



**Modern, Stylish, Reliable**

## EMR-07 & EMR-53 Series Network Analyzers

### Slim&Compact Design

Only 45mm depth,  
IP51 protection class

### Ghost Display

Clear and visible display

### Best User Experience

Easy to use with functional navigator  
design with 4 universal buttons

### Individual harmonics up to 31st

Detailed harmonic measurement

### IoT Compatible

Instant monitoring and remote  
configuration via ENTES.NET  
Log record (2MB internal mermory)\*

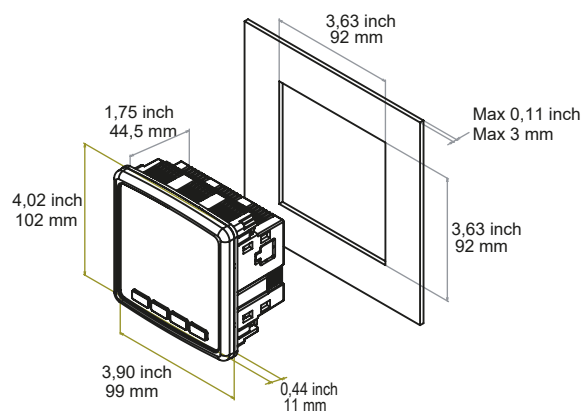
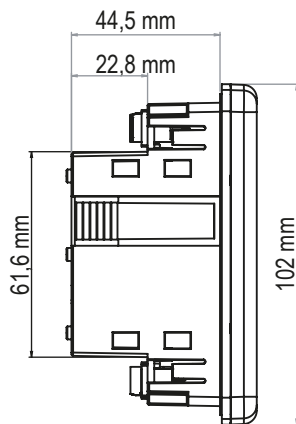
### Effective Alarm Management

Flexible alarm configurations, DI/DO  
and alarm contact output\*

\*Optional based on the device model



|                           | EMR-07                                                                                                                           | EMR-07L | EMR-07S | EMR-07SL | EMR-53 | EMR-53S | EMR-53L | EMR-53SL | EMR-53CS |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------|---------|----------|--------|---------|---------|----------|----------|
| ENCLOSURE                 |                                                                                                                                  |         |         |          |        |         |         |          |          |
| Dimensions                | 96x96x44,5 mm                                                                                                                    |         |         |          |        |         |         |          |          |
| Protection Class          | Protection class Inside panel: IP20<br>Protection class Outside panel: IP51                                                      |         |         |          |        |         |         |          |          |
| Display                   | 4x4 LED Display                                                                                                                  |         |         |          |        |         |         |          |          |
| MEASUREMENT               |                                                                                                                                  |         |         |          |        |         |         |          |          |
| Voltage                   |                                                                                                                                  |         |         |          |        |         |         |          |          |
| Measurement Range         | Up to 300 VAC(VLN) /480 VAC(VLL)                                                                                                 |         |         |          |        |         |         |          |          |
| Accuracy                  | 1%                                                                                                                               |         |         |          |        |         |         |          |          |
| CURRENT                   |                                                                                                                                  |         |         |          |        |         |         |          |          |
| Measurement Range         | 0,05-5,5 A                                                                                                                       |         |         |          |        |         |         |          |          |
| Accuracy                  | 1%                                                                                                                               |         |         |          |        |         |         |          |          |
| Frequency                 |                                                                                                                                  |         |         |          |        |         |         |          |          |
| Accuracy                  | ±0.02 Hz                                                                                                                         |         |         |          |        |         |         |          |          |
| Cosφ                      |                                                                                                                                  |         |         |          |        |         |         |          |          |
| Accuracy                  | ± 0.02                                                                                                                           |         |         |          |        |         |         |          |          |
| Power                     |                                                                                                                                  |         |         |          |        |         |         |          |          |
| Accuracy                  | 1%                                                                                                                               |         |         |          |        |         |         |          |          |
| Energy                    |                                                                                                                                  |         |         |          |        |         |         |          |          |
| Accuracy                  | 1%                                                                                                                               |         |         |          |        |         |         |          |          |
| Harmonics                 |                                                                                                                                  |         |         |          |        |         |         |          |          |
| THD V/I                   | X                                                                                                                                |         |         |          | √      |         |         |          |          |
| Individual                | X                                                                                                                                |         |         |          | 15     | 31      |         |          |          |
| SUPPLY                    |                                                                                                                                  |         |         |          |        |         |         |          |          |
| Operating Voltage         | 100-270 VAC/DC (-15%+10%)                                                                                                        |         |         |          |        |         |         |          |          |
| Operating Frequency       | 50-60 Hz                                                                                                                         |         |         |          |        |         |         |          |          |
| OUTPUT STRUCTURE          |                                                                                                                                  |         |         |          |        |         |         |          |          |
| Run Hour Meter            | X                                                                                                                                | √       |         |          | X      | √       | X       | √        | √        |
| Contact Output (Optional) |                                                                                                                                  |         |         |          | X      | 2       |         |          |          |
| Digital Input             | 2                                                                                                                                |         |         |          |        |         |         |          |          |
| Digital Output            | 2                                                                                                                                |         |         |          |        |         |         |          |          |
| Memory                    |                                                                                                                                  |         |         |          |        |         |         |          |          |
| Internal Memory           | X                                                                                                                                | 2MB     | X       |          |        | 2MB     | X       |          | 2MB      |
| COMMUNICATION             |                                                                                                                                  |         |         |          |        |         |         |          |          |
| Communicaton Protocol     | X                                                                                                                                | √       | √       | X        | √      | X       | √       |          |          |
| AMBIENT CONDITIONS        |                                                                                                                                  |         |         |          |        |         |         |          |          |
| Operating Temperature     | -20+70°C                                                                                                                         |         |         |          |        |         |         |          |          |
| Storing Temperature       | -30+80°C                                                                                                                         |         |         |          |        |         |         |          |          |
| Max Humidity              | %95                                                                                                                              |         |         |          |        |         |         |          |          |
| IP Protection             | IP 51                                                                                                                            |         |         |          |        |         |         |          |          |
| STANDARDS                 |                                                                                                                                  |         |         |          |        |         |         |          |          |
|                           | EN 61326,61000-6-4,61000-6-2 emc<br>EN 61010-1 Safety<br>EN 60529 Mechanical<br>EN 60068-2-1,60068-2-2 ,60068-2-30 Environmental |         |         |          |        |         |         |          |          |
| CONNECTIONS               |                                                                                                                                  |         |         |          |        |         |         |          |          |
| Mounting                  | Front Panel Mounting                                                                                                             |         |         |          |        |         |         |          |          |
| Connection terminals      | Screw Terminal with Socket                                                                                                       |         |         |          |        |         |         |          |          |
| Connection types          | 3P3W, 3P4W, Aron, 3P3W(B), 3P4W(B)                                                                                               |         |         |          |        |         |         |          |          |



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