

Cables for signs and luminous-discharge-tube installations operating from a no-load rated output voltage exceeding 1 kV but not exceeding 10 kV

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 50143:2002 sisaldab Euroopa standardi EN 50143:1997 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 18.12.2002 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 50143:2002 consists of the English text of the European standard EN 50143:1997.</p> <p>This document is endorsed on 18.12.2002 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala: EN 50143 applies to single core cables of rated voltage U_0/U up to and including 5/10 kV used with electric signs and high-voltage luminous-discharge-tube installations. These cables are for use in installations complying with EN 50107. The particular types of cables are specified in clause 6-9 of this standard.</p>	<p>Scope: EN 50143 applies to single core cables of rated voltage U_0/U up to and including 5/10 kV used with electric signs and high-voltage luminous-discharge-tube installations. These cables are for use in installations complying with EN 50107. The particular types of cables are specified in clause 6-9 of this standard.</p>
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ICS 29.060.20

Võtmesõnad: electric cable, electric conductor, electrical equipment

Cables for signs and luminous-discharge-tube installations operating from a no-load rated output voltage exceeding 1 kV but not exceeding 10 kV

Câbles pour installations d'enseignes et de tubes à décharges lumineuses fonctionnant avec une tension à vide supérieure à 1 kV mais ne dépassant pas 10 kV

Leitungen für Leuchtröhrengeräte und Leuchtröhren-Anlagen mit einer Leerspannung über 1 kV aber nicht über 10 kV

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CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

This European Standard was prepared by the Technical Committee CENELEC TC 20, Electric cables, with the support of CENELEC BTTF 60-2, Electrical discharge lamp installations.

The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 50143 on 1996-12-09.

The following dates were fixed:

- latest date by which the EN has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 1997-12-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 1997-12-01

Annexes designated "normative" are part of the body of the standard.
In this standard, all annexes are normative.

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1. SCOPE

1.1 General

EN 50143 applies to single core cables of rated voltage U_0/U up to and including 5/10 kV used with electric signs and high-voltage luminous-discharge-tube installations. These cables are for use in installations complying with EN 50107.

The particular types of cables are specified in clauses 6-9 of this standard.

1.2 Object

The objects of this European standard are:

- to standardise cables that are safe and reliable when properly used, in relation to the technical requirements of the installation of which they form a part.
- to state the characteristics and manufacturing requirements which have a direct or indirect bearing on safety.
- to specify methods for checking conformity with these requirements.

2. NORMATIVE REFERENCES

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 50107:	Signs and luminous-discharge-tube installations operating from a no-load rated output voltage exceeding 1000 V but not exceeding 10000 V
EN 60811:	Common test methods for insulating and sheathing materials of electric cables
HD 21:	PVC insulated cables of rated voltage up to 450/750 V
HD 22:	Rubber insulated cables of rated voltage up to 450/750 V
HD 383:	Conductors of insulated cables
HD 405:	Tests on electric cables under fire conditions
HD 602:	Test on gases evolved during the combustion of materials from cables. Determination of degree of acidity (corrosivity) of gases by measuring pH and conductivity
HD 606:	Measurement of smoke density of electric cables burning under defined conditions