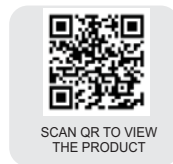


AMPERE METER 96



MODEL : AMD-6000A
CODE : 21D1
WEIGHT: 315 gr
(96x96x115) mm
IP30

Device Introduction

Ampere meter 96 (single phase) has a large display indicator that is capable of measuring and displaying crossing current from 0.01A to 6000A in different CT ranges. This device is equipped with a maximum current recording system (Maximeter). Current is measured in NORMAL and TRUE RMS methods.



Features

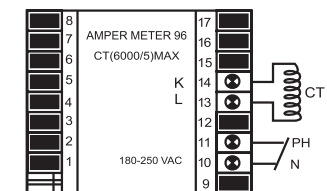
- A large indicator to display current maximized to 6000A
- Measuring and displaying current in NORMAL and TRUE RMS methods
- Registering and displaying maximum current
- Capable of CT adjustment and displaying it
- Capable of accurate CT adjustment in order to calibrate CT
- Displaying CT excessive current error
- 4 indicators to announce
 - A: Normal current
 - TRUE RMS : real current
 - MAX-A: maximum current
 - CT & SETTING : CT adjustment and display
- Key
 - SELECT : choosing one of 4 modes of device display
 - RESET MAX-A
 - setting maximum registered current
 - SETTING CT
 - to zero when displaying MAX-A
 - CT adjustment
- storing all data when power outage



Technical Specifications

- Supply voltage : 180-250VAC/50-60HZ
- Current measurement accuracy : $0.5\% \pm 1$ digit
- Standard adjustable CTs on device :
 - CT(5, 10, 15, 20, 25, 30, 40, 50, 60, 75, 100, 150, 200, 250, 300, 400, 500, 600, 750, 800, 1000, 1200, 1500, 2000, 2500, 3000, 4000, 5000, 6000) /5
- CT adjustment time : for 5min upon connecting electricity
- Efficiency at
 - Temperature : $-20^{\circ}\text{C} \dots +65^{\circ}\text{C}$
 - Humidity : 70%
- Installation and wiring guide are available on device terminals

Installation Instruction



VER:9801

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AMPERE METER 96

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How to select and adjust intended CT

After connecting electricity to the device and choosing intended CT and relating it to considered terminals, CT is adjusted as follows :

By pressing SELECT key, CT&SETTING LED starts blinking. Choose intended CT range by pressing RESET MAX-A and repress SELECT key in order to confirm CT value and enter accurate CT adjustment stage.

In this stage it can be possible to change CT value in order to correct probable CT fault and increase its accuracy to ± 25 times the current measurement unit. Press SELECT key to exit the program.

Example: if intended CT sets to 5, in accurate adjustment stage the CT value can be altered to ± 25 times 0.01 (current measurement accuracy) which equals to ± 0.25 . It means CT value is changeable from 4.75 to 5.25.

Note 1 : our purpose of unit is current measurement accuracy in different ranges.



Note 2 : CT adjustment is possible just at the first 5 minutes when power connects. If it is needed to change and replace CT range, disconnect and reconnect input power and re-do adjustments.

Device Function

Normally after CT adjustment A indicator placed on device turns on and displays current crossing the CT mentioned in technical specifications accurately. Current calculation method can be changed from NORMAL to TRUE RMS by pressing SELECT key. Maximum registered current is seen by pressing SELECT key and MAX-A indicator is turned ON.

In this situation (maximum display), by pressing and holding RESET MAX-A SETTING CT a countdown starts from 5 to 1. Upon reaching zero maximum current sets to zero.

Note 3 : if the key is released before finishing countdown, the maximum registered current won't be zero and this operation must be re-done.

Note 4 : a current would be registered as a maximum current which lasts at least 15 seconds.

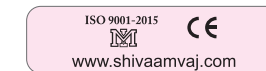


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3 year no question asked guarantee under these conditions;

- 1-at most it should be within 3 years from the date printed on the label of the product
- 2-the label on the product should be safe and sound

Shiva Amvaj products in accordance with international standards and with a 3 year no question asked guarantee are presented



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