

Aptus Automation

Ampere Meter

User Manual

Notice before start-up

Please confirm the specification of instrument is to totally with your requirement before using it, also read this manual in detail.



Danger

Danger! Electric Shock! DON'T touch AC power wiring terminals when instrument has been powered! Keep the power off until all of the wirings are completed!



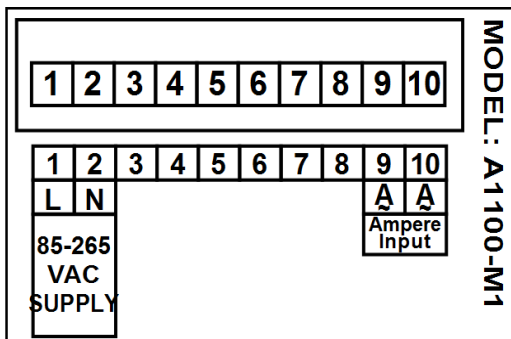
Warning

- 1) Please confirm the AC power wiring to instrument is correct, otherwise it would be caused aggravated damage on instrument.
- 2) Be sure to use the rated power supply, otherwise it would be caused aggravated damage on instrument.
- 3) Please confirm wires are connected with correct terminal (Power, Input and Output).
- 4) Avoid installing instrument in following spaces:
 - I. A place where the ambient temperature may reach beyond the range from 0 to 50°C
 - II. A place where the ambient humidity may reach beyond the range from 20 to 90% RH.
 - III. A place where the instrument likely to come into contact with water, oil, chemicals, steam and vapor.
 - IV. A place where the instrument is subject to interface with static electricity, magnetism and noise.
- 5) For input signal, use low resistance shield cable.

TECHNICAL SPECIFICATIONS

Model No.	: A1100-M1
Input	: 5 Ampere from current transformer (CT)
Range	: RTD-PT 100 (0.1 °C)--99.9 to 400.0°C RTD-PT 100 (1°C) - -99 to 400°C Thermocouple K Type -0000 to 1200°C Thermocouple J Type - 0000 to 750°C Thermocouple R Type-0000 to 1750°C Thermocouple S Type- 0000 to 1750°C
CT Ratio	: 5 to 1600 (selectable)
Power Supply	: 230VAC ± 10%, 50Hz.
Display	: 4 Digits RED Seven Segment Display (4" Inch Display Size)

A1100-M1 Terminal Wiring



INPUT TYPE	A1100-M1
230 V AC Power supply	Terminal 1 & 2
Ampere Input	Terminal 9 (~) & 10 (~)

PARAMETER MENU:

To enter to Parameter setting menu, press SET key for more than 1 second.

All settings to be done using Increment (▲) and Decrement (▼) keys. Then press enter key to exit & save value. If no keys press for 3 sec then, CT ratio will automatically save & exit from menu.

KEY	DISPLAY	FUNCTION
SET	PASS	Press the set key to enter the password value.
SET	0000	The password is 0808. Then press enter key.
ENTER	Ct	This is the parameter to select CT ratio. Press set key to change CT ratio.
SET	0050	CT Ratio : change CT ratio by using UP & DOWN key.