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XLE-EL-HF-230935

AC/DC Hipot Tester with Insulation Resistance - 100-120V AC / 200-240V AC - 5 kV @ 30 mA AC, 6 kV @ 10 mA DC - On-Board Data Storage

Product ID: 299854

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

XLE-EL-HF-230935 Hipot Tester with Insulation Resistance
Type: Hipot Tester
Dimensions: 16.92" x 3.50" x 15.75"
Weight: 35 lb
Voltage: 100–120V AC / 200–240V AC ± 10% Auto Range
Frequency: 50/60 Hz ± 5%
Fuse: 6.3A, Slow Blow 250V AC
AC Withstand Test Mode Output Voltage Range: 0 – 5,000V AC
AC Withstand Test Mode Output Waveform: Sine Wave, Crest Factor = 1.3 – 1.5
AC Withstand Test Mode Current: Max. Ground Resistance: 1.0 ± 0.1
DC Withstand Test Mode Output Voltage Range: 0 – 6000V DC
DC Withstand Test Mode DC Output Ripple: <4% (6 KV/10 mA at Resistive Load)
Memory: 2,000 Steps, 200 Steps per Test File; Max 100,000 Test Results
Interface: USB, RS-232
Mounting: 2U Bench or Rackmount w/ Feet

Ratings/Approvals
EN 50191 Compliant

Special Orders - Special Requirements
Contact us for special requirements

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The XLE-EL-HF-230935 from Larson Electronics is a Hipot Tester with Insulation Resistance that is rated for 5 kV @ 30 mA AC, 6 kV @ 10 mA DC and features on-board data storage.
The XLE-EL-HF-230935 hipot tester operates on 100–120V AC / 200-240V AC with a ± 10% auto range. This unit features automatic operator shock protection, barcode capability, and can monitor voltage drop versus resistance. With on-board

data storage, test files and data can be easily imported and exported via USB.
Hipot Tester: A hipot tester, short for high-potential tester, is an electronic test device employed to assess the electrical insulation of components like cables and transformers. By applying higher-than-normal voltages between conductive parts and insulation, the tester checks if the insulation can withstand the specified voltage without allowing current flow. This test is crucial in manufacturing to ensure the safety and reliability of electrical products by identifying potential weaknesses in insulation that could lead to electrical hazards or breakdowns, helping maintain product quality and compliance with safety standards.
At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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Frequently Asked Questions (FAQ)

XLE-EL-HF-230935

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Export Control Classification Number (ECCN): EAR99

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Links (Click on the below items to view):

- **HigResPic1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**