

# Manual Supplement

Manual Title: T5-600/T5-1000 Service Information Supplement Issue: **2**  
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This supplement contains information necessary to ensure the accuracy of the above manual.

## Change #1, 63860

On page 1, replace the **Safety Information** with the following:

### Warning

To avoid possible electric shock or personal injury, follow these guidelines:

- Read all safety Information before you use the Product.
- Carefully read all instructions.
- Do not use the Product if it is damaged or operating abnormally. Protection may be impaired.
- Make sure the battery door is closed and latched.
- Inspect the Product and test leads. Look for cracks, missing plastic, exposed metal, or damaged insulation. Replace damaged test leads before using the tester.
- Verify Product operation by measuring a known voltage.
- Replace the batteries as soon as the low battery indicator (🔋) appears.
- Do not use the Product around explosive gas, vapor or dust.
- Do not apply more than the rated voltage, as marked on the tester, between terminals or between any terminal and earth ground.
- Use caution when working above 30 V ac rms, 42 V ac peak, or 60 V dc.
- When using the probes, keep your fingers behind the finger guards on the probes.
- Remove the batteries if the Product is not used for an extended period of time, or if stored in temperatures above 50 °C. If the batteries are not removed, battery leakage can damage the Product.
- Limit operation to the specified measurement category, voltage, or amperage ratings.
- Use the correct terminals, function, and range for measurements.
- Do not measure current while the test leads are in the input jacks.
- Hold the Product behind the tactile barrier.
- Do not use and disable the Product if it is damaged.
- Do not use the Product if it operates incorrectly.
- Do not use test leads if they are damaged. Examine the test leads for damaged insulation, exposed metal, or if the wear indicator shows. Check test lead continuity.
- Use only current probes, test leads, and adapters supplied with the Product.
- Remove all probes, test leads, and accessories before the battery door is opened.
- Remove all probes, test leads, and accessories that are not necessary for the measurement.
- Do not exceed the Measurement Category (CAT) rating of the lowest rated individual component of a Product, probe, or accessory.
- Repair the Product before use if the battery leaks.

- **Be sure that the battery polarity is correct to prevent battery leakage.**
- **Do not operate the Product with covers removed or the case open. Hazardous voltage exposure is possible.**
- **Use only specified replacement parts.**
- **Have an approved technician repair the Product.**
- **Disconnect power and discharge all high-voltage capacitors before you measure resistance, continuity, capacitance, or a diode junction.**

On page 2 and 3, replace **Serial Number 79560000 and Above General Specifications** table, with:

### **Serial Numbers 79560000 and Above General Specifications**

<b>Calibration</b>	One-year calibration cycle.
<b>Maximum Voltage Between any Terminal and Earth Ground</b>	T5-600: 600 V rms, Measurement Category III, Pollution Degree 2 T5-1000: 1000 V rms, Measurement Category III, 600 V RMS, Category IV, Pollution Degree 2
<b>Maximum Voltage Between Current Fork and Earth Ground</b>	T5-600 and T5-1000: 1000 V rms, Category III, also 600 V rms, Category IV, Pollution Degree 2, (This dual rating applies to the current fork only.)
<b>Temperature</b>	Operating: -10 °C to +50 °C (14 °F to 122 °F); Storage: -30 °C to +60 °C (-22 °F to +140 °F)
<b>Altitude</b>	Operating: 2000 m (6562 ft); Storage: 10,000 m (32808 ft)
<b>Relative Humidity</b>	0 % to 95 %, 5 °C to 30 °C (41 °F to 86°F); 0 % to 75 %, 30 °C to 40 °C (86 °F to 104 °F); 0 % to 45 %, 40 °C to 50 °C (104 °F to 122 °F)
<b>Battery Type and Life</b>	Two (2) AA; 360 hours continuous with alkaline; 125 hours continuous with zinc chloride

On page 3 and 4, replace the **Serial Number 79559999 and Below General Specifications** table, with:

### **Serial Numbers 79559999 and Below General Specifications**

<b>Calibration</b>	One-year calibration cycle.
<b>Maximum Voltage Between any Terminal and Earth Ground</b>	T5-600: 600 V rms, Measurement Category III T5-1000: 1000 V rms, Measurement Category III
<b>Temperature</b>	Operating: -10 °C to +50 °C (14 °F to 122 °F); Storage: -30 °C to +60 °C (-22 °F to +140 °F)
<b>Altitude</b>	Operating: 2000 m (6562 ft); Storage: 10,000 m (32808 ft)
<b>Relative Humidity</b>	0 % to 95 %, 5 °C to 30 °C (41 °F to 86°F); 0 % to 75 %, 30 °C to 40 °C (86 °F to 104 °F); 0 % to 45 %, 40 °C to 50 °C (104 °F to 122 °F)
<b>Battery Type and Life</b>	Two (2) AA; 400 hours continuous with alkaline; 200 hours continuous with zinc chloride
<b>Enclosure Rating</b>	IP 52 per IEC 60529, no vacuum applied
<b>RF Field Specification</b>	0.5 % full scale + (specified accuracy) at 3 V/m

On page 4, following Input Characteristics, add:

**CAT II** Measurement Category II is applicable to test and measuring circuits connected directly to utilization points (socket outlets and similar points) of the low-voltage MAINS installation