

**Test &  
Measuring  
Equipment**

## Test Tools

# Test Tools

## General

For safe and quick detection of voltage presence, different voltage detectors are available. Approaching a voltage leading part, the voltage detectors will indicate this in several ways.

The line of voltage testers EazyVolt offer the ability to measure and indicate the exact voltage (AC/DC), phase indication, phase rotation and continuity.

The EazyAmp<sup>PLUS</sup> is a versatile electrical tester for measuring current up to 200 A in a CAT IV 600 V environment. All the models and the differences between them are shown in the selection diagram below.



## Portfolio



**VoltBeeper  
PLUS**

**EazyVolt  
Basic**

**EazyVolt  
PRO LED**

**EazyVolt  
PRO LCD**

**EazyAmp-  
PLUS**

**EazyPhase**

**LineSpotter**

**EazyLan**

|                                      | VoltBeeper<br>PLUS | EazyVolt<br>Basic | EazyVolt<br>PRO LED | EazyVolt<br>PRO LCD | EazyAmp-<br>PLUS | EazyPhase     | LineSpotter | EazyLan   |
|--------------------------------------|--------------------|-------------------|---------------------|---------------------|------------------|---------------|-------------|-----------|
| Indication                           | LED                | LED               | LED                 | LCD                 | LCD              | LED           |             | LED       |
| Optical indication voltage presence  | •                  | •                 | •                   | •                   | •                |               |             |           |
| Acoustic indication voltage presence | •                  | •                 | •                   | •                   | •                |               |             |           |
| Non-voltage detection                | •                  |                   |                     | •                   | •                |               |             |           |
| Voltage AC                           | •                  | •                 |                     | •                   | •                |               |             |           |
| Voltage DC                           |                    | •                 | •                   | •                   | •                |               |             |           |
| Current AC                           |                    |                   | •                   | •                   | •                |               |             |           |
| Resistance                           |                    |                   | •                   | •                   | •                |               |             |           |
| Continuity                           |                    | •                 | •                   | •                   | •                |               |             |           |
| Phase sequence                       |                    |                   |                     | •                   | •                | •             |             |           |
| RCD test                             |                    |                   | •                   | •                   | •                |               |             |           |
| Selftest                             | •                  |                   | •                   | •                   | •                |               |             |           |
| Hold function                        |                    |                   |                     | •                   | •                |               |             |           |
| Torch                                | •                  |                   | •                   | •                   | •                |               |             |           |
| Overvoltage category                 | CAT IV 600 V       | CAT III 600 V     | CAT IV 600 V        | CAT IV 600 V        | CAT IV 600 V     | CAT III 600 V |             |           |
| Battery                              | 2x 1.5 V AAA       | 2x 1.5 V AAA      | 2x 1.5 V AAA        | 2x 1.5 V AAA        | 2x 1.5 V AA      | 1 x 9 V       | 1 x 9 V     | 1 x 9 V   |
| Art. number                          | 626000837          | 626002000         | 626002032           | 626002060           | 626000863        | 626005051     | 62600553    | 626000810 |

VoltBeeper<sup>PLUS</sup>



Art. number: 626000837

Voltage detector



The VoltBeeper<sup>PLUS</sup> is an automatic non-contact voltage detector with optical and acoustic signal.

When approaching an AC voltage, the LED in the partly transparent tip of the test tool will illuminate bright red and a beeping signal is given. This is very convenient for detection under bright (sunny) circumstances or hidden locations.

The range of 50 – 1000 VAC makes the VoltBeeper<sup>PLUS</sup> universal applicable. As the acoustic signal makes that it also can be used in industrial environments

The VoltBeeper<sup>PLUS</sup> is also equipped with a flashlight, selftest, ON/OFF button and switches off automatically when inactive.

