



**TX5053-4  
DEADLINE  
VOLTAGE  
CHECKER**

**DATA SHEET**

**ATEX Grp I + II  
INTRINSICALLY SAFE**



ATEX + MASC  
Grp I + II  
Intrinsically Safe

**FOR USE ON**

- » FORUSEON
- » CABLES
- » BUSBARS
- » TERMINALS
- » FUSEGEAR
- » DISTRIBUTION BOARDS
- » SWITCHES
- » CONTROL PANELS SWITCHGEAR
- » MOTORS
- » ISOLATORS
- » COUPLERS
- » JUNCTION BOXES IN HAZARDOUS AREAS



**HANDHELD, ac VOLTAGE SAFETY CHECKING INSTRUMENT**

- » **Rechargeable batteries**

- » **Versatile**

The Cheker is a professional tool for both commercial and arduous industrial applications.

- » **Designed for survival**

Completely sealed against dust + moisture.

- » **Convenient**

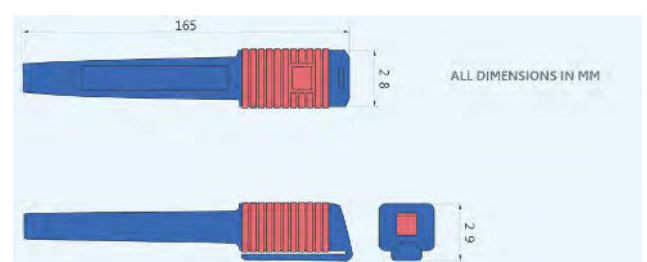
The Cheker provides a quick, final safety check when about to work on electrical equipment.

It will detect whether a conductor is live or dead without the need for actual contact.

## TECHNICAL DETAILS

<b>Sensing voltage</b>	<b>TX5053:</b> 35 V ac upwards <b>TX5054:</b> 150 V ac upwards
<b>LED indicator</b>	LED flashes twice per second to indicate Cheker is charged and not detecting live voltages. LED lights continuously upon detection of a live voltage
<b>Case insulation breakdown voltage</b>	>20 kV
<b>Protection classification</b>	Dust and Waterproof to IP66
<b>Net weight</b>	75 g (packed)
<b>Battery capacity</b>	72 hours continuous use per charge or 6 months intermittent use
<b>Charging</b>	14 hours (use only Cheker Charger)
<b>Certification</b>	<p><b>TX5053</b>  II 1G EEx ia IIC T6  Baseefa 03ATEX0206X  (fitted with RED rubber grip)</p> <p><b>TX5054</b>  M1 EEx ia I  Baseefa03ATEX0206X  (fitted with BLACK rubber grip)</p> <p><b>TX5053</b>  Ex ia IIC T6  MASC MS/25-8632X</p> <p><b>TX5054</b>  Ex ia I  MASC MS/25-8632X</p>

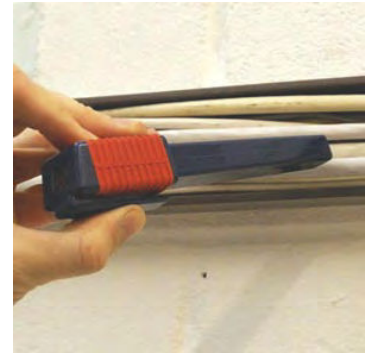
**Note:** The LED indicator does not indicate the calibration status of the Cheker. A confidence test should be performed upon the Cheker prior to usage. The Cheker should be returned to Trolex for an annual service and calibration check.



**INDUCTIVE CHARGING**

**BATTERY CHARGING COULDN'T BE EASIER.**

**SIMPLY DROP THE CHEKER INTO THE MAINS POWERED CHEKER CHARGER.**



**ORDER REFERENCE**

Option	Description
TX5053.02	Voltage Cheker (Red sleeve) - ATEX Grp II
TX5053.16	Voltage Cheker (Red sleeve) - MASC Grp II
TX5054.01	Voltage Cheker (Black sleeve) - ATEX Grp I
TX5054.05	Voltage Cheker (Black sleeve) - MASC Grp I

## DISPOSAL



Exhausted batteries contain mildly corrosive substances and must be disposed of in the correct manner. Make sure that the battery is completely discharged before disposal.

**Do not incinerate as this may result in an explosion.**

**Note:** Consult our product support department if you require assistance.

## DISCLAIMER

The information provided in this document contains general descriptions and technical characteristics of the performance of the product. It is not intended as a substitute for and is not to be used for determining suitability or reliability of this product for specific user applications. It is the duty of any user or installer to perform the appropriate and complete risk assessment, evaluation and testing of the products with respect to the specific application or use. Trolex shall not be responsible or liable for misuse of the information contained herein. When instruments are used for applications with technical safety requirements, the relevant instructions must be followed.

All pertinent state, regional, and local safety regulations must be observed when installing and using this instrument. For reasons of safety and to help ensure compliance with documented system data, only Trolex or its affiliates should perform repairs to components.

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**At Trolex, we save lives.**

We believe that no person should risk their life to earn a living.

Our aim is to become the world's leading name in health and safety technology, through pioneering products that provide real-world benefits to our customers, whenever workers operate in hazardous environments.

For more information about Trolex, please contact us at:

**Website**

[www.trolex.com](http://www.trolex.com)

**Enquiries**

[sales@trolex.com](mailto:sales@trolex.com)

**Telephone**

+44 (0) 161 483 1435

**Trolex Ltd**

Newby Road, Hazel Grove  
Stockport, Cheshire  
SK7 5DY, United Kingdom

**@TrolexUK**

