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Irish Standard
I.S. EN 50341-2-23:2016

Overhead electrical lines exceeding AC 1 kV – Part 2-23: National Normative Aspects (NNA) for SLOVAKIA (based on EN 50341-1:2012)

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This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):

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National Foreword

I.S. EN 50341-2-23:2016 is the adopted Irish version of the European Document EN 50341-2-23:2016, Overhead electrical lines exceeding AC 1 kV – Part 2-23: National Normative Aspects (NNA) for SLOVAKIA (based on EN 50341-1:2012)

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 50341-2-23

December 2016

ICS 29.240.20

English Version

Overhead electrical lines exceeding AC 1 kV - Part 2-23: National Normative Aspects (NNA) for SLOVAKIA (based on EN 50341-1:2012)

Lignes électriques aériennes dépassant 1 kV en courant alternatif - Partie 2-23: Aspects normatifs nationaux pour la SLOVAQUIE (basé sur l'EN 50341-1:2012)

This European Standard was approved by CENELEC on 2016-09-20. CENELEC 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 CENELEC 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 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

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

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Contents

Page

1 Scope ... 7
1.1 General ... 7
1.2 Field of application ... 7
2 Normative references, definitions and symbols ... 7
2.1 Normative references ... 7
2.2 Definitions ... 10
2.3 Symbols ... 10
3 Basis of design ... 12
3.2 Requirements of overhead lines ... 12
3.2.2 Reliability requirements ... 12
3.2.5 Strength coordination ... 12
3.2.6 Additional considerations ... 12
4 Actions on lines ... 13
4.3 Wind loads ... 13
4.3.1 Field of application and basic wind velocity ... 13
4.3.2 Mean wind velocity ... 13
4.3.3 Mean wind pressure ... 13
4.4 Wind forces on overhead line components ... 13
4.4.1 Wind forces on conductors ... 13
4.4.2 Wind forces on insulator sets ... 14
4.4.3 Wind forces on lattice towers ... 15
4.4.4 Wind forces on poles ... 15
4.5 Ice loads ... 15
4.5.1 General ... 15
4.6 Combined wind and ice loads ... 17
4.6.1 Combined probabilities ... 17
4.6.2 Drag factors and ice densities ... 17
4.6.5 Wind forces on support for ice covered conductors ... 17
4.6.6 Combination of wind velocities and ice loads ... 17
4.7 Temperature effects ... 18
4.8 Security loads ... 18
4.8.1 General ... 18
4.8.2 Torsional loads ... 18
4.8.3 Longitudinal loads ... 19
4.9 Safety loads ... 19
4.9.1 Construction and maintenance loads ... 19
4.9.2 Loads related to the weight of linesmen ... 19
4.10 Forces due to short-circuit currents ... 19
4.11 Other special forces ... 19
4.11.1 Avalanches, creeping snow ... 19
4.11.2 Earthquakes ... 20
4.12 Load cases ... 20
4.12.1 General ... 20
4.12.2 Standard load cases ... 20
4.13 Partial factors for actions ... 21
5 Electrical requirements ... 25
5.3 Insulation coordination ... 25
5.4 Classification of voltages and overvoltages ... 26
5.4.2 Representative power frequency voltages ... 26
5.5 Minimum air clearance distances to avoid flashover ... 26

This is a free page sample. Access the full version online.