Features

- 50...1000 VAC
- Non contact voltage detection
- Optical and acoustical signal when voltage is detected
- Self test
- Flashlight
- Switches off automatically

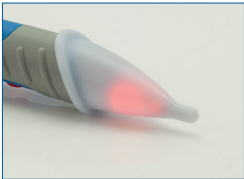
Specifications

Function

|                   |               |
|-------------------|---------------|
| Voltage detection | 50...1000 VAC |
|-------------------|---------------|

General

|                      |                               |
|----------------------|-------------------------------|
| Overvoltage category | CAT III 1000 V / CAT IV 600 V |
| Drop proof           | 1 meter                       |
| Standard             | EN 61010-1                    |
| Supply               | 2x 1.5 V AAA batteries        |
| Dimensions           | 158 x 25 x 21 mm              |
| Weight               | 48 g                          |
| Including            | Batteries, manual             |





# EazyVolt Basic Voltage tester

Art. number: 626002000

The EazyVolt Basic is a compact reliable robust automatic voltage tester up to 690 V, with the following functions:

- Measuring AC voltage
- Measuring DC voltage
- Single-pole phase detection
- Continuity

## Features

- Fully automatic
- Fail safe (no battery for VAC/DC measurement)
- Audible sound (when battery is OK)
- Schuko outlet compliant (19 mm)
- 1 hand operation



## Specifications

### Functions

|            |                  |
|------------|------------------|
| Voltage    | 10...690 VAC/DC  |
| Continuity | 0...500 kΩ +50 % |

### General

|                      |                                     |
|----------------------|-------------------------------------|
| Auto power on        | > 12 VAC/DC                         |
| LED resolution       | 12, 24, 50 120, 230, 400, 690 V     |
| Voltage detection    | Automatic                           |
| Frequency            | 50...60 Hz                          |
| Response time        | <1 s @ 100 % van each nominal value |
| IP protection        | IP 54                               |
| Overvoltage category | CAT III 600 V / CAT II 690 V        |
| Standards            | EN / IEC 61243-3:2014               |
| Supply               | 2x 1.5 V AAA batteries              |
| Dimensions           | 221 x 61 x 27 mm                    |
| Weight               | 155 g (incl. batteries)             |
| Including            | Batteries, manual                   |



# EazyVolt Pro LED+ 2-pole voltage tester



Art. number: 626002032

The EazyVolt Pro LED+ is a reliable and safe 8-in-1 automatic voltage tester up to 690 V, with the following functions:

- Measuring AC voltage
- Measuring DC voltage
- Phase detection (1-pole)
- Continuity
- Phase rotation
- Selftest
- Torch
- RCD test

## Features

- Fully automatic
- Audible sound
- Torch by ultra bright LED
- Stray voltage suppression
- Selectable probe tips 2 - 4 mm
- Side indication
- Water resistance (IP 65)
- Fail safe (no battery needed for VAC/DC measurements)
- Shuko power outlet compliant (19 mm)
- 3-phase rotation
- 1-hand operation



## Specifications

### Functions

|            |                |
|------------|----------------|
| Voltage    | 6...690 VAC/DC |
| Continuity | < 500 kΩ       |
| Frequency  | 16...800 Hz    |

### General

|                         |   |
|-------------------------|---|
| Auto power on           | > 6 VAC/DC  |
| LED resolution          | 6, 12, 24, 50 120, 230, 400, 690 V  |
| Voltage detection       | Automatic   |
| Response time           | <1 s  |
| IP class                | IP 65   |
| Overprotection category | CAT IV 600 V / CAT III 1000 V   |
| Drop proof              | 1 meter   |
| Standards               | EN 61010-1 /-031, EN 61243-3, EN 60529, EN 61557-7 /-10 /-1, EN 61326, EN 55011 |
| Approvals               | CE, TUV, GS   |
| Supply                  | 2x 1.5 V AAA batteries  |
| Dimensions              | 280 x 74 x 34 mm  |
| Weight                  | 220 g (incl. batteries)   |
| Including               | Batteries, manual   |



# EazyVolt Pro LCD

Art. number: 626002060



## 2-pole voltage tester

Thee EazyVolt Pro LCD is a reliable and safe 12-in-1 automatic voltage tester up to 1000 VAC and 1500 VDC, with the following functions:

- Measuring AC voltage up to 1000 V
- Measuring DC voltage up to 1500 V
- Phase detection (1-pole)
- Non contact voltage detection
- Resistance and frequency
- Continuity / diode
- RCD test
- Phase rotation

