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Powertrack systems -- Part 22: Particular requirements for powertrack systems intended for on floor or under floor installation

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Standard on kinnitatud Eesti Standardikeskuse 30.06.2009 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.	This standard is ratified with the order of Estonian Centre for Standardisation dated 30.06.2009 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.
Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 24.04.2009.	Date of Availability of the European standard text 24.04.2009.
Standard on kättesaadav Eesti standardiorganisatsioonist.	The standard is available from Estonian standardisation organisation.

ICS 29.060.10, 29.120.20

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 61534-22

April 2009

ICS 29.060.10; 29.120.20

English version

Powertrack systems - Part 22: Particular requirements for powertrack systems intended for on floor or under floor installation

(IEC 61534-22:2009)

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 61534-22:2009)

Stromschienensysteme - Teil 22: Besondere Anforderungen für Stromschienensysteme für Fußbodeninstallationen (IEC 61534-22:2009)

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

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Ref. No. EN 61534-22:2009 E

Foreword

The text of document 23A/580/FDIS, future edition 1 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 was approved by CENELEC as EN 61534-22 on 2009-04-01.

This standard is to be used in conjunction with EN 61534-1:2003, Powertrack systems – Part 1: General requirements.

The clauses of the particular requirements of this Part 22 add to or modify the corresponding clauses in Part 1. Where the text of Part 22 indicates an “addition” or a “deletion” or a “replacement” of the relevant requirement, test specification or explanation of Part 1, these changes are made to the relevant text of Part 1, which then becomes part of the standard. Where no change is necessary, the words: “This clause of Part 1 is applicable” are used in Part 22.

Subclauses, tables and figures which are in addition to those in Part 1 are numbered starting with 101.

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)	2010-01-01
– latest date by which the national standards conflicting with the EN have to be withdrawn	(dow)	2012-04-01

Endorsement notice

The text of the International Standard IEC 61534-22:2009 was approved by CENELEC as a European Standard without any modification.

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CONTENTS

FOREWORD 3
1 Scope 5
2 Normative references 5
3 Terms and definitions 5
4 General requirements 6
5 General notes on tests 6
6 Ratings 6
7 Classification 6
8 Marking and documentation 7
9 Construction 7
10 Clearances, creepage distances and solid insulation 8
11 Protection against electric shock 8
12 Terminals and terminations 8
13 Screws, current-carrying parts and connections 8
14 Mechanical strength 8
15 Insulation resistance test and dielectric strength test 13
16 Normal operation 13
17 Temperature rise 13
18 Resistance to heat 13
19 Fire hazard 14
20 External influences 14
21 Electromagnetic compatibility 14
Annex AA (informative) Illustrations of under floor and on floor installations 19

Figure 101 – External load test 15
Figure 102 – Traffic load test for flush floor service units applied to a small surface area 16
Figure 103 – Traffic load test for flush floor service units applied to a large surface area 17
Figure 104 – Test arrangement for fixing apparatus mounting device according to 14.101.1 18
Figure AA.1 – Illustrations of under floor installations 19
Figure AA.2 – Example of installation on floor 20

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POWERTRACK SYSTEMS –

Part 22: Particular requirements for powertrack systems intended for on floor or under floor installation

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1 Scope

This clause of Part 1 is applicable except as follows:

This standard applies to PT systems which are intended to be mounted 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 Flush floor PT systems, with the exception of flush floor service units, are not covered by this standard.

2 Normative references

This clause of Part 1 is applicable.

3 Terms and definitions

This clause of Part 1 is applicable except as follows:

Additional terms and definitions:

3.101
under floor PT system
PT system whose components, except flush floor service units, are intended for installation beneath the finished floor and in normal use are not exposed to traffic loads

NOTE Examples are shown in Figures AA.1a and AA.1b

3.102
on floor PT system
PT system whose components are mounted on the floor surface

NOTE An example is shown in Figure AA.2.

3.103
finished floor
floor which carries the traffic load and which may be made of concrete, wood, or the like and which may or may not be completed with floor covering material such as carpet, tile, paint, parquet or similar means

3.104
apparatus mounting device
system component to accommodate electrical apparatus, for example switches, socket outlets, circuit-breakers