

## PIC144E 110V



PIC144E 110V, Phasemeter

Code: M13647. DESCATALOGADO

- > Scale: 360°, P1
- > System: Unbalanced three-phase
- > Accuracy: 1,5
- > Measurement Range (V): 110
- > 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.



## PIC144E 110V

### Phasemeters

Code: M13647.

## Specifications

### Mechanical characteristics

Size (mm) width x height x depth	144 x 144 x 102 (mm)
Fastening	Panel
Weight (kg)	1,46

### 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	2,5 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	15 mA
Sampling frequency	45 ... 55 Hz / 54 .... 66 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.

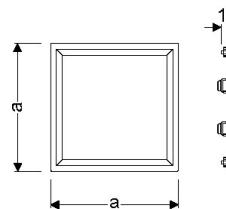
## PIC144E 110V



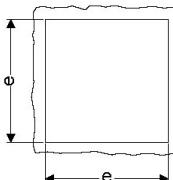
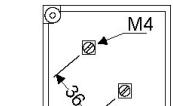
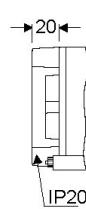
### Phasemeters

Code: M13647.

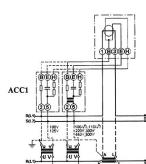
#### Dimensions



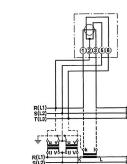
	a	b	c	d	e
96	96	91	95,5	5,7	92 <sup>+0,8</sup>
144	144	137	64,5	7,3	138 <sup>+1</sup>



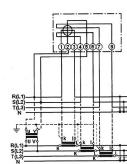
#### Connections



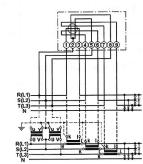
PIC 96A  
PIC 144A



PIC 96B  
PIC 144B



PIC 96C  
PIC 144C



PIC 96E  
PIC 144E