



SLOVENSKI STANDARD
SIST EN 61534-21:2014/A11:2021

01-november-2021

Sistemi napajalnih razvodnic - 21. del: Posebne zahteve za sisteme napajalnih razvodnic, predvidene za stensko in stropno montažo - Dopolnilo A11

Powertrack systems - Part 21: Particular requirements for powertrack systems intended for wall and ceiling mounting

Stromschiensysteme - Teil 21: Besondere Anforderungen für Stromschiensysteme für Wand und Decke

Systèmes de conducteurs préfabriqués - Partie 21: Exigences particulières pour les systèmes de conducteurs préfabriqués destinés au montage sur des murs et des plafonds

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[SIST EN 61534-21:2014/A11:2021](https://standards.iteh.ai/catalog/standards/sist/83b5d383-dc29-443e-904e-07a9c5398363/sist-en-61534-21-2014-a11-2021)

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Ta slovenski standard je istoveten z: EN 61534-21:2014/A11:2021

ICS:

29.060.10	Žice	Wires
29.120.20	Spojni elementi	Connecting devices

SIST EN 61534-21:2014/A11:2021 **en,fr**

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EUROPEAN STANDARD

EN 61534-21:2014/A11

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2021

ICS 29.060.10; 29.120.20

English Version

Powertrack systems - Part 21: Particular requirements for powertrack systems intended for wall and ceiling mounting

Systèmes de conducteurs préfabriqués - Partie 21:
Exigences particulières pour les systèmes de conducteurs
préfabriqués destinés au montage sur des murs et des
plafonds

Stromschiensysteme - Teil 21: Besondere Anforderungen
für Stromschiensysteme für Wand und Decke

This amendment A11 modifies the European Standard ; it was approved by CENELEC on 2020-12-22. 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.

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



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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN 61534-21:2014/A11:2021 (E)

European foreword

This document (EN 61534-21:2014/A11:2021) has been prepared by CLC/TC 213 “Cable management systems”.

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) 2022-03-24
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2024-09-24

This document amends EN 61534-21:2014/A1:2021.

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.

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

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

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.

1 Modification to Clause 1, “Scope”

Add the following Note after the last dashed item under 1.2:

“

NOTE Particular attention needs to be paid to installations rules when elements are installed which include EMI suppression devices.”

2 Addition of new Annex H, “Routine Tests”

Add the following Annex H:

“

Annex H (normative)

Routine tests

Routine tests are intended to detect faults in materials and/or in workmanship. They are carried out on every new assembly after it has been assembled.

As a minimum, the following routine tests shall be carried out on each new assembly:

- Inspection of the assembly and wiring if applicable,
- Where applicable the operation of electrical devices,
- A dielectric test (Power-frequency withstand voltage) in accordance with Table 7, for the duration of at least 1 s,
- Continuity tests of the live conductors and their correct phasing,
- Continuity tests of the protective circuits.

The tests may be carried out in any order.”

3 Addition of Annex ZA, “Normative references to international publications with their corresponding European publications “

Add the following Annex ZA:

“

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

EN 61534-21:2014/A11:2021 (E)

Add the following reference:

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61534-1:2011/A2	2020	Powertrack systems - Part 1: General requirements	EN 61534-1:2011/A2	2021

“

4 Addition of Annex ZZ, “Relationship between this European Standard and the safety objectives of Directive 2014/35/EU [2014 OJ L96] aimed to be covered”

Add the following Annex ZZ:

“

Annex ZZ
(informative)

Relationship between this European Standard and the safety objectives of Directive 2014/35/EU [2014 OJ L96] aimed to be covered

This European Standard has been prepared under a Commission’s standardization request relating to harmonized standards in the field of the Low Voltage Directive, M/511, to provide one voluntary means of conforming to safety objectives of Directive 2014/35/EU of the European Parliament and of the Council of 26 February 2014 on the harmonization of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits [2014 OJ L96].

Once this standard is cited in the Official Journal of the European Union under that Directive, compliance with the normative clauses of this standard given in Table ZZ.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding safety objectives of that Directive, and associated EFTA regulations.

SIST EN 61534-21:2014/A11:2021

Table ZZ.1 — Correspondence between this European Standard and Annex I of Directive 2014/35/EU [2014 OJ L96]

Safety objectives of Directive 2014/35/EU	Clause(s) / sub-clause(s) of this EN	Remarks / Notes
(1)(a)	Clause 8 Marking and documentation	
(1)(b)	Clause 7 Classification Clause 8 Marking and documentation Clause 9 Construction	
(1)(c)	Clause 3 Terms and definitions Clause 4 General requirements Clause 6 Ratings Clause 7 Classification Refer to (2)(a) to (2)(d) and (3)(a) to (3)(c) below	

Safety objectives of Directive 2014/35/EU	Clause(s) / sub-clause(s) of this EN	Remarks / Notes
(2)(a)	Clause 4 General requirements Clause 5 General notes on tests Clause 6 Ratings Clause 7 Classification Clause 9 Construction Clause 10 clearances, creepage distances and solid insulation Clause 11 Protection against electric shock Clause 12 Terminals and terminations Clause 13 Screws, current carrying parts and connections Clause 14 Mechanical strength Clause 15 Insulation resistance test and dielectric strength test Clause 16 Normal operation Clause 21 External influences	
(2)(b)	Clause 4 General requirements Clause 5 General notes on tests Clause 15 Insulation resistance test and dielectric strength test Clause 17 Temperature rise Clause 18 Short-circuit protection and short-circuit withstand strength Clause 19 Resistance to Heat Clause 20 Fire Hazard	
(2)(c)	Clause 4 General requirements Clause 5 General notes on tests Clause 9 Construction Clause 14 Mechanical strength Clause 19 Resistance to Heat Clause 20 Fire Hazard Clause 21 External influences	
(2)(d)	Clause 4 General requirements Clause 5 General notes on tests Clause 7 Classification Clause 11 Protection against electric shock Clause 15 Insulation resistance test and dielectric strength test Clause 16 Normal operation	