

ANALOGUE MEASURING INSTRUMENTS

EPA...n - Power factor meter



- For alternating current 50 or 60 Hz
- Class 1.5
- Scale 240°

Description

The EPA are used for power factor ($\cos \phi$) measurement. There are versions for single-phase and three-phase AC, for balanced, neutral. The frequency is 50 or 60 Hz. They embody a moving-coil movement with electronic transducer. All of them are equipped with eddy-current damping, pivot suspension and spring-loaded jewel bearings for vibration and shock resistance.

Scales

Non-linear 240° scales. Coarse-fine division. The EPA can be furnished with scales covering phase angle spans from 90 up to 260 electric degrees.

Standard scale execution:

- cap. 0,5-1-0,5 ind.
- cap. 0,8-1-0,3 ind.
- cap. 0,8-1-0,8 ind.

Technical Features

Front frame (mm)	96 x 96	
Scale length (mm)	142	
Voltage U (V)	Current I (A)	Type
Single-phase AC	~	EPA 96n/1
57,7 - 100 - 110 - 120	5	●
220 - 230 240	1	●
380 - 400		
440 - 500		
Three-phase AC, balanced load	≡	EPA 96n/2
57,7 - 100 - 110 - 120	5	●
220 - 230 240	1	●
380 - 400		
440 - 500		
Terminal cover	○	

● available ○ on request

On request: other dimensions

Connection diagrams see page 4/16.

Dimensions in mm / Weight in gramme

Type	a	c	d	e	g	h	Ø	Weight
EPA96n/1, /2	96	106	132	92 ^{+0,8}	40	5	M4	680

