EXTOL CRAFT 422800 Voltage Tester Test Light Instruction Manual

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EXTOL CRAFT 422800 Voltage Tester Test Light

Contacts

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Manufacturer: Madal Bal a. s., Průmyslová zóna Příluky 244, 76001 Zlín, Czech Republic Date of issue: 16. 9. 2017

- The single probe voltage tester Extol® Craft is intended for determining the presence of voltage in the 100-250 V ~50/60 Hz voltage and frequency range, where the probe (bit) of the tester is placed on the tested item while the metal part on the top red part of the handle is touched, which illuminates the glow lamp in the handle when voltage is present in the specified range.

Technical specifications

Voltage testing range: 100-250 V ~50/60 Hz
Max. nominal voltage: 250 V ~50/60 Hz
Protection: IP54
Ambient temperature: -10 °C to +50° C
Impedance: 1 MΩ
Internal impedance for ELV AC voltage (up to 5 V AC) –
ELV indication: single pole testers do not have ELV indication (up to 50 V AC)
Time load limit and recovery time: no limit
Voltage presence indication: only light (glow lamp in handle)
Power source: only when the touch probe is in contact with the testing voltage (no batteries)

- The tester is intended for standard use in the ambient temperature range of -10°C to +50°C and relative humidity of 20% to 96% in an environment without atmospheric
  precipitation and mist and only on electrical installations in the rated voltage range. When a working tester does not detect voltage in the tested location, it
  does not mean that it is not under voltage. The tester detects only in the above-specified voltage range.
- Before using the tester, visually inspect it for damage and check that it is intact. Damage is considered to constitute changes to the integrity of the handle, insulation
  on the stem, mechanical damage to the probe, etc. Do not use a damaged tester; replace it with an undamaged one. Prior to use, the tester must be perfectly dry, free
  of soiling, mechanical particles (dust), grease, etc.
- Prior to performing the required measurements, check the working order and reliability of the tester on tested voltage in the range 100-250 V ~50/60 Hz. The light
  signal must be immediately illuminated in the presence of voltage. In the event that the signaling of voltage does not work, the tester must not be used for measurement.
  To verify the presence of voltage, another adequate voltage tester may be used.

Method of use

- Hold the tester in the natural way by the holding part (handle), then place the touch probe on to the testing location and then touch the metal part in the centre of
  the red upper part of the handle. The handle must be held in such a way so that the visual signal in the handle remains visible. When using the tester, it must be
  ensured that the touch probe is not touching other conductors or probes. When using the tester, never touch the uninsulated parts of the tester‘s touch probe.

Safety Instructions

- The tester is designed for use by „knowledgeable persons“ (persons with appropriate electrical qualifications) and in accordance with safe work methods.
- Prevent children and unfit persons from using the tester, and ensure that children do not play with the tester.
- Unauthorized persons must not disassemble the tester.
  When the tester is in perfect working order, there is no reason to disassemble the tester.
- Do not use the tester for any other purpose than that for which it is designed, e.g. as a screwdriver, and do not modify it.
  Standard EN 61243-3 requires that the user‘s manual for the tester contain the following information:
- Depending on the internal impedance of the voltage tester, the ability to indicate the presence or non-presence of operating voltage in the case of the presence of disturbing voltage will vary. A voltage tester with a relatively low internal impedance relative to a reference point of 100 KΩ will not detect all disruptive voltages, which have an initial voltage above the ELV level.
- When in contact with locations that are to be tested, the voltage tester may temporarily discharge the disruptive voltage under the ELV level, however, that will return to
  the initial value when the voltage tester is removed.
- When the voltage presence indication light is not illuminated, it is recommended to install a grounding device before work.
- A voltage tester with a relatively high internal impedance relative to a reference point of 100 KΩ, must not be permitted to clearly indicate the non-presence of operating
  voltage in the case of the presence of disruptive voltage.
- When the indication „voltage present“ appears on a part that is according to expectation disconnected from the installation, it is highly recommended to confirm this by
  other means (e.g. using an adequate voltage tester, visual inspection of the disconnected electrical circuit, etc.) that there is no operating voltage on the side that is to
  be tested, and the conclusion is reached that the voltage indicated by the voltage tester is disruptive voltage.
- Voltage tester declaring two values of internal impedance and meeting the controlled disruptive voltage performance test (within technical possibilities) and is capable of distinguishing operating voltage from disruptive voltage and has means directly or indirectly, what type of voltage is present.

Cleaning and maintenance

- Do not use any organic solvents to clean the tester as this would damage the plastic parts of the tester, nor any abrasive or corrosive cleaning products.

MEANING OF TEST SYMBOLS NOT MENTIONED IN THE TEXT:

	Warning.
CAT III	Overvoltage category of device.
	Suitable for work under voltage.
EN 61243-3:2014	European testing standard.

Storage

- Store the dry and cleaned tester in a clean dry place at a temperature up to 45°C out of children‘s reach.

Disposal of electrical waste

- Do not dispose of the unserviceable product together with household waste, but rather take it to a collection facility for electrical equipment. According to Directive 2012/19 EU, products containing electrical components must not be disposed of with household waste. You can find information about electrical equipment collection points at your local town council office.

Warranty and service

- For warranty repairs of the product, please contact the vendor from whom you purchased the product and they will take care of the complaint at an authorized service center for the Extol® brand. For a post-warranty repair, please contact the authorized service center of the Extol® brand directly (you will find the repair locations at the website at the start of this user‘s manual).
- The product is covered by a 2-year warranty from the date of sale according to law. If requested by the buyer, the seller is obliged to provide the buyer with the warranty conditions (rights relating to faulty performance) in written form.
- Free warranty repairs relate only to manufacturing defects on the product (hidden and external) and do not relate to the wear of the product as a result of excessive load or normal use or damage of the product caused by incorrect use.

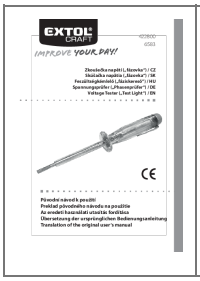
EU Declaration of Conformity

Manufacturer: Madal Bal a.s. • Bartošova 40/3, CZ-760 01 Zlín • Company ID No.:49433717 hereby declares that the device designated below, based on its concept and design, as well as designs sold on the market, comply with applicable safety requirements of the European Union. This declaration becomes void in the event of modifications to the product that are not approved by us.

This declaration is issued under the exclusive responsibility of the manufacturer.
Extol® Craft 422800/6583 – Voltage tester 100-250 V ~50/60 Hz (test light) in conformity with the following standards: EN 61243-3:2014; EN 61326-1:2013+AC1; EN 61326-2-2+AC1:2013 and harmonization directives: 2014/35 EU; 2011/65 EU; 2014/30 EU
Place and date of issue of EU Declaration of Conformity: Zlín 18.8.2017
A person authorized to write up the EU Declaration of Conformity on behalf of the manufacturer (signature, name, function)

Martin Šenkýř, member of the Board of the manufacturer

Documents / Resources

	EXTOL CRAFT 422800 Voltage Tester Test Light [pdf] Instruction Manual 422800, Voltage Tester Test Light, 422800 Voltage Tester Test Light, Tester Test Light, Test Light, Light, Voltage Tester, Tester

References

- | Extol.cz
- Extol
- | Extol.hu
- EXTOL - náradie pre remeselníkov, domácich majstrov aj profesionálov