EN: This Datasheet/Document is presented by the manufacturer.

Please visit our website for pricing and availability at www.hestore.hu.

FLUKE CONNECT®

FLUKE®

1630-2/1630-2 FC
Earth Ground Clamp

Safety Information

1-Year Limited Warranty.

Go to www.fluke.com to register your Product, read the Users Manual, and find more information.

A **Warning** identifies conditions and procedures that are dangerous to the user.

⚠⚠ Warnings

To prevent possible electrical shock, fire, or personal injury:

- **Carefully read all instructions.**
- **Read all safety information before you use the Product.**
- **Do not alter the Product and use only as specified, or the protection supplied by the Product can be compromised.**
- **Do not use the Product around explosive gas, vapor, or in damp or wet environments.**
- **Before each use, examine the Product. Look for cracks or missing pieces of the clamp housing or output cable insulation. Also look for loose or weakened components. Carefully examine the insulation around the jaws.**
- **Comply with local and national safety codes. Use personal protective equipment (approved rubber gloves, face protection, and flame-resistant clothes) to prevent shock and arc blast injury where hazardous live conductors are exposed.**
- **Use Product-approved measurement category (CAT), voltage, and amperage rated accessories (probes, test leads, and adapters) for all measurements.**

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125167, г. Москва,
Ленинградский проспект дом 37,
корпус 9, подъезд 4, 1 этаж

- **Do not use the Product if it is altered or damaged.**
- **Disable the Product if it is damaged.**
- **Do not use the Product if it operates incorrectly.**
- **Do not use the Product above its rated frequency.**
- **Limit operation to the specified measurement category, voltage, or amperage ratings.**
- **Do not touch voltages >30 V ac rms, 42 V ac peak, or 60 V dc.**
- **Hold the Product behind the tactile barrier.**
- **The battery door must be closed and locked before you operate the Product.**
- **Replace the batteries when the low battery indicator shows to prevent incorrect measurements.**
- **Remove the batteries if the Product is not used for an extended period of time, or if stored in temperatures above 50 ºC. If the batteries are not removed, battery leakage can damage the Product.**
- **Do not operate the Product with covers removed or the case open. Hazardous voltage exposure is possible.**
- **Repair the Product before use if the battery leaks.**
- **Use only specified replacement parts.**
- **Have an approved technician repair the Product.**
- **Remove the input signals before you clean the Product.**
- **Do not operate within external low frequency magnetic fields >30A/m.**

Safety Specifications

Maximum Voltage to Earth Ground ..... 1000 V

Battery Type..... AA alkaline IEC LR6 (x4)

Temperature

Operating..... -10 °C to +50 °C

Storage..... -20 °C to +60 °C

Operating Humidity ..... Non condensing (<10 °C)
≤90 % RH (at 10 °C to 30 °C)
≤75 % RH (at 30 °C to 40 °C)
≤45 % RH (at 40 °C to 50 °C)
(noncondensing)

Temperature Coefficient..... 0.1 x (specified accuracy)/ °C (<18 °C or >28 °C)

Ingress Protection..... IEC 60529: IP30 with jaw closed

Altitude

Operating..... 2000 m

Storage..... 12 000 m

Dimensions ..... 283 mm x 107 mm x 48 mm

Safety

General..... IEC 61010-1: Pollution Degree 2
IEC 61557-1

Measurement ..... IEC 61010-2-032: CAT IV 600 V / CAT III 1000 V

Current Clamp for Leakage Current Measurements ..... IEC 61557-13: Class 2, ≤30 A/m

Resistance to Earth..... IEC 61557-5

Effectiveness of the Protective Measures ..... IEC 61557-16

Electromagnetic Compatibility (EMC)

International ..... IEC 61326-1: Portable Electromagnetic Environment

CISPR 11: Group 1, Class B, IEC 61326-2-2

Group 1: Equipment has intentionally generated and/or uses conductively-coupled radio frequency energy that is necessary for the internal function of the equipment itself.

Class B: Equipment is suitable for use in domestic establishments and in establishments directly connected to a low voltage power supply network which supplies buildings used for domestic purposes.

Korea (KCC) ..... Class A equipment (Industrial Broadcast & Communications Equipment)

Class A: Equipment meets requirements for industrial 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.

USA (FCC) ..... 47 CFR 15 subpart B. This product is considered an exempt device per clause 15.103.

Wireless Radio

Frequency Range ..... 2412 MHz to 2462 MHz

Output Power ..... <10 mW

Radio Frequency Certification ..... FCC ID:T68-FBLE IC:6627A-FBLE

For complete product specifications, go to www.fluke.com to see the Users Manual.

Symbols

Symbol	Description
	WARNING. RISK OF DANGER.
	WARNING. HAZARDOUS VOLTAGE. Risk of electric shock.
	Consult user documentation.
	Application around and removal from uninsulated hazardous live conductors is permitted.
	Double Insulated
	Do not operate within external low frequency magnetic fields >30A/m.
	Battery
CAT III	Measurement Category III is applicable to test and measuring circuits connected to the distribution part of the building's low-voltage MAINS installation.
CAT IV	Measurement Category IV is applicable to test and measuring circuits connected at the source of the building's low-voltage MAINS installation.
	China metrology certification mark for measuring instruments manufactured in the People's Republic of China (PRC).
	Certified by CSA Group to North American safety standards.
	Conforms to European Union directives.
	Conforms to relevant Australian Safety and EMC standards.
	Certified by TÜV SÜD Product Service.
	Conforms to relevant South Korean EMC Standards.
	This product complies with the WEEE Directive marking requirements. The affixed label indicates that you must not discard this electrical/electronic product in domestic household waste. Product Category: With reference to the equipment types in the WEEE Directive Annex I, this product is classed as category 9 "Monitoring and Control Instrumentation" product. Do not dispose of this product as unsorted municipal waste.