### Features

- large LCD with background illumination
- High resolution voltage measuring (0-30 V)
- Audible sound
- Vibration function
- Cable fault detection
- Torch by ultra bright LED
- Load test for suppression of ghost voltages
- Hold function
- Selectable probe tips 2 - 4 mm
- Side indication
- Water resistance (IP65)
- Self test
- Shuko power outlet compliant (19 mm)
- 1-hand operation



### Specifications

#### Functions

|            |                            |
|------------|----------------------------|
| Voltage    | 1...1000 VAC, 1...1500 VDC |
| Continuity | < 500 kΩ                   |
| Resistance | 0...2 kΩ                   |
| Frequency  | 16...800 Hz                |

#### General

|                         |   |
|-------------------------|---|
| Auto power on           | > 6 VAC/DC  |
| LCD resolution          | 0.1 V (1...29.9 V), 1 V (30...1500 V)   |
| Voltage detection       | Automatic   |
| Response time           | <1 s  |
| IP class                | IP 65   |
| Overprotection category | CAT IV 600 V / CAT III 1000 V   |
| Drop proof              | 1 meter   |
| Standards               | EN 61010-1 /-031, EN 61243-3, EN 60529, EN 61557-7 /-10 /-1, EN 61326, EN 55011 |
| Approvals               | CE, TUV, GS   |
| Supply                  | 2x 1.5 V AAA batteries  |
| Dimensions              | 280 x 74 x 34 mm  |
| Weight                  | 220 g (incl. batteries)   |
| Including               | Batteries, manual   |



True RMS current clamp  
open stroomvork

The EazyAmp<sup>PLUS</sup> is an user friendly current clamp with open jaw, to measure currents up to 200 A quick and safe.

The meter is equipped with a special screen and backlight to be able to measure well in less lit places. Also, the tester has a special low impedance stand to stray voltages to suppress.

The EazyAmp<sup>PLUS</sup> also measures AC/DC voltage, resistance, capacity, diode and continuity.

Features

- AC current up to 200 A
- AC/DC voltage up to 1000 V
- LowZ voltage measurement (low impedance)
- Resistance and capacity
- Continuity / diode test
- 'Negative' display and illuminated buttons
- Max-min mode
- Measuring point illumination



Specifications

Functions

|            | Max. range           | Accuracy                               |
|------------|----------------------|--|
| Voltage    | 1000 VAC<br>1000 VDC | $\pm 1.2 \% + 5d$<br>$\pm 0.9 \% + 5d$ |
| Current    | 200 AAC              | $\pm 3.0 \% + 5d$                      |
| Resistance | 60 M $\Omega$        | $\pm 1.0 \% + 4d$                      |
| Capacity   | 4000 $\mu F$         | $\pm 3.0 \% + 5d$                      |

General

|                      |   |
|----------------------|---|
| Max. jaw opening     | 16 mm   |
| Display resolution   | 6000d   |
| Overvoltage category | CAT IV 600 V / CAT III 1000 V                   |
| Standard             | EN 61010-1 (CE)                                 |
| Supply               | 2x 1.5 V AA batteries                           |
| Dimensions           | 230 x 64 x 43 mm                                |
| Weight               | 230 g   |
| Including            | Test leads, test probes, bag, batteries, manual |





Phase- / motor rotation tester

The EasyPhase is a 4-in-1 test tool for indication of phase rotation, indication of an open phase and field rotation indication of motors. The tester is ideal for installing conveyor lines, pump systems and interconnected drivers.

Features

- Determine rotary field direction
- Determine motor connection
- Indication of open phase
- Magnetic field detection



Specifications

Functions

|           |               |
|-----------|---------------|
| Voltage   | 120...600 VAC |
| Frequency | 2...400 Hz    |

General

|                      |   |
|----------------------|---|
| Power consumption    | Approx. 3.5 mA at phase rotation<br>Approx. 20 mA at motor rotation |
| Overvoltage category | CAT III 600 V   |
| Standards            | EN 61010-1  |
| Supply               | 1x 9 V battery  |
| Dimensions           | 275 x 124 x 61 mm   |
| Weight               | 130 g   |
| Including            | Test leads, alligator clamps, bag, battery, manual                  |



LineSpotter

Art. number: 626000553



LineSpotter



The LineSpotter is een detection device, designed to locate cables and metal plumbing in walls, floors or ceilings. And to identify fuses/ mcb's.

