

AMIK Three Phase Digital Panel Meters

Special Features

- 3 Line 4 Digits ultra bright LED Display
(up to 9999) On site Programmable CT/PT Ratios
- User selectable CT Secondary 1A/5A
- User selectable 3ph 3wire / 3ph 4wire / single phase Network
- Storage of MIN / MAX values
- Measurement & Display of RPM, Run hours, ON hours & No. of Interrupts
- Limit switch with one relay
- UL and CSA listed
- Don't require PT for the voltage measurement up to 500 ACV



Amik 100 is a compact multifunction instrument which measures important electrical parameters in 3 phase 4 Wire and 3 phase 3 Wire Network & replaces multiple analog panel meters

Electrical Parameters

Sr No	Parameter	3 Phase 4 Wire	3 Phase 3 Wire	1 Phase 2 Wire
1	System Volts	✓	✓	✓
2	System Current	✓	✓	✓
3	Frequency	✓	✓	✓
4	Volts R-N	✓	*	✓
5	Volts Y-N	✓	*	*
6	Volts B-N	✓	*	*
7	Volts R-Y	✓	✓	*
8	Volts Y-B	✓	✓	*
9	Volts B-R	✓	✓	*
10	Current R	✓	✓	✓
11	Current Y	✓	✓	*
12	Current B	✓	✓	*
13	RPM	✓	✓	✓
14	Max (System Voltage / System Current)	✓	✓	✓
15	Min (System Voltage / System Current)	✓	✓	✓
16	Hour Run	✓	✓	✓
17	ON Hour	✓	✓	✓
18	Number of auxiliary interrupt	✓	✓	✓

Ordering Information

Product Code	AMIK 100	Catalog No. A100
Display Type	3 Line	
System Type	1 Line (20mm display)	
	3 Ph. (PR. 3W or 4W)	
	1 Ph.	
Input Voltage / Current	100 TO 500VL-L 1/5A	
Power Supply	40 V – 300 VAC / DC	
Limit switch	Limit switch relay	

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.

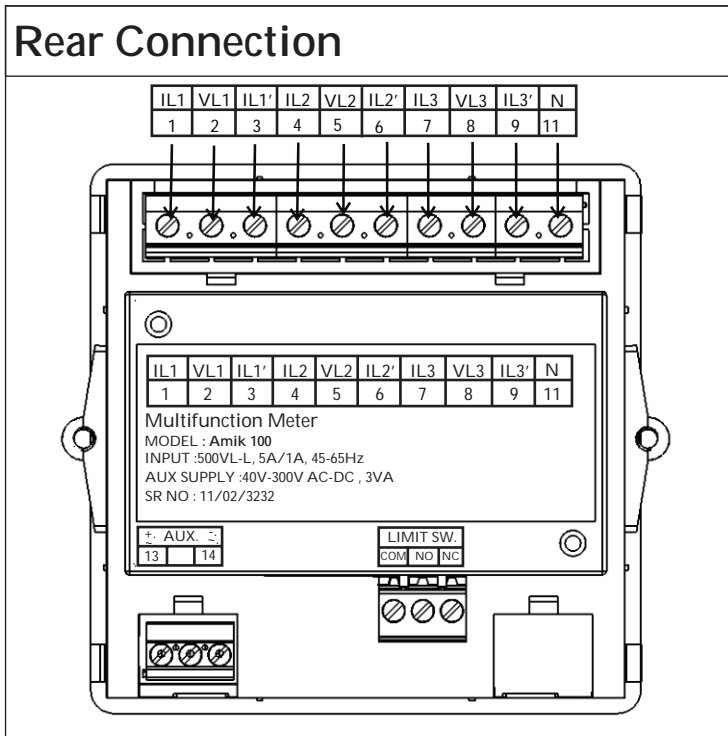
These terminals are #8-32 brass studs and come with a flatwasher, lockwasher and a regular nut (leads are not provided).



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

Rear Connection



Electrical Connections

	Self Powered Aux	External Powered Aux
3 Phase 4 Wire Unbalanced Load		
3 Phase 3 Wire Unbalanced Load	Not Applicable	
1 Phase 2 Wire		

*Note: For Measurement of parameters, Voltage must be present between terminal 2 & 11 for single phase or 3 phase 4 wire network and between terminal 2 & 5 or 2 & 8 for 3 phase 3 wire network.