

Special Features

- MODBUS (RS-485) Communication is included on Amik 201
- On site Programmable CT/PT Ratios
- User selectable CT Secondary 1A/5A
- User selectable PT Secondary from 100 VLL to 500 VLL
- Don't require PT for the voltage measurement up to 500 ACV
- Programmable Energy format & Energy rollover count
- Wide auxilliary Power Supply which can accept any input between 40V – 300V AC/DC



Amik 200/ 201 is a compact multifunction instrument which Measures important electrical parameters in 3 phase 4 Wire and 3 phase 3 Wire Network & replaces the multiple analog panel meters.

Parameter measurement and Display

Sr No	Parameter	3 Phase 4 Wire	3 Phase 3 Wire	1 Phase 2 Wire
1.	System Volts	✓	✓	✓
2.	System Current	✓	✓	✓
3.	Volts R-N (Phase Voltage for Single phase)	✓	x	✓
4.	Volts Y-N	✓	x	x
5.	Volts B-N	✓	x	x
6.	Volts R-Y	✓	✓	x
7.	Volts Y-B	✓	✓	x
8.	Volts B-R	✓	✓	x
9.	Current R (Phase Current for Single phase)	✓	✓	✓
10.	Current Y	✓	✓	x
11.	Current B	✓	✓	x
12.	Frequency	✓	✓	✓
13.	System Active Power (kW)	✓	✓	✓
14.	Active Power R (Phase Power for Single phase) (kW)	✓	x	✓
15.	Active Power Y (kW)	✓	x	x
16.	Active Power B (kW)	✓	x	x
17.	System Re-active Power (kVAr)	✓	✓	✓
18.	Re-active Power R (Phase Power for Single phase) (kVAr)	✓	x	✓

Parameter measurement and Display

Sr No	Parameter	3 Phase 4 Wire	3 Phase 3 Wire	1 Phase 2 Wire
19.	Re-active Power Y (kVAR)	✓	✗	✗
20.	Re-active Power B (kVAR)	✓	✗	✗
21.	System Apparent Power (kVA)	✓	✓	✓
22.	Apparent Power R (Phase Power for Single phase) (kVA)	✓	✗	✓
23.	Apparent Power Y (kVA)	✓	✗	✗
24.	Apparent Power B (kVA)	✓	✗	✗
25.	System Phase Angle	✓	✓	✓
26.	System Power Factor	✓	✓	✓
27.	Power Factor R	✓	✗	✓
28.	Power Factor Y	✓	✗	✗
29.	Power Factor B	✓	✗	✗
30.	Phase Angle R	✓	✗	✓
31.	Phase Angle Y	✓	✗	✗
32.	Phase Angle B	✓	✗	✗
33.	Active Energy Import (kWh)	✓	✓	✓
34.	Active Energy Export (kWh)	✓	✓	✓
35.	Reactive Energy Import (kVARh)	✓	✓	✓
36.	Reactive Energy Export (kVARh)	✓	✓	✓
37.	Apparent Energy (kVAh)	✓	✓	✓
38.	RPM	✓	✓	✓
39.	Max (System Voltage / System Current)	✓	✓	✓
40.	Min (System Voltage / System Current)	✓	✓	✓
41.	Hour Run	✓	✓	✓
42.	ON Hour	✓	✓	✓
43.	Number of auxiliary interrupt	✓	✓	✓
44.	Current Demand	✓	✓	✓
45.	kVA Demand	✓	✓	✓
46.	kW Demand Import	✓	✓	✓
47.	kW Demand Export	✓	✓	✓
48.	Max Current Demand	✓	✓	✓
49.	Max kVA Demand	✓	✓	✓
50.	Max kW Demand Import	✓	✓	✓
51.	Max kW Demand Export	✓	✓	✓

✓ - Available ✗ - Not available

Ordering Information

Product Code	Amik 200 (Without MODBUS) Amik 201 (With MODBUS)	Catalog No. A200 Catalog No. A201
System Type	3 Ph. (PR. 3W or 4W) 1 Ph.	
Input Voltage	100 TO 500VL-L	
Input Current	1/5A	
Power Supply	40 V – 300 VAC /DC	
RS 485 (For AMIK 201)	With RS 485 (Available only on Amik 201). Without RS 485 (Amik 200)	

Accessories – Three-Phase Current Transformer

A three-phase terminal style current transformer must be used with AMIK three phase meters.

The current transformer is equipped with terminals to permit easy connection to the AMIK units.

These terminals are #8-32 brass studs and come with a flatwasher, lockwasher and a regular nut (leads are not provided).



Ordering Information

Catalog Number	Current Ratio	Accuracy @ 60 Hz	Burden VA @ 60 Hz
37026	50:5	± 3%	2.0
37027	100:5	± 1%	2.0
37028	150:5	± 1%	4.0
37029	200:5	± 1%	5.0
37030	300:5	± 1%	10.0