

## MULTIFUNCTION METER

# NF29



The unit is low cost, easy-to-use, individual and multifunctional that enables to measure all the basic parameters required in an electrical installation and monitors electricity over and above basic metering. The entire range is very rugged and cost-effective. All these products are field proven and more than 100,000 units are active in service.



### FEATURES

- Multiparameter Monitoring
- Micro-controller based
- Measurement of all important Electrical Parameters
- All parameters with default accuracy class 1.0S
- Displays with customized LCD
- Individual voltages and currents for all three phases (R-Y-B)
- Individual three powers-KW, KVA and KVAR
- Individual PF and system PF with lead (-) and lag side
- Compact 96 X 96 X 55 mm DIN enclosure
- Frequency (Hz), three energies (KWh, KVAh, KVARh)
- THD, Voltage & Current available (optional)

### DISPLAY PARAMETERS

V, A, KWH, KVAH, KVARH, PF, Hz, System & Phase wise KW; KVA; KVAR.

## TECHNICAL DATA

DE	PARAMETERS	STATICS
Volts R-N	Direct Voltage Input : 20 to 300V L-N Burden : 0.5VA	
Volts Y-N		
Volts B-N		
Volts RY	Direct Voltage Input : Up to 500V L-L Burden : 0.5VA	
Volts YB		
Volts BR		
I R	Secondary Current Input : 5A or 1A (To be specified at the time of Ordering) CT Primary : Site Selectable Range of Reading : 5 – 5000A Burden : < 1.0VA Overload(Through CT) : 5A CT = 6A RMS Continuous 1A CT = 1.2A RMS Continuous (Whole Current) : 120% of I <sub>max</sub> continuous.	
I Y		
I B		
Frequency	45 to 55 Hz, Accuracy: 0.3% of Reading	
KWh	Range of Reading: 0 to 9999999.9 KWh Accuracy : 1.0S as per IS13779.	
KVARh	Range of Reading: 0 to 9999999.9 KVARh Accuracy : 1.5% of Reading (Between 0.5 Lag to 0.8 Lead)	
KVAh	Range of Reading: 0 to 9999999.9 KVAh Accuracy : 1.0% of Reading	
System PF	Accuracy : 1% of Reading (IPFI>0.5) Range of Reading : 0.05 to 1.00 Lag/Lead	
System KVA	Accuracy : 1.0% of Reading	
System KW	Accuracy : 1.0% of Reading	
System KVAR	Accuracy: 1.5% of Reading (Between 0.5 Lag to 0.8 Lead)	
Display	Customized LCD	
Bezel	96x96mm	DIN enclosure
Depth	55 mm	

# TRINITY

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\* Specifications are subject to change without notice due to continuous improvement.