

STN	Elektrické káble Nízkonapäťové káble na menovité napätia do 450/750 V (U_o/U) vrátane Časť 1: Všeobecné požiadavky Zmena A1	STN EN 50525-1/A1 34 7410
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Electric cables.Low voltage energy cables of rated voltages up to and including 450/750 V (U₀/U).Part 1:General requirements

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 12/22

STN EN 50525-1 z mája 2012 sa bez tejto zmeny A1 môže používať do 10. 10. 2025.

Obsahuje: EN 50525-1:2011/A1:2022

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EUROPEAN STANDARD
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English Version

Electric cables - Low voltage energy cables of rated voltages up to and including 450/750 V (U0/U) - Part 1: General requirements

Câbles électriques - Câbles d'énergie basse tension de tension assignée au plus égale à 450/750 V (U0/U) - Partie 1: Exigences générales

Kabel und Leitungen - Starkstromleitungen mit Nennspannungen bis 450/750 V (U0/U) - Teil 1: Allgemeine Anforderungen

This amendment A1 modifies the European Standard EN 50525-1:2011; it was approved by CENELEC on 2022-10-10. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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 CENELEC member.

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

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

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EN 50525-1:2011/A1:2022 (E)**Contents**

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European foreword

This document (EN 50525-1:2011/A1:2022) has been prepared by CLC/TC 20 “*Electric cables*”.

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2023-10-10
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2025-10-10

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

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

EN 50525-1:2011/A1:2022 (E)**1 Modifications to the Contents**

Under chapter 7, below Clause 7.5, Add the following new clause:

“7.6 Reaction to Fire”

In the entry for Annex E, delete “... and its derivation from HD 21 and HD 22”

Below Annex E, add the following new title:

“Annex ZB (normative) Special National Conditions”

In Tables, delete:

“Table E.2 – Specific structure of EN 50525 and its derivation from HD 21 and HD 22”

“Table E.3 – Location of each part of HD 21 and HD 22”

And replace with “Table E.2 – References to previous standards HD 21 and HD 22”

2 Modifications to the Introduction

Delete the text and replace with:

“This document provides the general part of series EN 50525. The individual product standard parts in Annex-E are for equipment manufacturers, installers and end-users.

The use of these cable standards in a different way than that recommended by EN 50565-1 and EN 50565-2 could result in a lowering of safety and/or in a reduction of the expected life of the cable.

For the relationship with EU Directive (2014/35/EU) see informative Annex ZZ of the individual parts. This part contains only the general requirements. Each separate product standard part refers to this part.

In some countries local regulation(s) may define reaction of fire performances if the product is for permanent installation in works. Performance requirements are those given in EN 50575 for relevant properties.”

3 Modifications to the Scope

In the second line, delete “a.c.” and replace it with “AC”

In NOTE 2, delete “(a.c.)” and “(d.c.)”.

4 Modifications to Clause 2, “Normative references”

Delete the following references:

“

EN 50267-2-1, *Common test methods for cables under fire conditions – Tests on gases evolved during combustion of materials from cables – Part 2-1: Procedures – Determination of the amount of halogen acid gas*

EN 50267-2-2, *Common test methods for cables under fire conditions – Tests on gases evolved during combustion of materials from cables – Part 2-2: Procedures – Determination of degree of acidity of gases for materials by measuring pH and conductivity*

HD 516, *Guide to use of low voltage harmonized cables*

”

And replace with the following references:

EN 50525-1:2011/A1:2022 (E)

“

EN 50565-1, *Electric cables - Guide to use for cables with a rated voltage not exceeding 450/750 V (U0/U) - Part 1: General guidance*

EN 50565-2, *Electric cables - Guide to use for cables with a rated voltage not exceeding 450/750 V (U0/U) - Part 2: Specific guidance related to EN 50525 cable types*

EN 50575, *Power, control and communication cables - Cables for general applications in construction works subject to reaction to fire requirements*

EN 60754-1, *Test on gases evolved during combustion of materials from cables - Part 1: Determination of the halogen acid gas content*

EN 60754-2, *Test on gases evolved during combustion of materials from cables - Part 2: Determination of acidity (by pH measurement) and conductivity*

”

koniec náhľadu – text ďalej pokračuje v platenej verzii STN