

PIC144A 230 V



PIC144A 230 V, Phasemeter

Code: M13642. DESCATALOGADO

- > Scale: 360°, P1
- > System: Single-phase
- > Accuracy: 1,5
- > Measurement Range (V): 230
- > Modules: 144x144

Description

- Does not need an auxiliary power supply
- DIN box with dimensions 96 and 144.
- Class 1.5
- Balanced and unbalanced single and three-phase circuits.
- 4 quadrants

Application

Measurement of $\cos\phi$ in balanced or unbalanced single and three-phase circuits.



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Phasemeters

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Specifications

Mechanical characteristics

| | |
|----------------------------------|----------------------|
| Size (mm) width x height x depth | 144 x 144 x 102 (mm) |
| Fastening | Panel |
| Weight (kg) | 1,96 |

Environmental characteristics

| | |
|---------------------|---|
| Protection class | Panel: IP 52 (Front), IP 00 (Terminals) |
| Storage temperature | -25...+40 °C |
| Working temperature | +10 ... +30 °C |

Standards

| | |
|---------------------------------------|---|
| Certifications | CE, UL |
| Electrical safety, Maximum height (m) | 2000 |
| Standards | BS 89, UNE-EN 60051, IEC 144, UL 94, DIN 43780, IEC 51, UNE 21318 |

Current measurement circuit

| | |
|----------------------|--|
| Consumption | 4 VA |
| Sampling frequency | 20 ... 100 Hz |
| Nominal current (In) | ... 5 A |
| Allowable overload | 1,2 In permanent / 5 In during 30s / 10 In during 5s / 40 In during 1s |

Voltage measurement circuit

| | |
|--------------------|-------------------------------------|
| Consumption | 5 VA |
| Sampling frequency | 49,5 ... 50,5 Hz / 59,4 ... 60,6 Hz |

Electrical characteristics

| | |
|-----------------------------|--|
| Insulation voltage, circuit | 2 kV a 50 Hz <1 min entre mecanismo y caja |
|-----------------------------|--|

Measurement accuracy

| | |
|----------|------------|
| Accuracy | ± 1,5 % FE |
|----------|------------|

Current range: 0.1 to 1.2 In. For the connection of transformers .../5A.

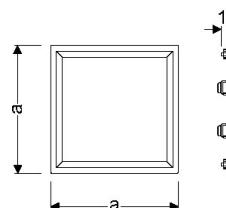
PIC144A 230 V



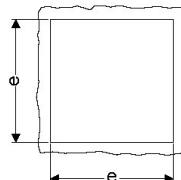
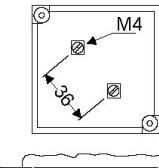
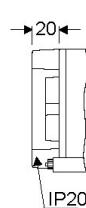
Phasemeters

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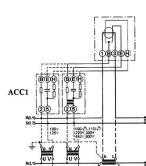
Dimensions



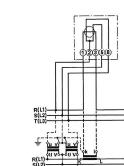
| | a | b | c | d | e |
|-----|-----|-----|------|-----|--------------------|
| 96 | 96 | 91 | 95,5 | 5,7 | 92 ^{+0,8} |
| 144 | 144 | 137 | 64,5 | 7,3 | 138 ⁺¹ |



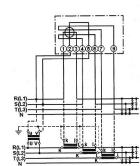
Connections



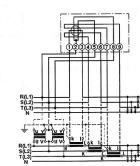
PIC 96A
PIC 144A



PIC 96B
PIC 144B



PIC 96C
PIC 144C



PIC 96E
PIC 144E