



PIC144E 230V

PIC144E 230V, Phasemeter

Code: M13648. DESCATALOGADO

- > Scale: 360°, P1
- > System: Unbalanced three-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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Specifications

Mechanical characteristics

Size (mm) width x height x depth	144 x 144 x 102 (mm)
Fastening	Panel
Weight (kg)	1,41

Environmental characteristics

Protection class	Panel: IP 52 (Front), IP 00 (Terminals)
Storage temperature	-25...+40 °C
Operating 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
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Measurement accuracy

Accuracy	± 1,5 % FE
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PIC
Induction phasemeters

CODE	TYPE	Scale	Accuracy	Modules
Single-phase				
M13631.	PIC96A 110 V	360°, P1	1,5	96x96
M13632.	PIC96A 230 V	360°, P1	1,5	96x96



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CODE	TYPE	Scale	Accuracy	Modules
M13633.	PIC96A 400 V	360°, P1	1,5	96x96
M13641.	PIC144A 110 V	360°, P1	1,5	144x144
M13642.	PIC144A 230 V	360°, P1	1,5	144x144
M13643.	PIC144A 400 V	360°, P1	1,5	144x144
Balanced three-phase				
M13634.	PIC96B 110 V	360°, P1	1,5	96x96
M13635.	PIC96B 230 V	360°, P1	1,5	96x96
M13636.	PIC96B 400 V	360°, P1	1,5	96x96
M13644.	PIC144B 110 V	360°, P1	1,5	144x144
M13645.	PIC144B 230 V	360°, P1	1,5	144x144
M13646.	PIC144B 400 V	360°, P1	1,5	144x144
Unbalanced three-phase				
M13637.	PIC96E 110 V	360°, P1	1,5	96x96
M13638.	PIC96E 230 V	360°, P1	1,5	96x96
M13639.	PIC96E 400V	360°, P1	1,5	96x96
M13647.	PIC144E 110V	360°, P1	1,5	144x144
M13648.	PIC144E 230V	360°, P1	1,5	144x144
M13649.	PIC144E 400V	360°, P1	1,5	144x144

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

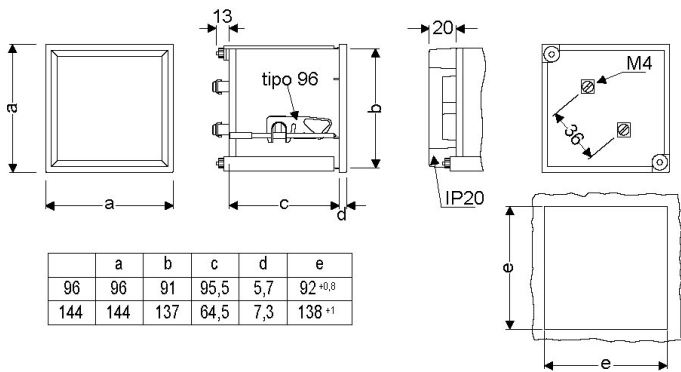


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Dimensions



Connections

