

SHIVA AMVAJ AMPERE METER(48x96)



MODEL : AMU-6000A
CODE : 21U1
WEIGHT : 155 gr
(48x96x112) mm
IP20

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Introducing Shiva Amvaj 48x96 Ammeter

With a single-phase power supply, Shiva Amvaj 48x96 Ammeter can measure and display currents of 0.01A to 6000A in different CT ranges. This device is equipped with maximum current registration system and current is measured via mean and TRUE RMS methods.

Technical Specifications of Shiva Amvaj 48x96 Ammeter

- Supply voltage: 180-250 VAC/50-60 Hz
- Accuracy: $0.5\% \pm 1$ digit
- CTs tuneable on the 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 tuning time: 5 minutes after power is connected
- Operating condition :
 - Temperature: $-20^{\circ}\text{C} \dots +65^{\circ}\text{C}$
 - Humidity: 70%
- Guide to installation and wiring on device terminals

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Features of Shiva Amvaj 48x96 Ammeter

- Measuring and displaying current using mean and TRUE RMS methods
- Recording and displaying maximum current
- Adjustable and displayable CT
- CT over current warning
- Four indicators for showing
 - average current: AVERAGE
 - actual current: TRUE
 - maximum current: MAX
 - adjust and display CT: CT
- Accurate CT adjustment for calibration
 - ▲ button: Increasing the value of CT in CT adjustment and its error, reset recorded maximum current
 - ▼ button: Reduce CT value in CT adjustment and its error
 - ↔ button: Switch between the four display modes

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How to Select and Tune the Intended CT

After connecting device to the power and selecting the intended CT and connecting to the respective terminals done according to the installation plan, CT adjust as follows:

Using ↔ buttons to put the device in CT display mode, while CT indicator turns on. Select the intended CT range using ▼ and ▲ buttons. Then, go to CT adjust by pressing ↔ again.

At this stage, the value of the intended CT may be changed for correcting possible CT error and increasing accuracy up to ± 25 times the unit of current measurement.

Then, when ↔ button is pressed, TRUE is displayed, the tunings are saved, and the device goes back to displaying the average value of current.

Example: If the intended CT is adjusted to 5, CT value may be changed up to ± 25 times 0.01 (current measurement accuracy), which would be ± 0.25 , at the fine tuning stage of CT. That is, CT value may range from 4.75 to 5.25.

Note: CT adjustment is only possible during the first five minutes when power is connected. If you need CT range changes, disconnect the device power OFF, then reconnect it, and re-do adjustment. ④

Device Performance

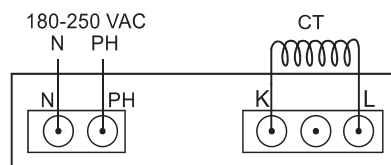
After CT is adjusted in normal mode, AVERAGE indicator turns on as a sign of displaying average current, and the current passing through CT with mentioned accuracies in the technical specifications.

You may change current calculation method from average to TRUE RMS by pressing ↔ button.

Observing maximum current registered is possible by using ↔ button and with MAX indicator on. In this mode, by pressing button ▼, continuously a count-down from 5 to 1 starts and as soon as reaches 0, the maximum current registered is set to zero.

Note: If the button is released before the count-down is over, the maximum current will not be set to zero, and this action should be repeated.

Note: A quantity of current must at least last 15 seconds in order to be registered as the maximum current.



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Respecting the customer is our duty

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

ISO 9001-2015



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