ENA

Electrical parameters Numeric Analayzer

Model:ENA 90-0.2
Accuracy Class 0.2S

Technical Data

1-Measured Parameters/Accuracy:

Active Energy (IEC 62053-22)	Class 0.2S(Two Direction)
Reactive Energy (IEC 1268)	Class 0.5S(Two Direction)
Voltage,Current,Power,PF	< 0.2%
Frequency	< 0.2%
Time	180 Sec/Year
Harmonics	Up to 23st of Voltage and Current
Quality Factors	THD/OHD/EHD/Crest Factor

2-Input Voltage:

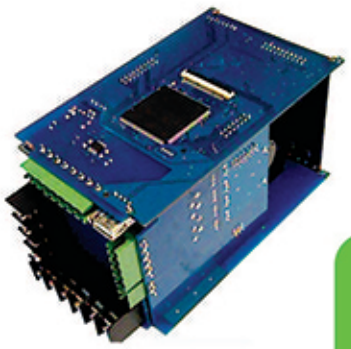
Rated Voltage	Vn=100,110,400 volt AC 3-phase
Voltage Measurement Range	0.2 to 1.2 Vn
Overload	2Vn, 10sec
Burden with Auxiliary Supply	<0.1 VA

3-Frequency:

Rated Frequency	50HZ
Frequency Range	45 HZ to 55HZ

4-Input Current:

Rated Input Current	1 A 3 Phase (5A as Special order)
Burden	<0.1 VA
Maximum Current	1.2In
Overload	30In for 1sec



5-Supply Voltage:

Rated Supply Voltage (Vx)	110 V DC or AC
Voltage Range	80 to 250V/50-60Hz/DC
Max Power Consumption	4Watt
Overload	2 Vx Continuously

6-Environmental Conditions

Refrence Range of Operation	0 to 40 Celsius Degree
Nominal Range of Operation	-10 to 50 Celsius Degree
Storage and Transit	-40 to 70 Celsius Degree
Humidity	Up to 90 % (Non Condensing)

7-Input/Outputs:

Digital Inputs/Outputs	2DI / 2DO
Data Output	Upto 2 RS485 MODBUS RTU and 1 USB Port
Analogue Outputs	1 Programable Output 4-20 mA as Option

8-Mechanical Characteristics

Dimension	DIN96X96/Depth 120mm/Cut out 92x92 mm
Weight	0.5 kg
Protection	IP 52 in Front

9-Display/Memory/Battery:

Display	Color LCD 3.5" TFT,320(RGB)x240
Recording Memory	4GB,FRAM
Battery	200 mAh for Real Time Clock