



SLOVENSKI STANDARD SIST EN ISO 16230-1:2015

01-december-2015

Kmetijski stroji in traktorji - Varnost električnih in elektronskih delov in sistemov pri visoki napetosti - 1. del: Splošne zahteve (ISO 16230-1:2015)

Agricultural machinery and tractors - Safety of higher voltage electrical and electronic components and systems - Part 1: General requirements (ISO 16230-1:2015)

Landmaschinen und Traktoren - Sicherheit von elektrischen und elektronischen Bauteilen und Systemen mit höherer Spannung - Teil 1: Generelle Anforderungen (ISO 16230-1:2015)

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Tracteurs et matériels agricoles - Sécurité des composants et des systèmes électriques et électroniques haute tension - Partie 1: Exigences générales (ISO 16230-1:2015)

Ta slovenski standard je istoveten z: **EN ISO 16230-1:2015**

ICS:

65.060.01	Kmetijski stroji in oprema na splošno	Agricultural machines and equipment in general
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EUROPEAN STANDARD

EN ISO 16230-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2015

ICS 65.060.01

English Version

Agricultural machinery and tractors - Safety of higher voltage electrical and electronic components and systems - Part 1: General requirements (ISO 16230-1:2015)

Tracteurs et matériels agricoles - Sécurité des composants et des systèmes électriques et électroniques haute tension - Partie 1: Exigences générales (ISO 16230-1:2015)

Landmaschinen und Traktoren - Sicherheit von elektrischen und elektronischen Bauteilen und Systemen mit höherer Spannung - Teil 1: Generelle Anforderungen (ISO 16230-1:2015)

This European Standard was approved by CEN on 29 August 2015.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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European foreword

This document (EN ISO 16230-1:2015) has been prepared by Technical Committee ISO/TC 23 “Tractors and machinery for agriculture and forestry” in collaboration with Technical Committee CEN/TC 144 “Tractors and machinery for agriculture and forestry” the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by March 2016, and conflicting national standards shall be withdrawn at the latest by March 2016.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this document.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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Endorsement notice

The text of ISO 16230-1:2015 has been approved by CEN as EN ISO 16230-1:2015 without any modification.

Annex ZA (informative)

Relationship between this International Standard and the Essential Requirements of EU Directive 2006/42/EC

This International Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association to provide a means of conforming to Essential Requirements of the New Approach Directive 2006/42/EC on machinery

Once this standard is cited in the Official Journal of the European Union under that Directive and has been implemented as a national standard in at least one Member State, compliance with the normative clauses of this standard confers, within the limits of the scope of this standard, a presumption of conformity with the Essential Requirement 3.4.3 of that Directive and associated EFTA regulations.

NOTE In addition, compliance with EN ISO 16231-2 is required to achieve presumption of conformity with the Essential Requirement indicated in this Annex.

WARNING — Other requirements and other EU Directives may be applicable to the product(s) falling within the scope of this standard.

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INTERNATIONAL
STANDARD

ISO
16230-1

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**Agricultural machinery and
tractors — Safety of higher voltage
electrical and electronic components
and systems —**

Part 1:

General requirements

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*Tracteurs et matériels agricoles — Sécurité des composants et des
systèmes électriques et électroniques haute tension —*

Partie 1: Exigences générales

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is ISO/TC 23, *Tractors and machinery for agriculture and forestry*, Subcommittee SC 3, *Safety and comfort*.

ISO 16230 consists of the following parts, under the general title *Agricultural machinery and tractors — Safety of higher voltage electrical and electronic components and systems*:

— *Part 1: General requirements*