The principle of the LineSpotter is based on a transmitter and receiver. The transmitter sends a signal of 10.6 kHz, which can be traced or located with the receiver. The receiver can be adjusted into 3 sensitivity modes, low - middle - high. The additional trimmer performs the fine tuning.

Features

- Tracing of cables in walls, ceilings, floors or ground up to 20 cm
- Indiction under live and not connected situations
- Location of cable interruptions or short circuits
- Location of hidden sockets or distribution boxes
- Locating fuses and assignment to circuits
- Determine individual wires in a bundle
- Tracing of plumbing or other conductive loops

Specifications

Transmitter

|                       |                       |
|-----------------------|-----------------------|
| Low battery indicator | yes                   |
| Supply                | 4x AA 1.5 V batteries |
| Dimensions            | 150 x 80 x 50 mm      |
| Weight                | 280 g                 |

Receiver

|                          |                  |
|--------------------------|------------------|
| Signal                   | 10.6 kHz         |
| Average injected current | 1 A              |
| Low battery indicator    | yes              |
| Standard                 | EN 61010-1       |
| Supply                   | 1x 9 V battery   |
| Dimensions               | 180 x 45 x 45 mm |
| Weight                   | 150 g            |

|           |   |
|-----------|---|
| Including | Test leads, test probes, alligator clamps, bag, batteries, manual |
|-----------|---|

UTP/STP RJ45 LAN cable tester



The EazyLAN is a handheld cable tester, suitable for fast and easy testing of UTP/STP network cables (RJ45).

The EazyLAN is equipped with a manual and auto test mode and gives the user a good/fault indication at the end of a test.

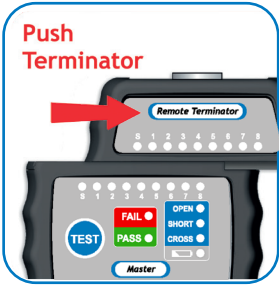
If the cable has failed the EazyLAN will indicate via LEDs whether the cable is broken, shorted or has cross cable conductors, and also which conductors are affected.

An audible beep will indicate if the tested cable has passed or failed the test. The tester is battery operated.

- Continuity test
- Good  
Fault, open  
Fault, cross  
Fault, short

Features

- Automatic and manual test sequence
- Good / fault indication
- Auto power off
- Suitable for RJ45 UTP & STP cables











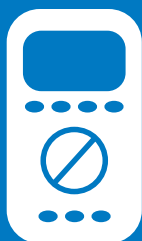
Specifications

General

|                          |                      |
|--------------------------|----------------------|
| Indication empty battery | Yes                  |
| IP-class                 | IP 64                |
| Standards                | EN 61000-4 2/3       |
| Supply                   | 1x 9 V battery       |
| Dimensions               | 103 x 77 x 31 mm     |
| Weight                   | 165 g                |
| Including                | Bag, battery, manual |



|  |  |  |   |
|--|--|--|---|
|  <p><b>Holster</b><br/>(EazyAmp, EazyVolt series,<br/>EazyTester)</p> <p>Art. number: 626000629</p> |  <p><b>Bag</b><br/>(EazyAmp, EazyVolt series,<br/>EazyTester)</p> <p>Art. number: 626000483</p> |  <p><b>Test leads</b><br/>with 2 mm probes</p> <p>Art. numbers:<br/>626006000 rood<br/>626006001 zwart</p>                   |  <p><b>Selective probe</b><br/>(LineSpotter)</p> <p>Art. number: 626000654</p>       |
|  <p><b>EazyPhase test cables</b></p> <p>Art. number: 626005037</p>                                  |  <p><b>Probe tips</b><br/>(EazyVolt series)</p> <p>Art. number: 626006024</p>                   |  <p><b>Mini current clamp adapter</b><br/>(LineSpotter, art. no 626000687<br/>is necessary)</p> <p>Art. number: 626000770</p> |  <p><b>Adapter cable set</b><br/>(Mini stroomtang)</p> <p>Art. number: 626000687</p> |



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