



SLOVENSKI STANDARD

kSIST FprHD 60364-7-701:2019/oprAA:2023

01-februar-2023

Nizkonapetostne električne inštalacije - 7-701. del: Zahteve za posebne inštalacije ali lokacije - Prostor s kopalno kadjo ali tušem - Dopolnilo AA

Low-voltage electrical installations - Part 7-701: Requirements for special installations or locations - Locations containing a bath or shower

Errichten von Niederspannungsanlagen - Teil 7-701: Anforderungen für Betriebsstätten, Räume und Anlagen besonderer Art - Räume mit Badewanne oder Dusche

Installations électriques à basse tension - Partie 7-701: Exigences pour les installations et emplacements spéciaux - Emplacements contenant une baignoire ou une douche

Ta slovenski standard je istoveten z: FprHD 60364-7-701:2019/prAA

ICS:

91.140.50	Sistemi za oskrbo z elektriko	Electricity supply systems
91.140.70	Sanitarne naprave	Sanitary installations

kSIST FprHD 60364-7-701:2019/oprAA:2023

en

HARMONIZATION DOCUMENT
DOCUMENT D'HARMONISATION
HARMONISIERUNGSDOKUMENT

DRAFT
FprHD 60364-7-701:2019
prAA

December 2022

ICS 29.020; 91.140.50

English Version

Low-voltage electrical installations - Part 7-701: Requirements for special installations or locations - Locations containing a bath or shower

Installations électriques à basse tension - Partie 7-701:
Exigences pour les installations et emplacements spéciaux
- Emplacements contenant une baignoire ou une douche

Errichten von Niederspannungsanlagen - Teil 7-701:
Anforderungen für Betriebsstätten, Räume und Anlagen
besonderer Art - Räume mit Badewanne oder Dusche

This draft amendment prAA, if approved, will modify the Harmonization Document FprHD 60364-7-701:2019; it is submitted to CENELEC members for enquiry.
Deadline for CENELEC: 2023-03-10.

It has been drawn up by CLC/TC 64.

If this draft becomes an amendment, CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for implementation of this amendment on a national level.

This draft amendment, was established by CENELEC in three official versions (English, French, German).

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, Türkiye and the United Kingdom.

Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

Warning : This document is not a Harmonization Document. It is distributed for review and comments. It is subject to change without notice and shall not be referred to as a Harmonization Document.



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

European foreword

This document (FprHD 60364-7-701:2019/prAA) has been prepared by CLC/TC 64 "Electrical installations and protection against electric shock".

The following dates are proposed:

- latest date by which the existence of this document has to be announced at national level (doa) dor + 6 months
- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) dor + 12 months
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) dor + 36 months (to be confirmed or modified when voting)

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FprHD 60364-7-701:2019/prAA (E)

1 Modification to 701.531, “Devices for protection against indirect contact by automatic disconnection of supply”

Rename the subclause as follows:

“701.531 Devices for protection against electric shock by automatic disconnection of supply”

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Annex ZA (normative)

Special national conditions

Special national condition: National characteristic or practice that cannot be changed even over a long period, e.g. climatic conditions, electrical earthing conditions.

NOTE If it affects harmonization, it forms part of the Harmonization Document.

For the countries in which the relevant special national conditions apply these provisions are normative, for other countries they are informative.

(Sub)clause	Special national condition
	Finland
701.1	In Finland depth of 6 cm does not apply.
	France
701.1	<p>Add the following:</p> <p>In France, a depth of 6 cm does not apply. The fourth conditions is:</p> <ul style="list-style-type: none"> – the volume within the walls, floor and ceiling (excepted perforated ceiling) that border the location containing a bath or shower. <p>Any fixed and sustainable wall, joined to a standing surface, does limit volumes when its height is greater than or equal to that of the volume and then applying the rule of horizontal bypass. In the other cases, this wall does not delimit the volumes.</p> <p>Removable shower walls or walls that are not linked to the ceiling and/or ground do not delimit the locations containing a bath or a shower.</p>
701.101	<p>Add the following:</p> <p>In France, the bypass rule does not apply vertically.</p> <p>Delete Figure 6 (Dimensions of zones 0 and 1: side view of a shower without basin and with fixed partition).</p>
701.3.4	<p>Add the following:</p> <p>In France the definition of fixed partition (701.3.4) and its Notes to entry are not needed.</p>
701.30.101	<p>Add the following sentence after the second paragraph:</p> <p>"In France, in fixed partitions only fixed walls that belong to the building and linked to the standing ground limit zones. Fixed partitions that do not meet those conditions as well as mobile partitions cannot limit zones."</p>
701.30.103	<p>Add the following note</p> <p>In France</p> <p>'The space under a bath tub or a shower basin is not considered to be zone 1 but as a specific zone.'</p>