5.5.2 Application of the theoretical method in Annex E ... 26
5.5.3 Empirical method based on European experience ... 26
5.6 Load cases for calculation of clearances ... 27
5.6.2 Maximum conductor temperature ... 27
5.6.3 Wind loads for determination of electric clearances ... 27
5.6.4 Ice loads for determination of electric clearances ... 28
5.6.5 Combined wind and ice loads ... 29
5.7 Coordination of conductor positions and electrical stresses ... 29
5.8 Internal clearances within the span and at the top of support ... 30
5.9 External clearances ... 33
5.9.1 General ... 33
5.9.2 External clearances to ground in areas remote from buildings, roads, etc. ... 34
5.9.3 External clearances to residential and other buildings ... 34
5.9.4 External clearances to crossing traffic routes ... 36
5.9.5 External clearances to adjacent traffic routes ... 39
5.9.6 External clearances to other power lines or overhead telecommunication lines ... 39
5.10 Corona effect ... 41
5.10.1 Radio noise ... 41
5.11 Electric and magnetic fields ... 41
5.11.1 Electric and magnetic fields under a line ... 41
5.11.2 Electric and magnetic field induction ... 41
5.11.3 Interference with telecommunication circuits ... 41
6 Earthing systems ... 42
6.1 Introduction ... 42
6.1.2 Requirements for dimensioning of earthing systems ... 42
6.1.3 Earthing measures against lightning effects ... 42
6.1.4 Transferred potentials ... 43
6.2 Ratings with regard to corrosion and mechanical strength ... 43
6.2.1 Earth electrodes ... 43
6.2.2 Earthing and bonding conductors ... 44
6.4 Dimensioning with regard to human safety ... 44
6.4.1 Permissible values for touch voltages ... 44
6.4.3 Basic design of earthing systems with regard to permissible touch voltage ... 44
7 Supports ... 45
7.3 Lattice steel towers ... 45
7.3.6 Ultimate limit states ... 45
7.3.7 Serviceability limit states ... 45
7.3.8 Resistance of connections ... 45
7.3.9 Design assisted by testing ... 45
7.4 Steel poles ... 45
7.4.6 Ultimate limit states (EN 1993-1-1:2005 – Chapter 6) ... 45
7.4.7 Serviceability limit states (EN 1993-1-1:2005 – Chapter 7) ... 45
7.4.8 Resistance of connections ... 46
7.4.9 Design assisted by testing ... 46
7.5 Wood poles ... 46
7.5.5 Ultimate limit states ... 46
7.5.6 Serviceability limit states ... 46
7.5.7 Resistance of connections ... 46
7.5.8 Design assisted by testing ... 46
7.6 Concrete poles ... 46
7.6.4 Ultimate limit states ... 46
7.6.5 Serviceability limit states ... 47

This is a free page sample. Access the full version online.

7.6.6 Design assisted by testing ... 47
7.7 Guyed structures ... 47
7.7.4 Ultimate limit states ... 47
7.7.5 Serviceability limit states ... 47
7.9 Corrosion protection and finishes ... 47
7.9.1 General ... 47
7.10 Maintenance facilities ... 48
7.10.1 Climbing ... 48
7.10.2 Maintainability ... 48
7.10.3 Safety requirements ... 48
8 Foundations ... 48
8.1 Introduction ... 48
8.2 Basis of geotechnical design (EN 1997-1:2004 – Section 2) ... 48
8.2.2 Geotechnical design by calculation ... 48
8.3 Soil investigation and geotechnical data (EN 1997-1:2004 – Section 3) ... 48
9 Conductors and earth-wires ... 49
9.1 Introduction ... 49
9.2 Aluminium based conductors ... 49
9.2.2 Electrical requirements ... 49
9.2.3 Conductor service temperatures and grease characteristics ... 49
9.2.4 Mechanical requirements ... 50
9.2.5 Corrosion protection ... 50
9.2.6 Test requirements ... 50
9.3 Steel based conductors ... 50
9.3.1 Characteristics and dimensions ... 50
9.3.3 Conductor service temperatures and grease characteristics ... 51
9.3.4 Mechanical requirements ... 51
9.3.5 Corrosion protection ... 51
9.3.6 Test requirements ... 51
9.4 Copper base conductors ... 52
9.5 Conductors and ground wires containing optical fibre telecommunication circuits ... 52
9.5.1 Characteristics and dimensions ... 52
9.5.2 Electrical requirements ... 52
9.5.3 Conductor service temperatures ... 52
9.5.4 Mechanical requirements ... 52
9.6 General requirements ... 53
9.6.2 Partial factor for conductors ... 53
9.6.3 Minimum cross-sections ... 53
9.6.4 Sag – tension calculations ... 53
10 Insulators ... 53
10.1 Introduction ... 53
10.4 Pollution performance requirements ... 53
10.5 Power arc requirements ... 53
10.7 Mechanical requirements ... 53
10.10 Characteristics and dimensions of insulators ... 54
10.11 Type test requirements ... 54
10.11.1 Standard type tests ... 54
10.11.2 Optional type tests ... 54
11 Hardware ... 55
11.1 Introduction ... 55
11.6 Mechanical requirements ... 55
12 Quality assurance, checks and taking-over ... 56

This is a free page sample. Access the full version online.

