

Tektronix

TL705

2x4-Wire Ohms Test Leads

Instruction Sheet

Introduction

The Tektronix TL705 2X4 Wire Ohms Test Leads are designed for use with the Tektronix DMM4040 and 4050 multimeters. The split contacts of the test lead's banana plugs are aligned to mate with the split contacts of the DMM4040 and 4050 HI and LO input connectors.

The split contact design used by both the meters and the test leads bring both the input and sense terminals of the meters to any 4-wire resistance measurement with only two, instead of four test leads.






Safety Information

⚠ ⚠ Warning


To avoid possible electric shock or personal injury:

- Do not use the test leads to measure line voltages. CAT I is for measurements performed on circuits not directly connected to a mains supply.
- Do not use the test leads for measurements within Measurement Categories II, III, and IV.
- Use the test leads only as specified, or the protection provided may be impaired.
- Do not use the test leads if they are cracked or have exposed metal.
- Do not exceed the test lead's voltage and current rating.
- Before use, make sure test leads are fully mated to the instrument and accessories.
- Keep fingers behind the finger guards.
- Adhere to local and national safety codes.
- Individual protective equipment must be used to prevent shock and injury.

International Symbols

Symbol	Meaning
	Hazardous voltage
	Risk of danger. Important information. See instruction sheet.
	Double insulated

International Symbols continued

Symbol	Meaning
	Equipment Recycling. This product complies with the European Union's requirements according to Directive 2002/96/EC on waste electrical and electronic equipment (WEEE). For more information about recycling options, check the Support/Service section of the Tektronix Web site (www.tektronix.com).

Cleaning

Clean the leads with a soft cloth, mild soap, and water. To avoid damage, do not use abrasives or solvents to clean the leads.

Specifications

Maximum Voltage between test lead and ground:

1000 V (CAT I)

Maximum Transient Overvoltage and Input Voltage combined: 1000 V

Maximum Current: 500 mA

Temperature

Operating: 0 to 55 °C <90 % relative humidity

Storage: -40 to +70 °C

Altitude: 2000 m

Safety: Complies with EN/IEC 61010-031:2002 and ANSI/CSA/UL 61010-031:2007 for Measurement Category I 1000 V, Pollution Degree 2.

TL705 English Instruction Sheet

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- Worldwide,
visit www.tektronix.com to find contacts in your area.

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