Distance 6.2 How to switch phase display

User's Manual (Digest version)

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The password protection prevents accidental setting change and losing measured data.

Before operating the instrument, check that active bare wire does not exist around it. If any bare wire exists, stop the operation immediately. The password protection guarantees the use of the instrument by the holder and prevents unauthorized access.

Features

 A qualified electrician must install and wire the instrument for safety.

 Pieces of metal or similar substances are scattered around the instrument, deteriorated insulation and so on in a short time. In such a case, the instrument is needed to take adequate measures to prevent damage to the instrument and personal injury. When you observe such an indication, take the following actions:

- Turn off the auxiliary power and the power supply of the input circuit before performing any inspection or repair work.
- If the instrument does not work in the test mode, discharge the instrument (energetic products).
- When abnormal sound, odor, smoke, or heat is confirmed, stop using the instrument and turn off the power immediately.
- Send the instrument to the nearest service center for inspection or repair work.

5. Wiring diagram

• Wiring diagram for each phase wire system

5.1 Wiring diagram for each phase wire system

5.2 Wiring diagram for each phase wire system

5.3 Wiring diagram for each phase wire system

6. Operation

2. Check on your delivery

All the contents can be checked by following the table when receiving the instrument.

3. How to switch phase display

When pressing the PHASE button, the phase display changes between the RMS value and distortion ratio.

If the product is powered by either voltage input or current input, the function displays the wrong parts on the screen, and both functions may not be used. Therefore, you need to switch the phase display to the correct one by pressing the PHASE button.

When the product is connected to the mains circuit, the phase display changes between the RMS value and distortion ratio.

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### Setting Flow

1. Press the SET and RESET button simultaneously for two seconds to enter setting mode.
2. Enter the setting menu by pressing the SET button.
3. Press the SET button to determine a setting menu number.
4. Change the phase wire system.
5. Set the phase wire system.
6. At setting menu 1, set the following basic items for the correct measurement.
7. At setting menu 2, set the secondary voltage.
8. At setting menu 3, set the secondary current of CT.
9. At setting menu 4, set the phase sequence.
10. At setting menu 5, set the time constant for current demand.

### 8. Setting

#### Contents
- Setting menu 1
- Setting menu 2
- Setting menu 3
- Setting menu 4

#### Notes
- The underlined item is set to the factory default.
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#### Setting Values
- **Setting Value**
  - Calibration Value
  - Factory default

### 9. Specification

#### Measurement Screen Setting Menu End

#### Operating Mode
- **Operating Mode**
  - Confirmation Mode
  - Setting Value

#### Setting Values
- **Setting Value**
  - Calibration Value
  - Factory default

### 10. Optional plug-in module

#### Model
- **Model**
  - ME96SSHB-MB / ME96SSRB-MB / ME96SSEB-MB

#### Measurement
- **Measurement**
  - Current Demand (DA)
  - Reactive Energy
  - Apparent Power (DVA)
  - Rolling Demand

### 11. Standards

#### Standards
- **Standards**
  - CE
  - UL
  - IEC

### 12. Installation

#### Installation
- **Installation**
  - Install the optional plug-in module to the main unit

### 13. External Dimensions

#### External Dimensions
- **External Dimensions**
  - Dimensions

### 14. Symbols

#### Symbols
- **Symbols**
  - Marking

### 15. Precautions for KC mark

#### Precautions for KC mark
- **Precautions for KC mark**
  - Use in a Residential Area
  - Protection of Conductive Terminal

### 16. Service Network

#### Service Network
- **Service Network**
  - MITSUBISHI ELECTRIC CORPORATION

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* Note: The full version of the user's manual for each model type can be found in the detailed version.