

MULTIFUNCTION METERS

TRINITY has a host of low cost, easy to use multifunction meters that offer all the basic measurement capabilities required to monitor electricity . Some of these meters also have an RS485 port supporting MODBUS-RTU protocol for integration with SCADA/EMS. 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.

Basic Features:

- Multiparameter Monitoring
- Measurement of all important Electrical Parameters
- All parameters with default accuracy class 1.0S
- Compact 96 X 96 X 55 mm DIN enclosure



Technical Specifications

Sr. No.	Parameters & Options	VAF	NF29	EMPOWER	TINYPRO3	TINYPRO5	TINYPRO6	STATISTICS
1	Volts R-N	Y	Y	Y	-	Y	Y	Direct Voltage Input Burden : Up to 300V L-N : 0.5VA
2	Volts Y-N	Y	Y	Y	-	Y	Y	
3	Volts B-N	Y	Y	Y	-	Y	Y	
4	Volts RY	Y	Y	Y	-	Y	Y	Direct Voltage Input Burden : Up to 500V L-L : 0.5VA
5	Volts YB	Y	Y	Y	-	Y	Y	Secondary Voltage Input : 110V*
6	Volts BR	Y	Y	Y	-	Y	Y	
7	Current R	Y	Y	Y	-	Y	Y	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
8	Current Y	Y	Y	Y	-	Y	Y	
9	Current B	Y	Y	Y	-	Y	Y	
10	Frequency	Y	Y	Y	-	Y	Y	45 to 55 Hz, Accuracy : 0.3% of Reading
11	KWh	-	Y	Y	Y	Y	Y	Range of Reading : 0 to 9999999.9 KWh Accuracy : 1.0S as per IS 13779
12	KVARh	-	Y	Y	-	-	-	Range of Reading : 0 to 9999999.9 KVARh Accuracy : 1.5% of Reading (Between 0.5 Lag to 0.8 Lead)
13	KVAh	-	Y	Y	-	-	-	Range of Reading : 0 to 9999999.9 KVAh Accuracy : 1.0% of Reading
14	System PF	-	Y	Y	Y	-	Y	Accuracy : 1% of Reading (PFI>0.5) Range of Reading : 0.05 to 1.00 Lag/ Lead
15	System KVA	-	Y	Y	-	-	-	Accuracy : 1.0% of Reading
16	System KW	-	Y	Y	Y	Y	Y	Accuracy : 1.0% of Reading (Between 0.5 Lag to 0.8 Lead)
17	System KVAR	-	Y	Y	-	-	-	Accuracy : 1.5% of Reading (Between 0.5 Lag to 0.8 Lead)
18	DISPLAY	0.56" Red Seven Seg.	Customized (4x4 LINE) LCD	0.4" Red Seven Seg.	0.4" Red Seven Seg.	0.4" Red Seven Seg.	0.4" Red Seven Seg.	
19	RS485 (Option)	-	Y	Y	-	-	Y	For Integration with EMS/ SCADA
20	Bezel	96 X 96 mm						
21	Depth	55 mm						
DIN enclosure								

*To be specified at the time of ordering along with PT Primary

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