## MPR-1 Series



## MPR-1 Series Power Analyzer

MPR-1 Series DIN type power analyzers have been designed for the purpose of measurement of electrical parameters at machines and wall boxes. With its screen-free design it is a measurement device suitable for power monitoring software.

MPR-1 Series

## PRODUCT SELECTION

 TABLEProduct Code

|  | $\begin{aligned} & \overline{\text { 목 }} \\ & \stackrel{\text { ® }}{2} \end{aligned}$ | $\begin{aligned} & > \\ & \text { 모 } \\ & \text { 운 } \end{aligned}$ |  | $$ |  |  |  |  |  |  |  | $\begin{aligned} & \bar{x} \\ & \underset{\sim}{x} \end{aligned}$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| DIN4 |  |  |  | - |  |  |  |  | 128 |  |  | - | - |
| DIN4 | $\bigcirc$ | - |  | - | 2 | 2 |  |  | 128 | 4 MB |  | - | - |
| DIN4 | - | - | 51 | - | 2 |  |  | 1 | 128 | 4 MB | $\bigcirc$ | . | - |
| DIN4 | - | - | 51 | - | 2 | 2 | 1 |  | 128 | 4MB | - | - | - |

## Remote Monitoring Software:

With the energy management software developed by ENTES, energy consumption and quality can be monitored in real time by reading the values measured by devices. As a result, comprehensive energy monitoring and data storage is provided.
With the analysis of stored data, improvements in energy costs and sustainable savings are accomplished.

## entbus

| MPR-14-S | DIN4 |  |  |  | - |  |  |  |  | 128 |  |  | - | - |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| MPR-15S-22 | DIN4 | - | - |  | - | 2 | 2 |  |  | 128 | 4 MB |  | - | - |
| MPR-16S-21 | DIN4 | - | - | 51 | - | 2 |  |  | 1 | 128 | 4 MB | - | - | - |
| MPR-17S-23 | DIN4 | - | - | 51 | - | 2 | 2 | 1 |  | 128 | 4MB | - | - | - |



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## Network Analyzers

MPR-1 Series

MEASURED PARAMETERS

| MEASURED PARAMETERS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Phase - Neutral Voltages (VLN) | Neutral Current (In) | Active Power (P) |  | Active Energy Import (kWh or MWh) |
| Phase - Phase Voltages (VLL) | Total Current (미) | Reactive Power (Q) |  | Active Energy Export (kWh or MWh) |
| Average Phase-Neutral Voltage | Power Factor (P.F) | Apparent Power (S) |  | Reactive Energy Capacitive (kVArh or MVArh) |
| Average Phase-Phase Voltage | $\operatorname{Cos} \square$ | Total Active Power (םP) |  | Reactive Energy Inductive (kVArh or MVArh) |
| Max. Demand | Frequency (Hz) | Total Reactive Power (LQ) |  | Apparent Energy (kVAh or MVAh) |
| Phase Currents (IL) | Max. / Min. Values | Total Apparent Power (ロS) |  |  |
| MPR-14S |  |  |  |  |
| $1$ |  |  |  |  |
| Total Harmonic Distortion for Voltage (THD-V) |  | Total Harmonic Distortion for Current (THD-I) |  |  |
| MPR-15S-22 |  |  |  |  |
| $1$ |  |  |  |  |
| Voltage / Curren Unbalances | $1-51^{\text {st }}$ Individual Voltage Harmonics |  | 1-51 ${ }^{\text {st }}$ Individual Current Harmonics |  |

Connection Diagram DIN4 - MPR-1 Series


## Network Analyzers

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## SPECIFICATIONS




[^0]:    * For more detailed information, see Page 84.

