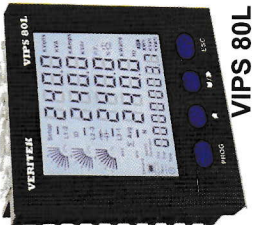


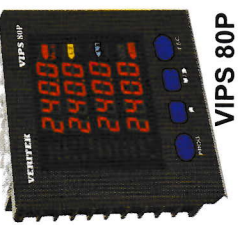


VERITEK

POWER ANALYZER



VIPS 80L



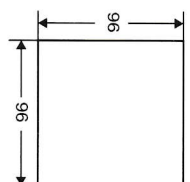
VIPS 80P

***VIPS 80LC/VIPS 80PC**

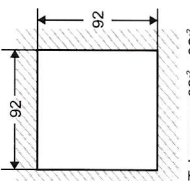
With communication

MECHANICAL DIMENSION

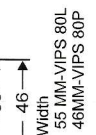
VIPS 80L/VIPS 80P



Front View



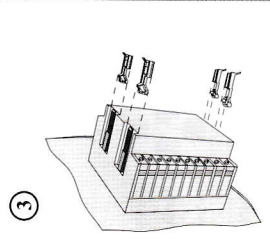
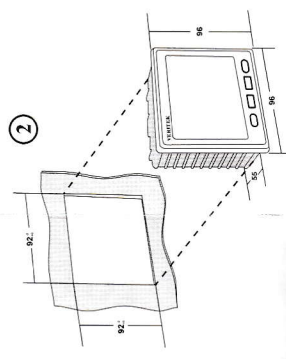
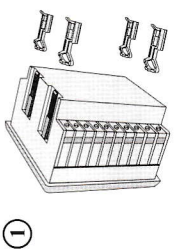
Panel Cutout



***Width
55 MM-VIPS 80L
46 MM-VIPS 80P**

MOUNTING ARRANGEMENT

VIPS 80L/VIPS 80P



TEST CERTIFICATE

Type : POWER ANALYZER

Accuracy : Class 0.5% for V & A
0.1% of FS for Hz

Accuracy Test :

VOLTAGE	CURRENT	FREQUENCY
100%	100%	100%
+/- 0.5%	+/- 0.5%	+/- 0.1%
OK	OK	OK

Power Factor	Watts	kVA
100%	100%	100%
+/- 0.5%	+/- 0.5%	+/- 0.5%
OK	OK	OK

Note :

A) For Digital Readouts the error is Computed in Counts.

- Class 1.0 = ± 1% of Full Scale ± 1 Count

- Class 0.5 = ± 0.5% of Full Scale ± 1 Count

Tested By : Mr. Dipesh



Date : 194026042

VERITEK ENGINEERING PVT. LTD.

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Email : sales@veritekindia.com | Web : www.veritekindia.com

SPECIFICATION

Input : 3 Phase 4 Wire / 1 Phase 2 Wire
: Volts - Range 10 - 300 Volts (L-N)
: Volts - Range 10 - 500 Volts (L-L)
: Amps - Range 0.015 - 6.00 Amp
Direct 60 ampere optional

Burden : 3VA Max. for Aux. Supply, 0.2VA for Voltage & Current input

Aux. Supply : 90 - 270 VAC / DC, 50/60 Hz

Display : 4x4 Line, 8x1 Line LCD Display with Bar Graph For VIPS 80L
: 4 Line 4Digit UltraBrightLED Display Module For VIPS 80P

Computation : True RMS

Relay Contact : 4 Potential free Contact (COM & NO) (Optional) *Only For VIPS 80LC

Contact Rating : 5Amp/230VAC/28VDC

Frequency : 45 Hz - 65 Hz

Ambient : -10 to 55°C

Storage : -20 to 75°C

Humidity : < 95% Non-Condensing

Weight : 350 gms-VIPS 80L
: 320 gms-VIPS 80P

Dimensions : 96 x 96 x 55 mm (L x W x D) For VIPS 80L
96 x 96 x 46 mm (L x W x D) For VIPS 80P

Panel Cutout : (92⁺⁰)mm x (92⁺⁰)mm

Mounting : Flush Mounting with Side Clamps.

MEASUREMENT RANGES

Volts : 10 - 300VAC (L-N)
10 - 500VAC (L-L)

Amp : 0.015A - 6.00Amp AC
Direct 60 Amps optional

Display Update : 1 Sec

Hz : 45 to 65 Hz

Resolution : 0.1 for Energy, auto ranging for other parameter.

Accuracy : + 0.5% of full scale for voltage, current, power, power factor.

Frequency : +0.1% for Hz

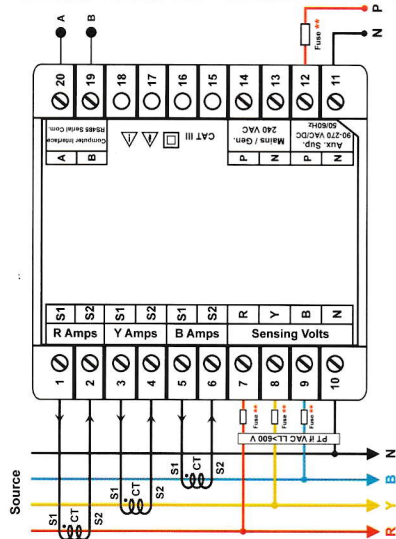
Energy : class 0.5

1) Remove the mounting clamps 2) Gently slide the Meter through the cut-out. 3) Put the mounting clamps back in the Meter.

CONNECTION DIAGRAM

Electrical Wiring / Connection Diagram

Power Analyzer - VIPS 80LC / 80PC



** Connect Fuse = 0.25 A

FEATURES

- (1) State of Art Micro controller Based Design
- (2) 4X4 Line, 8X1 Line LCD Display with Bar Graph For VIPS 80L
- 4 Line 4 Digit Ultra Bright LED Display Module For VIPS 80P
- (3) Site Programmable CT ratio (Primary & Secondary) Site Programmable PT ratio (Primary & Secondary)
- (4) True RMS Measurement
- (5) Password Protection
- (6) Maximum Demand With RTC
- (7) RS485 Computer Interface (Optional)
- (8) Harmonics (THDV, THDI)
- (9) Auto Ranging
- (10) Universal Aux. Supply
- (11) Relay contact for maximum Demand *Optional For VIPS 80LC Only NA For 80P
- (12) Kwh with 6- Time Slots
- (13) Maximum demand block / sliding window programmable
- (14) Step / forecast Demand programmable (Only In Relay Model)

