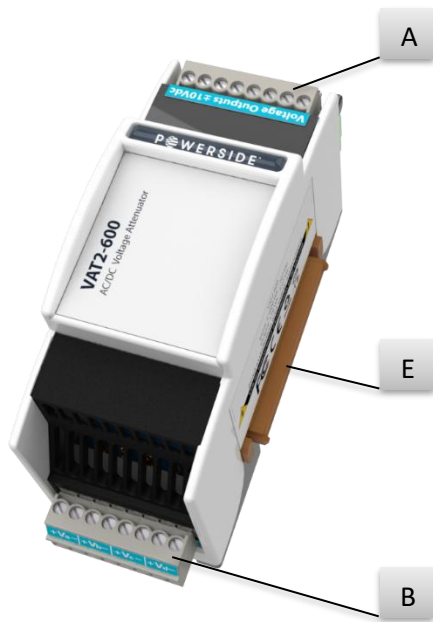


VAT2-600 Module

Three-Phase AC Voltage Attenuator for use with PQube® 3, 3e, and 3r



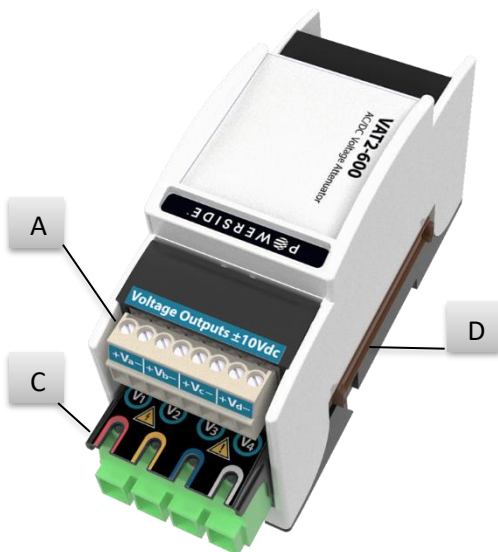
Overview

Powerside's VAT2-600 Voltage Attenuator Module is specially designed to easily upgrade a PQube® 3 Power Analyzer into a dual voltage (PQube® 3, 3r) or dual power (PQube® 3e) analyzer.

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

Features

- Connects directly to voltage up to 600 Vac (no external PT required), 3-phase wye, delta, single-phase, or ± 1000 Vdc
- Compact module plugs into the PQube® 3 / PQube® 3e through the current or analog terminals
- Outstanding accuracy and frequency response (DC to 3kHz)



Reference Table

Reference Table	
A	Voltage Output – Connector to PQube® 3's current channels (I1-I4)
B	Output Bottom Connector: Alternate Voltage Output Connector to Analog Channels
C	Green High-Voltage Connector (located below connector A)
D	Connection to additional PQube® 3 modules
E	Connection to PQube® 3



Specifications

Measurement Connections	
Number of Inputs	4 Voltage Inputs
Input Voltage Range	600 Vac nominal voltage (L-N or L-L) 707 Vac full scale (L-N or L-L) ± 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 MΩ to Earth
Number of Outputs	4 Voltage Outputs
Output Voltage Range	7.07 Vac (Differential outputs to current terminals, single-ended outputs to analog terminals) ±10 Vdc
Attenuation Ratio	100:1

Technical Specifications	
Mounting	DIN Rail (35 mm)
Output Top Connector	8-Position Voltage Output Connector to PQube® 3 Current Channels
Output Bottom Connector	Alternate 8-Position Voltage Output Connector to PQube® 3 Analog Channels
Expansion Connectors	Includes connectors for PQube® 3 connection and additional module expansion
Dimensions (L x W x H)	4.21 in X 1.64 in X 2.38 in (10.7 cm X 4.17 cm X 6.05 cm)
Accuracy (±% rdg ±% FS)	±0.1%
Frequency Response	±1% magnitude accuracy (DC to 3 kHz)
Overvoltage Category	CAT IV at 300 Vac, CAT III at 600 Vac

Order Information

VAT2-600 Module	
Product Name	Part Number
VAT2-600	VAT2-600-XXXX
Cable Note: Connects to PQube® 3 current terminals. This cable is included with the VAT2-600 module.	CABLE-VAT2-CC-00

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