Fluke PRV240FS Proving Unit

For use with T6 Electrical Testers, DMMS and current clamps





REDUCES RISK

Reduces the risk of shock and arc flash risk hazard

BATTERY LIFE

2000 tests per set of four AA batteries

SIMPLE TO USE

Single switch selects mode, LEDs indicate functionality

SAFETY RATING

IEC61010-1, IEC61010-2-030

WARRANTY

One-year

Unique, compact, convenient

The Fluke PRV240FS Proving Unit is a portable, pocket-sized, battery-powered voltage source. It is specifically built to prove the functionality of the FieldSense measurement on the T6 electrical testers. It also provides ac and dc voltages for other HiZ instruments in your tool box.

Designed for safety and compliance

The Fluke PRV240FS provides a safe method to verify that your T6 electrical tester is operating properly before you conduct any live tests. The concept of "Test Before Touch" (TBT) involves testing your T6 against a known live source before and after the actual measurement. This sequence verifies that your test tool is operating properly during the actual measurement.

Verify your test tool without unnecessary exposure to shock and arc flash. Using the PRV240FS reduces the need for personal protective equipment (PPE) when a known voltage source is not available for verification of your tester or multimeter before test before TBT are performed. PPE is still needed for absence of voltage testing when appropriate.

Key benefits

- Using the PRV240FS reduces the risk of shock and arc flash by validating the functionality of test tools without placing yourself in a potentially hazardous electrical environment.
- Can prove functionality of the FieldSense measurement on the T6 electrical testers
- Sources both ac and dc steady-state voltage-supplies 240 V dc/ac.
- A single switch and a set of LEDs indicate functionality of both the FieldSense "no-test-lead" voltage measurement capability, plus standard ac and dc measurements with test leads. This unit is a simple-to-use solution for complying with TBT verification of your test tools.
- Compatible with high impedance multimeters or clamp meters.
- Voltage is sourced through a central hub designed to test the T6
 FieldSense open fork, as well as through recessed contacts that
 are activated when test probes are inserted to avoid accidental
 contact
- Includes TPAK magnetic hanging strap
- Long battery life—2000 tests per set of four AA batteries (10 second test average)





Specifications

240 V ac rms or dc		\pm 10 % \geq 1 M Ω
Turns on when output voltage is present		
4 x AA Alkaline batteries NEDA 15 A IEC LR6		
2000 (10-second duration) test cycles with >1 MΩ load		
-10 °C to +50 °C		
0 % to 90 % (0 °C to	35 °C)	0 % to 70 % (35 °C to 55 °C)
2000 m		
11.7 cm x 7.4 cm x 4.5 cm (4.6 in x 2.9 in x 1.75 in)		
0. 32 kg (12 oz) includes batteries		
IEC61010-1, IEC61010-2-030		
One-year		
IEC 61326-1: Controlled Electromagnetic Environment CISPR 11: Group 1, Class A		
Group 1: Equipment frequency energy the	ent has intentionally generated and/or uses conductively-coupled radio y that is necessary for the internal function of the equipment itself.	
Class A: Equipment is suitable for use in all establishments other than domestic and those directly connected to a low voltage power supply network that supplies buildings used for domestic purposes. There may be potential difficulties in ensuring electromagnetic compatibility in other environments due to conducted and radiated disturbances.		
Caution: This equipment is not intended for use in residential environments and may not provide adequate protection to radio reception in such environments.		
Emissions that exceed the levels required by CISPR 11 can occur when the equipment is connected to a test object.		
US (FCC)	47 CFR 15 subpart B, this pr per clause 15.103	roduct is considered an exempt device
Korea (KCC)	Class A Equipment (Industri Equipment)	al Broadcasting & Communication
	netic wave equipment and t	equirements for industrial electromag- he seller or user should take notice of ed for use in business environments s.
	Turns on when outp 4 x AA Alkaline batt 2000 (10-second du -10 °C to +50 °C 0 % to 90 % (0 °C to 2000 m 11.7 cm x 7.4 cm x 4 0. 32 kg (12 oz) inch IEC61010-1, IEC6101 One-year IEC 61326-1: Control CISPR 11: Group 1, C Group 1: Equipment frequency energy th Class A: Equipment it those directly conne used for domestic punetic compatibility in Caution: This equipment provide adequate pro Emissions that exceed connected to a test of US (FCC)	Turns on when output voltage is present 4 x AA Alkaline batteries NEDA 15 A IEC LR6 2000 (10-second duration) test cycles with >1 Mi -10 °C to +50 °C 0 % to 90 % (0 °C to 35 °C) 2000 m 11.7 cm x 7.4 cm x 4.5 cm (4.6 in x 2.9 in x 1.75 i 0. 32 kg (12 oz) includes batteries IEC61010-1, IEC61010-2-030 One-year IEC 61326-1: Controlled Electromagnetic Environa CISPR 11: Group 1, Class A Group 1: Equipment has intentionally generated a frequency energy that is necessary for the internal Class A: Equipment is suitable for use in all estab those directly connected to a low voltage power s used for domestic purposes. There may be potent netic compatibility in other environments due to c Caution: This equipment is not intended for use in provide adequate protection to radio reception in Emissions that exceed the levels required by CISP connected to a test object. US (FCC) 47 CFR 15 subpart B, this pr per clause 15.103 Korea (KCC) Class A Equipment (Industri Equipment) Class A: Equipment meets re netic wave equipment and t it. This equipment is intended

This product meets requirements for industrial (Class A) electromagnetic wave equipment and the seller or user should take notice of it. This equipment is intended for use in business environments and not to be used in homes.

Fluke. Keeping your world up and running.®

Ordering information

PRV240FS Proving Unit

Included:

TPAK hanging strap, four AA batteries, instruction sheet

Kit:

T6-1000/PRV240FS T6-1000 + PRV240FS Proving Unit