4. Setting method of the operating characteristics

- **Setting of LTD time TL**: In case of LTD time TL = 12s, the LTD time may be shorter than the STD time.
- **Is setting**: A set value may advance to the next one in some causes.
- **Characteristics setting device**: If not set up correctly, the characteristics setting device may be broken.

Please set the step adjustable dials by the scale.

A slotted head screwdriver of 4.5mm width and 0.6mm thickness is suitable for the setting.

Please fill in the blank label with oily ink, and stick the label to the top of the handle.

5. Testing method

Check operation with load current or using the breaker tester "Y-250" (option).

- **Example 1**: Current setting 1: Maximum
  - Current setting: 280A (=400A × 0.7)
- **Example 2**: Current setting 2: 250A
  - Current setting: 250A

Check following items by each LED in front of circuit breaker.

- **OVER LED(red)**: LED lights among 105 to 125% of current setting.
- **PAL LED(yellow)**: In case of Pre-alarm pick up current Ip = 0.7, LED blinks among 60 to 80% of current setting.
- **70% LED(green)**: LED lights among 60 to 80% of current setting.

For LTD and pre-alarm operating time, check by load current equivalent to 200% of the current setting. If operating current of circuit breaker is measured just before this test, operating time is shorter. In this case, please measure again after circuit breaker is tripped.

Apply AC current to the circuit-breaker from three-phase or single-phase power supply.

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