



# 3 PHASE POWER FACTOR METER

PF-13

## APPLICATIONS

Electrical Control Panel

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Power Distribution

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Instrumentation Panel

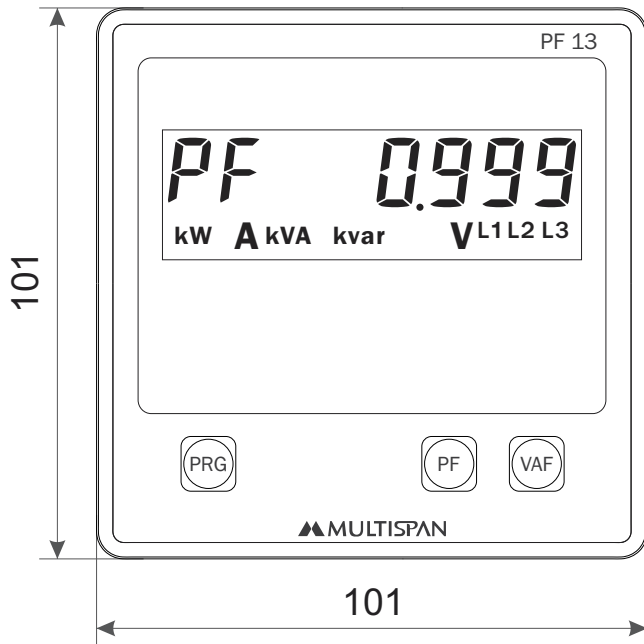
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Transformer Training

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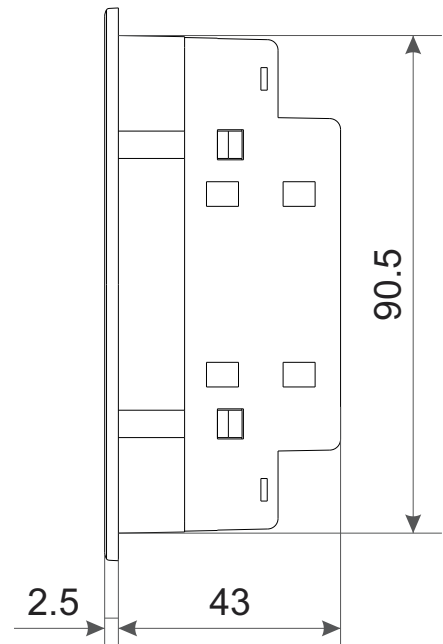
# Mechanical Dimensions

## Body Dimensions



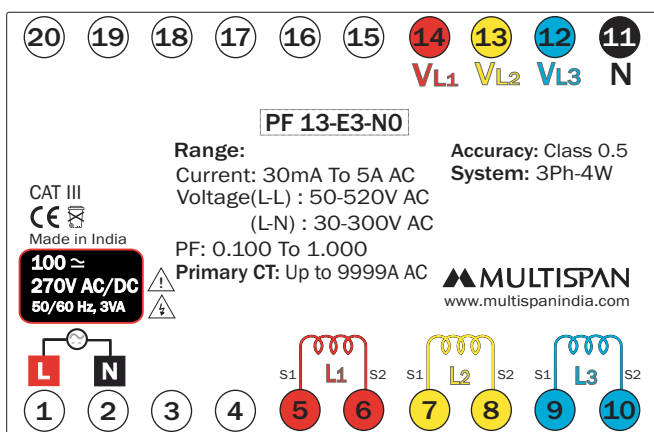
**FRONT VIEW**

All dimensions are in mm

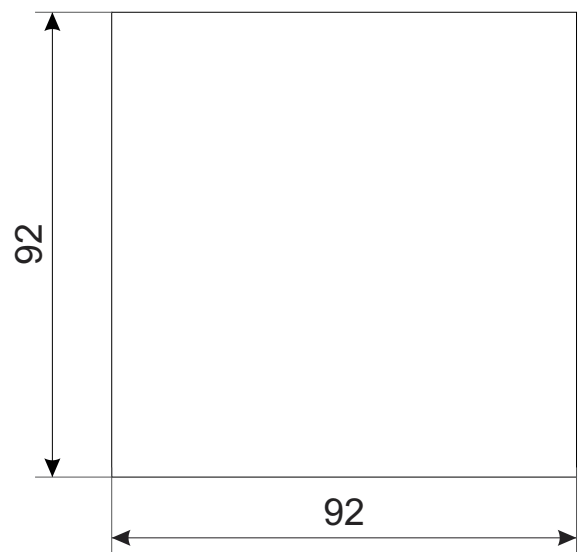


**RIGHT SIDE VIEW**


## Connection Diagram



## Panel Cutout



# TECHNICAL DATA

<b>Input</b>	<b>Voltage</b>	3 Ø 4 Wire 30 To 300V AC (L- N) 50 To 520V AC (L- L)
	<b>Current</b>	30mA To 5A AC
	<b>Specification</b>	<b>PF</b> Phase wise PF & Avg
<b>Accuracy</b>		Class 0.5
<b>Power Supply</b>		100 To 270V AC/DC, 50/60Hz, Approx 3VA
<b>Certificate</b>		

Meter Type
3Ø - 4W

Accuracy
Class 0.5

Input	
Voltage	
<b>Voltage</b>	30 To 300V ( L-N ) 50 To 520V ( L-L )
<b>Burden</b>	<0.2 VA
Current	
<b>Secondary Current</b>	5A ( Factory set )
<b>Burden</b>	<0.2 VA
<b>CT Primary</b>	5 To 9999 Programmable
<b>Starting Current</b>	30mA

Calculated Parameters
Voltage, Current, Power Factor, Frequency
Active Power Total & Phase wise
Apparent Power Total & Phase wise
Reactive Power Total & Phase wise

Display	
<b>Display</b>	8 Digit 7 Seg 0.50" Red LED Display
<b>Key</b>	PRG, PF, VAF

Auxiliary Power Supply	
<b>Power Supply</b>	100 To 270V AC/DC, 50/60Hz
<b>Consumption</b>	3VA

### Environmental Characteristics

Working Temperature	0 to 55 °C
Storage Temperature	0 to 55 °C
Relative Humidity	95% RH Non-condensing
Warm up time	5 minutes

### Mechanical Characteristics

Mounting Type	Panel Mount
Dimension (HxWxD) mm	101 x 101 x 43
Panel Cutout (HxW) mm	92 x 92
Material	Polycarbonate (PC)
Front Enclosure	ABS
Terminal Screw Size	M3.5
Screw Torque (N.m)	0.5
Wire Gauge (AWG)	26-14
Weight (Approx) gms	Unpacked : 260 Packed : 290
Accessories	1 Pair of Mounting Clamps