



EDC 2 (2590) DTZS

IEC 62893-1:2017+A1:2020

## **DRAFT TANZANIA STANDARD**

**(Draft for comments only)**

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**Charging cables for electric vehicles for rated voltages up to and including 0,6/1 kV - Part 1: General requirements**

Draft for Stakeholders comments only

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**TANZANIA BUREAU OF STANDARDS**

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## **1 National Foreword**

This draft Tanzania Standard is being prepared by the ELV and Energy Storage Systems Technical Committee, under the supervision of the Electrotechnical Divisional Standards Committee (EDC)

This draft Tanzania Standard is an adoption of the International Standard IEC 62893-1:2017+A1:2020, *Charging cables for electric vehicles for rated voltages up to and including 0,6/1 kV - Part 1: General requirements*, which has been prepared by the International Electrotechnical Commission (IEC).

## **2 Terminology and conventions**

Some terminologies and certain conventions are not identical with those used in Tanzania Standards; Attention is drawn especially to the following:

- 1) The comma has been used as a decimal marker for metric dimensions. In Tanzania Standards, it is current practice to use “full point” on the baseline as the decimal marker; and
- 2) Where the words “International Standard(s)” appear, referring to this standard they should read “Tanzania Standard(s)”.

### **3 Scope**

This standard specifies construction, dimensions and test requirements for cables with extruded insulation and sheath having a voltage rating of up to and including 0,6/1 kV AC or up to and including 1 500 V DC for flexible applications under harsh conditions for the power supply between the electricity supply point of the charging station and the electric vehicle (EV). The EV charging cable is intended to supply power and, if needed, communication to an EV or plug-in hybrid vehicle (PHEV).

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