

Nederlandse norm

NEN-ISO 14572

(en)

Road vehicles - Round, screened and unscreened 60 V and 600 V multi-core sheathed cables - Test methods and requirements for basic and high-performance cables (ISO 14572:2006, IDT)

Vervangt NEN-ISO 14572:2002

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Als Nederlandse norm is aanvaard:

- ISO 14572:2006, IDT

VOORBEELD
Preview

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INTERNATIONAL STANDARD

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Second edition
2006-11-15

Road vehicles — Round, screened and unscreened 60 V and 600 V multi-core sheathed cables — Test methods and requirements for basic and high-performance cables

*Véhicules routiers — Câbles multiconducteurs sous gaine, ronds,
blindés et non blindés, de 60 V et 600 V — Méthodes d'essai et
exigences pour les câbles à performances de base et à hautes
performances*

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Reference number
ISO 14572:2006(E)

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Voorbereid
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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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.

ISO 14572 was prepared by Technical Committee ISO/TC 22, *Road vehicles*, Subcommittee SC 3, *Electrical and electronic equipment*.

This second edition cancels and replaces the first edition (ISO 14572:2001), which has been technically revised.

Voorbereid
Preview

Road vehicles — Round, screened and unscreened 60 V and 600 V multi-core sheathed cables — Test methods and requirements for basic and high-performance cables

1 Scope

This International Standard specifies test methods and requirements for basic and high-performance round, screened and unscreened, multi-core sheathed cables, intended for use in road vehicle applications.

The unscreened, single-core cables must be in accordance with ISO 6722. Other cores may be used but, in these cases, the construction and tests required to ensure functionality of these cores must be agreed between the customer and supplier. See ISO 6722 for temperature classes.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 4892-2:2006, *Plastics — Methods of exposure to laboratory light sources — Part 2: Xenon-arc lamps*

ISO 6722:2006, *Road vehicles — 60 V and 600 V single-core cables — Dimensions, test methods and requirements*

IEC 60811-1-1:2001, *Common test methods for insulating and sheathing materials of electric cables and optical cables — Part 1-1: Methods for general application — Measurement of thickness and overall dimensions — Tests for determining the mechanical properties*

IEC 61196-1-100:2005, *Coaxial communication cables — Part 1-100: Electrical test methods — General requirements*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

basic performance cable

cable meeting basic requirements for general automotive applications

3.2

core

assembly comprising a conductor (and screens if any) with its own insulation

3.3

high-performance cable

cable meeting all basic requirements and having enhanced mechanical and/or environmental performance (as defined by the customer)

3.4

screen

conductive material intended to reduce the penetration and/or radiation of a varying electromagnetic field into an assigned region

3.5

unscreened

absence of a screen

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