



VAF 2200 Series VAF Indicator

- **VAF1, VAF3**
- **A1, A3**
- **V1, V3**
- **F**

Features

- Ultra bright 3+3+3 digit LED display with auto scaling capability
- Compact 96X96 mm DIN case flush panel mounting
- CT Programmable: 1 – 4000/1 or 5Amp
- PT Programmable: 110V – 33KV/110 or 415Volt
- True RMS, Micro-controller based measurement
- Accuracy Class 1.0
- Min / Max threshold setting of Volt/Amp/Frequency for relay operation
- Peak value storage of Volt, Amp, Frequency

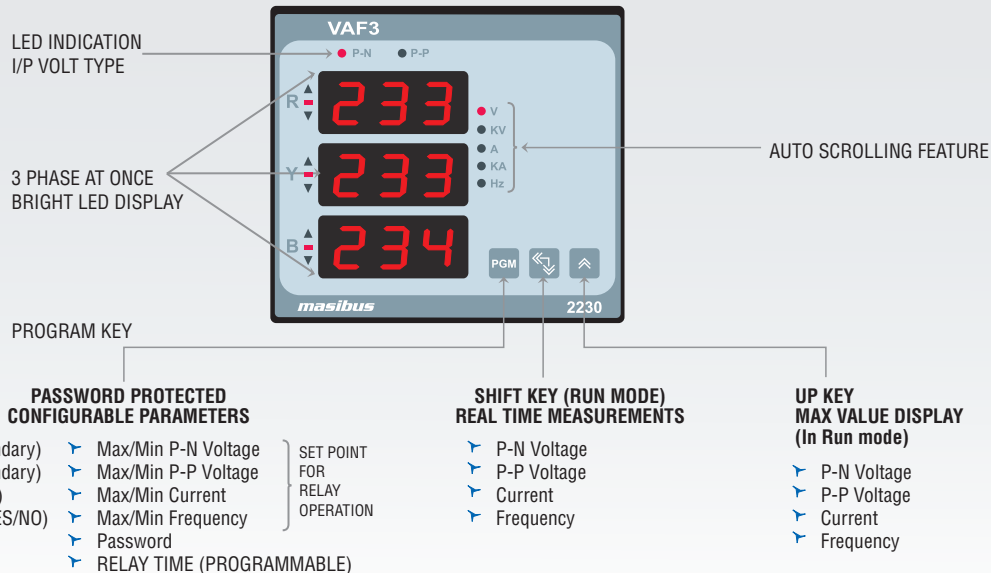
Benefits

- View 3 Parameters (Volt/Amp/Frequency) in single meter
- Password protection for setup parameters
- Easy setup through front panel keys
- Field Selectable three phase configuration

Application

- Test Benches
- Renewable Energy
- Lab Equipment
- Industrial Control Panels
- Control & Relay Panels (CRP)
- Original Equipment Manufacturer (OEMs)

User Interface



VAF Series Specification

Voltage Input:

Nominal secondary input	: 415/110 VAC (P-P)
Measurement range	: 1-Ø Measurement Direct voltage input range (10-300 VAC) 3-Ø Measurement (3-Ø, 3 wire & 4 wire) Direct Voltage Input Range 17-519 VAC
Measurement method	: True RMS
Accuracy range	: 10-300 VAC (P-N)
Accuracy	: Class 1.0
Frequency	: 50/60 Hz range +/- 5.0Hz
Burden	: 0.2VA/phase
PT ratio	: Programmable

Current Input:

Nominal secondary input	: 1A/5A AC
Measurement range	: 0-6A AC
Measurement method	: True RMS
Accuracy range	: 1%-120%
Accuracy	: Class 1.0
CT ratio	: Programmable
Resolution	: 0.01, 0.1, 1 A (depending on CT primary)
Burden	: 0.2VA/phase
Overload	: 1.2 x Nominal (Continuous)

System type

- Three phase four wire (3Ø-4w)
- Three phase three wire (3Ø-3w)
- Single phase two wire (1Ø-2w)

Display features :

1. Seven Segment
2. RED color
3. 0.56" height
4. 3digit+3digit+3digit (R/Y/B)
5. LED indication for Normal, Minimum and Maximum Value.

Accuracy

Voltage	: +/- 1% of Full Scale +/- 1count.
Current	: +/- 1% of Full Scale +/- 1count.
Frequency	: +/- 0.1Hz (> 50V i/p)

Output Relay (optional)

Type	: Volt/Amp/Frequency - SPST
Rating	: 250V, 2A (AC)
	: 30V, 2A (DC)

Auxiliary Supply:

90-270VAC, 50Hz & 120-300VDC

Firmware Feature:

1. Minimum and maximum threshold setting for Volt/Amp/Frequency for relay operation. (optional)
2. Peak value storage of Volt, Amp, Frequency.

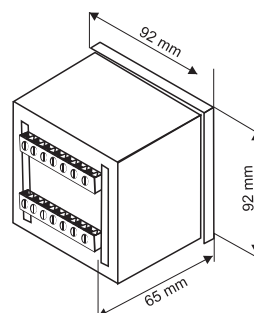
Environmental:

1. Working temperature : 0 to 55°C
2. Storage temperature : -10 to 70°C
3. Relative humidity : 30 - 95% non-condensing

Enclosure:

Mounting	: Panel mounting
Cut-Out	: 92mm x 92mm
Dimension	: 96mm x 96mm x 65mm
Accessory	: 2 Panel mount clamps

Cut out :



ORDERING CODE

Model	Phase	Parameter	Relay Output
2200	XX	X	X
	10	1-Phase	0 F* N None
	30	3-Phase	1 V Y One Relay
		2	A
		3	VAF

*It is available in 1-Phase version i.e. Order Code 2230-0 is N.A.

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