



FMZ144 440V, Phasemeter

Code: M13547. DESCATALOGADO

> Scale: 240° P1

> System: Single-phase

> Accuracy: 1,5

> Measurement Range (V): 440

> Modules: 144x144

## Description

- O Does not need an auxiliary power supply
- o DIN box with dimensions 96 and 144 mm.
- o Precision class 1,5
- o Built-in electronic converter
- o Balanced single and three-phase circuits

### **Application**

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







Phasemeters

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## **Specifications**

Mechanical characteristics			
Size (mm) width x height x depth	144 x 144 x 71.8 (mm)		
Fastening	Panel		
Weight (kg)	0,66		
Environmental characteristics			
Protection class	Panel: IP 52 (Front), IP 00 (Terminals)		
Storage temperature	-25+40 °C		
Working temperature	+10 +30 °C		
Standards			
Certifications	UL		
Electrical safety, Maximum height (m)	2000		
Standards	BS 89, UNE-EN 60051, IEC 144, UL94, DIN 43780, IEC 51, UNE 21318		
Current measurement circuit			
Consumption	0,75 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		
/oltage measurement circuit			
Consumption	4 VA		
Sampling frequency	40 70 Hz		
Maximum permanent measurement voltage	1,2 Vn permanent rated voltage / 2 Vn during 5s		
Electrical characteristics			
Insulation voltage, circuit	2 kV, 50 Hz, 1 min entre mecanismo y caja		
Measurement accuracy			
Accuracy	± 1,5 % FE		
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#### FMZ / FTC

Single phase and three-phase 240° electronic phase-meters

CODE	TYPE	Scale	Accuracy	Modules	
Single-phase					
M13537.	FMZ96 440V	240° P1	1,5	96x96	







Phasemeters

Code: M13547.

Current range: 0.1 to 1.2 In. For the connection of transformers .../5A. Built-in electronic transducer.







Phasemeters

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Connections Dimensions