Annex H/SK (informative) ... 56
Installation and measurements of earthing systems ... 56
H.2 Basis for the verification ... 56
H.2.2 Resistance to earth ... 56
H.3 Installation of earth electrodes and earthing conductors ... 56
H.3.1 Installation of earth conductors ... 56
H.4 Measurements for and on earthing systems ... 56
H.4.4 Determination of the earth potential rise ... 56
H.4.5 Reduction factor related to earth wires of overhead lines ... 56
Annex M/SK (informative) ... 57
Geotechnical and structural design of foundations ... 57
M.1 Typical values of the geotechnical parameters of soils and rocks ... 57
M.1.3 Symbols, definitions and units of some ground parameters ... 57
M.3 Sample semi-empirical models for resistance estimation ... 63
M.3.1 Geotechnical design by calculation ... 63
Annex S/SK (informative) ... 64
Map of icing zones in Slovakia ... 64

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European foreword

1. The Slovak National Committee (NC) is identified by the following address:
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2. The Slovak National Committee has prepared this Part 2-23 (EN 50341-2-23) listing the Slovak National Normative Aspects (NNA) under its sole responsibility and duly passed this document through the CENELEC and CLC/TC11 procedures.

   NOTE The Slovak National Committee also takes sole responsibility for the technically correct co-ordination of this EN 50341-2-23 with EN 50341-1. It has performed the necessary checks in the frame of quality assurance/control. However, it is noted that this quality assurance/control has been made in the framework of the general responsibility of The Slovak National Committee under the national laws/regulations.

3. This EN 50341-2-23 is normative in Slovakia and informative for other countries.

4. This EN 50341-2-23 has to be read in conjunction with EN 50341-1, hereinafter referred as Part 1. All clause numbers used in Part 2-23 correspond to those of Part 1. Specific subclauses which are prefixed SK are to be read as amendments to the relevant text in Part 1. Any necessary clarification regarding the application of Part 2-23 in conjunction with Part 1 shall be referred to the Slovak Office of Standards, Metrology and Testing that will, in co-operation with CLC/TC11, clarify the requirements. When no reference is made in Part 2-23 to a specific subclause, then Part 1 applies.

5. In the case of “boxed values“ defined in Part 1, amended values (if any) which are defined in Part 2-23 shall be taken into account in Slovakia.

   However, any “boxed values” whether in Part 1 or Part 2-23, shall not be amended in direction of greater risk in the Project Specification.

6. The national Slovak standards/regulations, regarding overhead lines exceeding 1 kV AC, are listed in 2.1/SK.2 and 2.1/SK.3.

   NOTE All national standards referred to in this Part 2-23 will be replaced by the relevant European Standards as soon as they become available and are declared by the Slovak Office of Standards, Metrology and Testing to be applicable and thus reported to the secretary of CLC/TC11.

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1 Scope

1.1 General

(ncpt) **SK.1 New overhead line**

As a new overhead line is considered a brand new electric overhead line with nominal voltage exceeding 1 kV AC, between the points A and B.

The new branch line of the existing overhead line shall be considered as a new overhead line except for a junction support for which the specific requirements shall be defined in the Project Specification.

The extent of application of this standard in respect of reconstruction, relaying and extension of existing overhead lines shall be determined in the Project Specification. Simultaneously, the Project Specification shall determine, which of the previous national standards shall be used and to what extent they shall be used for the project in question.

1.2 Field of application

(ncpt) **SK.1 Field of application**

The requirements of this standard shall be adopted, where applicable (e.g. requirements on loads, external clearances, etc.), for telecommunication cables as well.

In case of overhead line under the design stage, parties concerned shall agree the extent of the application of this standard.

Overhead line under construction may be completed according to standards valid during the design stage of the line. The parties concerned shall agree any possible application of certain clauses of this standard.

(ncpt) **SK.2 Installation of telecommunication equipment on supports**

Provisions of this standard also apply to the telecommunication equipment and devices (aerials, dish antennas, etc.) which are installed on individual supports of overhead power lines, especially in terms of wind and ice loads on such installed equipment. Design and installation has to respect requirements of the utility operating the line in question. The design of such telecommunication equipment has to incorporate such technical solutions and such precautions, which shall allow safe access and maintenance of both a power line and telecommunication equipment, and which shall provide protection of persons performing repairs or maintenance of the power line and/or telecommunication equipment against electric shock and protection of telecommunication equipment and attached installations against the influence of the power line (short-circuits, switching and lightning overvoltages etc.).

2 Normative references, definitions and symbols

2.1 Normative references

(ncpt) **SK.1 General**

National laws, Government regulations and other binding regulations are included in following 2.1/SK.2. International and national standards quoted in EN 50341-2-23 and not included in 2.1 EN 50341-1 are included in 2.1/SK.3.

The set of standards included in 2.1 EN 50341-1 under a common title of Eurocodes is valid in Slovakia including the Slovak National Application documents related to relevant standards, unless EN 50341-1 and/or these Slovak National Normative Aspects (EN 50341-2-23) specify otherwise.

NOTE Some EN, IEC, ISO and CISPR publications implemented as Slovak National Standards (STN) include informative notes and informative annexes useful in Slovakia.

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