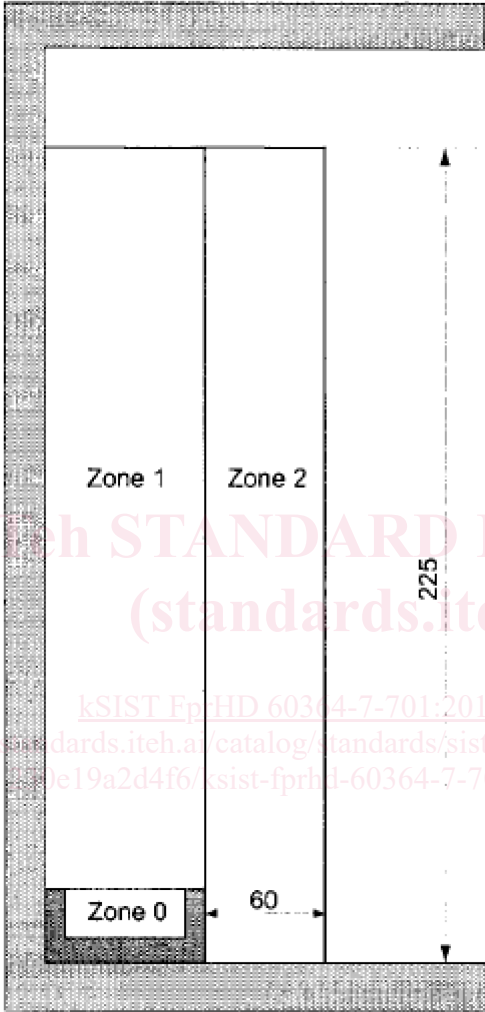
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<u>(Sub)clause</u>	<u>Special national condition</u>
701.30.104	According to §701.2 of NF C 15-100/A5. The following sentence doesn't apply in France : "b) for showers, there is no zone 2. (see Figure 5 to Figure 10)." There is a zone 2 in France for showers.
701.414	Add the following: in France PELV is not permitted.
701.415.1	Add the following: In France PELV is not permitted.
701.512.2.4.1 01.3	In France — PELV is not permitted. — SELV with a rated voltage exceeding 12 V AC or 30 V DC is not allowed
701.512.2.4.1 01.4	In France PELV is not permitted — SELV with a rated voltage exceeding 12 V AC or 30 V DC is not allowed And replace the 3rd dashed item by the following: — electrical accessories, other than socket-outlets, having a degree of protection at least IPX4 and class II according to IEC 61140, that are permanently connected;
701.522.8.101	Add the following: In France PELV is not permitted
Figure 7	Modify the SNC as follow: Add the following note In France, the bypass rule does not apply vertically. Delete Figure 6 7 – Dimensions of zones 0 and 1: side view of a shower without basin and with fixed partition
	Germany
701.1	Add the following Note NOTE 5: Swimming pool (pool) where water is filtered being disinfected and retains continuous residual disinfection properties, renewed and recycled are covered by IEC 60364-7-702
701.30.101	Modify the text as follows: Where a shower is located in zone 1 of a bath tub, the bath tub is considered to be a basin for the shower and zone requirements shall be applied accordingly. Where for showers without basin
701.30.102	Modify the text as follows: a) for a bath tub or shower basin by:

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<u>(Sub)clause</u>	<u>Special national condition</u>
701.30.102	Modify the text as follows: b) for showers without basin by.
701.30.103	Modify the text as follows: a) for a bath tub or shower basin by:
701.30.103	Modify the text as follows: b) for showers without basin by.
701.30.103	The space under a bath tub or a shower basin is considered to be zone 1.
701.30.103	Add the following note “NOTE A fixed water outlet is a connection point which is part of the fixed water installation Therefore, flexible shower hoses are not part of the fixed water outlet”
701.30.104	Modify the text as follows: a) for a bath tub or shower basin by:
701.30.104	Modify the text as follows: b) for showers without basin by.
701.3.4	Add the following Note NOTE 3 to entry: As fixed partition are considered partitions whose removal means a structural measure, e. g. partitions anchored in the masonry.
701.410.3.4	Add the following Special national condition (SNC) for Germany. Move the text from 701.410.3.4 to 701.413.101 (after line 278) to read as follows: 701.413 Protective measure: electrical separation 701.413.1 General 701.413.1.2 To replace the text by the following: Protection by electrical separation shall only be used for: — circuits supplying one item of current-using equipment; or — one single socket-outlet. The protective measure electrical separation for the supply shall not be applied for heating cables and embedded heating systems.
701.512.2.4.1 01.3	Delete “washing machine” from the examples.
522.8.101	In locations containing a bath tub or shower basin it is not allowed to install flat webbed house wires according to DIN VDE 0250-201 (VDE 0250-201) in walls, ceilings, pitched roof areas and fixed partitions in a depth of less than 6 cm.
701.531.2.101	In Germany the RCD type AC is not permitted.
Figures 5, 6, 7 8, 9 and 10	“...showers without basin ”

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<u>(Sub)clause</u>	<u>Special national condition</u>
<p>Figure 11</p>	<p>Add new Figure 11 as Special National Condition (SNC) for Germany: Figure 11 Dimensions of zones in locations containing shower with a basin</p>  <p>The diagram shows a cross-section of a shower area. Zone 0 is a shaded rectangular basin at the bottom left. Zone 1 is a vertical rectangular area above the basin. Zone 2 is the remaining space in the room. A horizontal dimension line indicates a width of 60 for Zone 0. A vertical dimension line indicates a height of 225 for Zone 1. A watermark 'STANDARD PREVIEW (standards.iteh.ai)' is overlaid on the diagram.</p> <p>Figure 11 — Dimensions of zones in locations containing shower with a basin</p>
	<p>United Kingdom</p>
<p>701.1</p>	<p>Add the following note: NOTE 5 the term “locations” may be interpreted as rooms of buildings</p>
<p>701.30.102</p>	<p>Add the following note: NOTE for showers without basin, the height of zone 0 is 5 cm.</p>
<p>701.30.103</p>	<p>Add the following note NOTE the space under the bath or shower basin is considered to be zone 1. However, if the space under the bath tub or shower basin is only accessible with a tool, it is considered to be outside the zones.</p>

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<u>(Sub)clause</u>	<u>Special national condition</u>
701.512.2.4.1 01.4	Add the following: Except for SELV socket-outlets complying with Section 414 and shaver supply units complying with BS EN 61558-2-5, socket-outlets are prohibited within a distance of 2.5 m horizontally from the boundary of zone 1.

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