



FMZ144 440V

FMZ144 440V, Fasímetre electrònic 240° monofàsic, panell 144x144

Code: M13547. DESCATALOGADO

- > Escala: 240° P1
- > Sistema: Monofàsics
- > Precisió: 1,5
- > Rang mesura (V): 440
- > Mòduls: 144x144

Descripció

- No necessiten alimentació auxiliar.
- Caixes DIN de dimensions 96 i 144 mm.
- Classe de precisió 1,5
- Convertidor electrònic incorporat
- Circuits monofàsics i trifàsics equilibrats.

Aplicació

Per a la mesura del $\cos\phi$ en circuits monofàsics i trifàsics equilibrats o desequilibrats.



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Especificacions

Mechanical characteristics

Size (mm) width x height x depth	144 x 144 x 71.8 (mm)
Fastening	Panell
Weight (kg)	0,66

Environmental characteristics

Protection class	Panell: IP 52 (Frontal), IP 00 (Terminals)
Storage temperature	-25...+40 °C
Operating 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 durant 30s / 10 In durant 5s / 40 In durant 1s

Voltage measurement circuit

Consumption	4 VA
Sampling frequency	40 ... 70 Hz
Maximum permanent measurement voltage	1,2 Vn permanent / 2 Vn durant 5s

Electrical characteristics

Insulation voltage, circuit	2 kV, 50 Hz, 1 min entre mecanismo y caja
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Measurement accuracy

Accuracy	± 1,5 % FE
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FMZ / FTC
Fasímetres 90°

CODI	TIPUS	Escala	Precisió	Mòduls
Single-phase				
M13531.	FMZ96 100/√3	240° P1	1,5	96x96



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CODI	TIPUS	Escala	Precisió	Mòduls
M13532.	FMZ96 110 /√3	240° P1	1,5	96x96
M13533.	FMZ96 100V	240° P1	1,5	96x96
M13534.	FMZ96 110V	240° P1	1,5	96x96
M13535.	FMZ96 230 V	240° P1	1,5	96x96
M13536.	FMZ96 400V	240° P1	1,5	96x96
M13537.	FMZ96 440V	240° P1	1,5	96x96
M13538.	FMZ96 500V	240° P1	1,5	96x96
M13541.	FMZ144 100 /√3	240° P1	1,5	144x144
M13542.	FMZ144 110 /√3	240° P1	1,5	144x144
M13543.	FMZ144 100V	240° P1	1,5	144x144
M13544.	FMZ144 110V	240° P1	1,5	144x144
M13545.	FMZ144 230V	240° P1	1,5	144x144
M13546.	FMZ144 400V	240° P1	1,5	144x144
M13547.	FMZ144 440V	240° P1	1,5	144x144
M13548.	FMZ144 500V	240° P1	1,5	144x144
Balanced three-phase				
M1353C.	FTZ96 100V	240° P1	1,5	96x96
M1353D.	FTZ96 110V	240° P1	1,5	96x96
M1353E.	FTZ96 230V	240° P1	1,5	96x96
M1353F.	FTZ96 400V	240° P1	1,5	96x96
M1353G.	FTZ96 440V	240° P1	1,5	96x96
M1353H.	FTZ96 500V	240° P1	1,5	96x96
M1354C.	FTZ144 100V	240° P1	1,5	144x144
M1354D.	FTZ144 110V	240° P1	1,5	144x144
M1354E.	FTZ144 230V	240° P1	1,5	144x144
M1354F.	FTZ144 400V	240° P1	1,5	144x144
M1354G.	FTZ144 440V	240° P1	1,5	144x144
M1354H.	FTZ144 500V	240° P1	1,5	144x144

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



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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

