Hoyt Low Voltage Detectors

CE

LVD-15 Low Voltage Detector

The non-contact Voltage Detector is intended to check for the presence of AC Voltage, signaling the user with an intermittent tone and a flashing LED.
The LVD-15 is used to detect voltage in outlets, lighting fixtures, circuit breakers, wires, and cables or to find a break in a wire.

Features

- Bright LED and audible alarm sound when voltage is present.
- Designed for non-contact voltage detection.
- Can be used to find a break in a wire.
- Flashlight function.
- ON/OFF switch for longer battery life.

Specifications

Voltage detection	50V~1000V AC
Frequency	50~500 Hz
Measurement category	CAT III 600V
Indication	LED and Tone
Operating conditions	Temperature : 0~40°C Humidity : Less than 80% R.H.
Altitude	2000m maximum
For indoor use only	√
Pollution degree	2

General

Dimensions	142(L) × 28(W) × 27(D)mm
Weight (battery included)	Approx. 45g
Power source	1.5V (AAA) × 2
Safety standard	EN 61010-1 CAT III 600V EN 61326-1

CE

LVD-17 Low Voltage Detector

The non-contact Voltage Detector is intended to check for the presence of AC Voltage, signaling the user with an intermittent tone and a flashing LED.
The LVD-15 is used to detect voltage in outlets, lighting fixtures, circuit breakers, wires, and cables or to find a break in a wire.

Features

- Microprocessor-controlled smart voltage detector.
- Bright LED and audible alarm sound when voltage is present.
- Designed for non-contact voltage detection.
- Sensitivity adjustable with thumbwheel.
- Adjustable for use on power wiring plus lighting, thermostats and other low voltage circuits.
- LED indication for battery condition.
- Identify Hot and Neutral.

Specifications

Voltage detection	5V~1000V AC
Frequency	50~500 Hz
Measurement category	CAT IV 1000V
Indication	LED and Tone
Operating conditions	Temperature : 0~40°C Humidity : Less than 80% R.H.
Altitude	2000m maximum
For indoor use only	√
Pollution degree	2

General

Dimensions	142(L) × 28(W) × 27(D)mm
Weight (battery included)	Approx. 39g
Power source	1.5V (AAA) × 1
Safety standard	EN 61010-1 CAT IV 1000V EN 61326-1

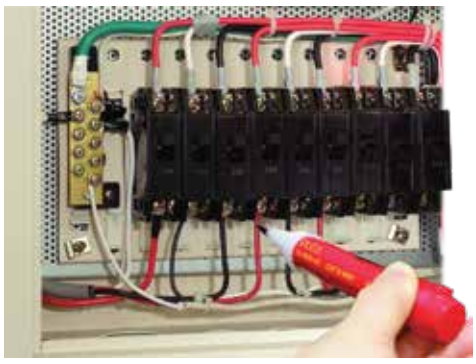
CE

LVD-18 Volt-Finger Detector / Driver

The Volt-Finger Detector/Driver is intended to check for the presence of AC Voltage, signaling the user with an intermittent tone and a flashing LED.
This insturment allows the user to do both of the direct contact voltage detection and the non-contact voltage detection

Features

- Bright LED and audible alarm sound when voltage is present.
- Designed for both contact and non-contact voltage detection.
- Direct contact voltage detection: 50V~600Vac.
- Non-contact voltage detection: 50V~600Vac.
- Can be used to detect voltage in lighting fixtures, circuit breakers.
- Compact and handy.
- Can be used to find a break in a wire.
- Continuity test and basic driver function..
- Flashlight.



Specifications

Direct contact voltage detection	50V~600Vac
Non-contact voltage detection	50V~600Vac
Frequency	50~500Hz
Measurement category	CAT III 600V
Indication	LED and Tone
Operating conditions	Temperature : 0~40°C
	Humidity : Less than 80% R.H.
Altitude	2000m maximum
Power source	1.5V (AAA) × 2

General

Dimension	165 (L) x 27 (W) x 22 (D) mm
Weight (batteries included)	Approx. 46g
Safety standard	EN 61010-1 CAT III 600V
	EN 61326-1

LVD-20 AC/DC Voltage Detector

The AC/DC Voltage Detector is intended to check for the presence of AC voltage and DC voltage used for bare wires or conductors, signaling the user with an audible tone and a visible LED.

Features

- Contact type.
- LED indication and audible alarm sound when voltage is present.
- Designed for AC/DC voltage detection.
- Used for bare wires or conductors.
- Self-test function.
- For indoor use only.
- Low power consumption.
- Light weight and compact.

