

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