

STN	Systémy zbernicového vedenia. Časť 22: Osobitné požiadavky na systémy zbernicového vedenia určené na montáž na podlahu alebo pod podlahu.	STN EN 61534-22 35 7120
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Powertrack systems - Part 22: Particular requirements for powertrack systems intended for onfloor or underfloor installation

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. 01/15

Obsahuje: EN 61534-22:2014, IEC 61534-22:2014

Oznámením tejto normy sa od 24.07.2017 ruší
STN EN 61534-22 (35 7120) z januára 2010

120109

Úrad pre normalizáciu, metrológiu a skúšobníctvo SR, odbor SÚTN, 2015
Podľa zákona č. 264/1999 Z. z. v znení neskorších predpisov sa môžu slovenské technické normy
rozmnožovať a rozširovať iba so súhlasom Úradu pre normalizáciu, metrológiu a skúšobníctvo SR.

EUROPEAN STANDARD

EN 61534-22

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2014

ICS 29.120.20; 29.060.10

Supersedes EN 61534-22:2009

English Version

**Powertrack systems - Part 22: Particular requirements for
powertrack systems intended for onfloor or underfloor installation
(IEC 61534-22:2014)**

Systèmes de conducteurs préfabriqués - Partie 22:
Exigences particulières pour les systèmes de conducteurs
préfabriqués destinés au montage sur le sol ou sous le sol
(CEI 61534-22:2014)

Stromschienensysteme - Teil 22: Besondere Anforderungen
für Stromschienensysteme für Fußbodeninstallationen
(IEC 61534-22:2014)

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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

Foreword

The text of document 23A/702/FDIS, future edition 2 of IEC 61534-22, prepared by SC 23A "Cable management systems", of IEC/TC 23 "Electrical accessories" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61534-22:2014.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2015-04-24
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2017-07-24

This document supersedes EN 61534-22:2009.

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This standard covers the Principle Elements of the Safety Objectives for Electrical Equipment Designed for Use within Certain Voltage Limits (LVD - 2006/95/EC).

Endorsement notice

The text of the International Standard IEC 61534-22:2014 was approved by CENELEC as a European Standard without any modification.

Annex ZA

(normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. 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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61534-1	2011	Powertrack systems -	EN 61534-1	2011
+ A1	2014	Part 1: General requirements	+ A1	2014



INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Powertrack systems –
Part 22: Particular requirements for powertrack systems intended for onfloor or
underfloor installation**

**Systemes de conducteurs préfabriqués –
Partie 22: Exigences particulières pour les systèmes de conducteurs
préfabriqués destinés au montage sur le sol ou sous le sol**





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INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Powertrack systems –
Part 22: Particular requirements for powertrack systems intended for onfloor or
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INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

COMMISSION
ELECTROTECHNIQUE
INTERNATIONALE

PRICE CODE
CODE PRIX

S

ICS 29.060.10, 29.120.20

ISBN 978-2-8322-1656-9

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

POWERTRACK SYSTEMS –**Part 22: Particular requirements for powertrack systems intended for onfloor or underfloor installation**

FOREWORD

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International Standard IEC 61534-22 has been prepared by subcommittee 23A: Cable management systems, of IEC Technical Committee 23: Electrical accessories.

This second edition cancels and replaces the first edition published in 2009. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- Clauses 18 to 22 have been adapted to IEC 61534-1:2011 and include short-circuit test requirements;
- addition of a new (500 N) classification for the resistance to traffic load applied to small surface areas on a flushfloor service unit;

- addition of a new classification for the non-automatic closing of the lid on flushfloor service units and appropriate tests;
- addition of tests for floor service units declared for use when a floor is wet-treated.

The text of this standard is based on the following documents:

FDIS	Report on voting
23A/702/FDIS	23A/708/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

This standard is to be used in conjunction with IEC 61534-1:2011, *Powertrack systems – Part 1: General requirements*.

This Part 22 supplements or modifies the corresponding clauses of IEC 61534-1. Where a particular clause or subclause of IEC 61534-1:2011 is not mentioned in this Part 22, that clause or subclause applies as far as is reasonable. Where this Part 22 states "*addition*" or "*replacement*", the relevant text of IEC 61534-1:2011 is to be adapted accordingly.

Subclauses, tables and figures which are in addition to those in IEC 61534-1:2011 are numbered starting with 101.

A list of all parts of IEC 61534 series, published under the general title *Powertrack systems*, can be found on the IEC website.

The following differences exist in the countries indicated below:

Subclause 7.105.2: In the United Kingdom, this classification is not permitted.

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POWERTRACK SYSTEMS –

Part 22: Particular requirements for powertrack systems intended for onfloor or underfloor installation

1 Scope

Clause 1 of IEC 61534-1:2011 and IEC 61534-1:2011/AMD1:2014 is applicable except as follows:

1.1 Addition:

This part of IEC 61534 specifies the particular requirements and tests for PT systems intended for mounting on, or under the floor level and floor service units which are mounted on the floor, under the floor or flush with the floor.

NOTE 1 Types and applications are shown in Figures AA.1a, AA.1b and AA.2

NOTE 2 Flushfloor PT systems, with the exception of flushfloor service units, are not covered by this standard.

2 Normative references

Clause 2 of IEC 61534-1:2011 is applicable except as follows:

Addition:

IEC 61534-1:2011, *Powertrack systems – Part 1: General requirements*
IEC 61534-1:2011/AMD1:2014

koniec náhľadu – text ďalej pokračuje v platenej verzii STN