

VAT2-600-XX



Features

- Connects directly to voltages up to 600 Vac (no external PT required). 3-phase wye, delta, or single-phase.
- Compact module, plugs into the PQube®3 / PQube®3e through the current or analog terminals.
- Outstanding accuracy and frequency response (DC to 3kHz)
- Synchronous sampling of all channels up to 512 samples/cycle.

Overview

The VAT2-600 attenuator module easily plugs into the PQube 3.

Upgrade your power analyzer into a dual voltage (PQube 3) or dual power analyzer (PQube 3e).

It is ideal for monitoring of input and output voltages of UPS, voltage regulators, transformers, and other voltage mitigation equipment.

MEASUREMENT CONNECTIONS

Voltage In	V1, V2, V3, V4
Input voltage range	0 Vac to 600 Vac L-N or L-L (nominal voltage) 0 Vac to 707 Vac L-N or L-L (full scale) ± 1000 Vdc (full scale)
Voltage configurations	Single-phase (up to 3 single phase voltages with a common neutral) 3-phase 4-wire (Wye/star) or 3-wire (Delta)
Input impedance	4.8 M Ω to Earth
Voltage Out	Va, Vb, Vc, Vd
Output voltage range	0 Vac to 7.07 Vac (Differential outputs to current terminals, single ended outputs to analog terminals) ± 10 Vdc
Attenuation ratio	100:1

TECHNICAL SPECIFICATIONS

Dimensions (L x W x H)	4.21 in. X 1.64 in. X 2.38 in. (metric: 10.7 cm X 4.17 cm X 6.05 cm)
Installation	DIN rail mountable
Output top connectors	4, can be used to connect to PQube3 current inputs (dual voltage / dual power cfg)
Output bottom connectors	4, can be used to connect to PQube3 analog inputs
Accuracy ($\pm\%$ rdg $\pm\%$ FS)	$\pm 0.1\%$
Frequency response	$\pm 1\%$ magnitude accuracy (DC to 3kHz)
Overvoltage category	CAT IV at 300 Vac, CAT III at 600 Vac