

Controllers and Measurement Equipment



Voltage, current and frequency meter



Technical Characteristics	
<ul style="list-style-type: none"> • Voltage and Current 3wire (rms) • Frequency • Timer • RPM 	
Display	Liquid cristal display with backlight (3rows of 3 digits)
Wiring input	3Ø-3wires, 3Ø-4wires, 2Ø-3wires, 1Ø-2wires,
Rated input voltage	11 to 300V AC(P-N), 19 to 519V AC (P-P)
Rated input current	5A (min:20mA, máx: 6A)
Accuracy	<ul style="list-style-type: none"> • Voltage (P-N/P-P/Average): $\pm 0.5\%$ of full scale ± 2digits • Current and average current: $\pm 1\%$ of full scale ± 2digits • Operating hour: $\pm 1\%$ • RPM: $\pm 0.5\%$ • Frequency: $\pm 0.1\text{Hz} \pm 1$ digit
CT Primary	5A to 10kA (Programmable for any value)
CT Secondary	5A (Fixed)
PT Primary	100V to 500kV (Programmable for any value)
PT Secondary	100V to 500V AC (P-P) (Programmable for any value)
Parameters	<ul style="list-style-type: none"> • Voltage (P-N/P-P) • Current (P1, P2, P3) (Individual/average) • Frequency • RPM • Operating hour
Voltage supply	230V AC $\pm 20\%$ (50/60Hz)
Physical Characteristics	
Protection class	IP54
Connector protection class	IP20
Operating temperature	-10°C +55°C
Humidity	Up to 85%
Mounting	Front panel mounting
Outline dimensions	99x99x55
Panel cutout	91.5x91.5

Code

AMPVOLT2305A000

Panel meter



Technical Characteristics

- Voltage, current, power factor, powers, energies.
- Max. power demand.
- THD up to 31 level.

Display	Liquid cristal display with backlight (3rows of 3 digits)
Wiring input	3Ø-3wires, 3Ø-4wires, 2Ø-3wires, 1Ø-2wires,
Rated input voltage	11 a 300V AC (F-N), 19 to 519V AC (F-F)
Rated input current	5A (min:20mA, máx: 6A)
Accuracy	<ul style="list-style-type: none"> • Energy: 0.001K, 0.1K, 1K, 0.01M, 0.1M, 1M (Depending on CTxPT relation) • Power, voltage, current: automatic resolution. • Power factor: 0.01.
CT Primary	1/5A to 10kA (Programmable for any value)
CT Secondary	330mV
PT Primary	100V to 500kV (Programmable for any value)
PT Secondary	100V to 500V AC (P-P) (Programmable for any value)
Communication	RS485, MODBUS RTU protocol.
Indications	Máx./Mín power demand, progress communication...
Parameters	Voltage (P-N/P-P); current; frequency; active, reactive and apparent power; active, reactive, apparent and total energy; min/máx power demand; THD U and THD I up to 31 level.
Voltage supply	100 to 240V AC, -15% to 12% (50/60Hz)

Physical Characteristics

Protection class	IP54
Connector protection class	IP20
Operating temperature	-10° C +55° C
Humidity	Up to 85%
Mounting	Front panel mounting
Outline dimensions	99x99x55
Panel cutout	91.5x91.5

Code

AN5A0000000000