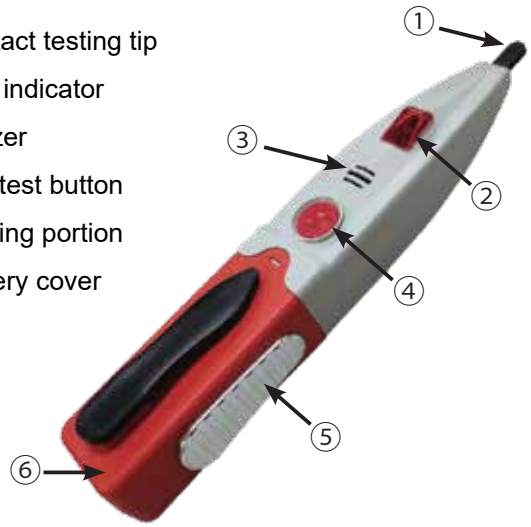
Specifications

Voltage detection	AC 12V ~ 600V DC 12V ~ 600V
Frequency	30 ~ 330 Hz
Measurement category	CAT. III 600V
Indication	LED and Tone
Temperature	0 ~ 40°C
Humidity	Less than 80% R.H.
Altitude	2000 m (6500 feet) maximum
Pollution degree	2

General

Dimension	148(L) x 27(W) x 25(D)mm
Weight	Approx. 57g (batteries included)
Power source	1.5V (AAA) battery x 2
Safety standard	EN 61010-1 EN 61326-1 IEC 61000-4-2 IEC 61000-4-3 IEC 61000-4-8

1 - Contact testing tip
2 - LED indicator
3 - Buzzer
4 - Self-test button
5 - Holding portion
6 - Battery cover



• AC voltage detection

• DC voltage detection

LVD-415 OverHead Lines Contact Voltage & Low Voltage Indicator

Features

- No batteries required.
- Every circuit is doubled.
- Buzzer indicates voltage detected.
- Led indicates voltage detected.
- Neon scale indicates voltage.
- Dual HBC fuses.
- High grade fiber glass probes. Super polished fiber glass.
- High strength connecting cord.
- Heavy duty rated.
- Replaceable tips. Choice of tips available.
- Strong strength reliefs.
- Double poles non-polarized.
- Suitable for 45 to 70 Hz networks.
- Contact detector type.
- Passive circuitry.
- Fiber glass 1.6mm - CU 35um PCB.
- Super bright neon lights and LEDs.
- Ergonomically-designed. Lightweight. Small storage space.

Have you ever try to measure the voltage between overhead lines or between Line and Earth?
Did you do it using a normal meter with normal test leads? Were you scared while doing it?
This is why the Double Check (LVD-415) was initially designed. Double Check is a Visual Voltmeter with a Neon Lights scale which lit proportionally to the voltage between the sticks, it also a Detector with bright Led and loud Sound indication on each side. The Double check has both sides identical, with at least, everything Doubled.
It's a CAT.IV Double pole Measurement System which has its poles long enough to be clear of the lines while testing them. These poles are made out of highly insulating Super Polished High Grade Fiber Glass. Their color is highly visible and it's strong and durable.
Both poles are electrically connected by a High Strength Spiraled and Highly Insulated Cord which is securely held by customized strength reliefs. Each circuit is fully fused by High Breaking Capacity Fuses.
Safety has been the most important factor while developing this product.
Each circuit is present on the left pole as well as on the right pole. Each circuit works independently from each other.
The cord connecting the poles is doubled as well, so each circuit has its own conductor going from one pole to the other.
The LVD415 has Visual Voltage Indicators (neons) which lit when the voltage between the poles is superior or equal to 110V, 220V, 280V and 415Vac.

Applications

Measure and confirm Overhead Voltage between Lines in all Safety due to the clearance from the probes contacts. This is done when, for example, using a bucket on a truck, then from the bucket, you can reach all the phases and check voltage between each phases.
Check voltage Presence between two conductors or between Phase and Earth.
Measure and Detect Voltage between Bus bars and between Bus bar Earth.
Use where you are not comfortable with your normal test leads. Tips can be changed for different types.
Available tips : Fork type, Piercing through Insulation, Cone, Flat tip, Other on Demand.

Specifications

Maximum Rating between Poles	450V
Category	IV
Poles	Fiber Glass
Handles	Rubber
Body	ABS

Fuses

Type	HBC/HRC
Rate of Rupture	Slow Blow
Current Rating	500mA
Voltage Rating	600V
Quantity	2

Voltmeter: The Neon Voltage Scale Indication

Neon lit when Voltage > or =	110V
Neon lit when Voltage > or =	220V
Neon lit when Voltage > or =	280V
Neon lit when Voltage > or =	415V
Accuracy on both voltage display	±20% of Rdg
Voltage Detector with LED Lit when Voltage between Probes	>25V ±20V

Voltage Detector with Buzzer

Buzzer Sounds when Voltage on tips	>25V ±20V

General

Total Length	1000m/m
Fiber Glass Length	795 m/m
Weight	700g
Operating temperature Range	1ºC to +55ºC
Storage Temperature	-20ºC to +70ºC
Safety Standard	EN 61010-031
	CAT IV 500V