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**Nizkonapetostne električne inštalacije – 7-716. del: Zahteve za posebne inštalacije ali lokacije – Nizkonapetostno enosmerno napajanje (ELV DC) po kabelski infrastrukturi informacijske in komunikacijske tehnologije (ICT) (IEC 60364-7-716:2023)**

Low-voltage electrical installations - Part 7-716: Requirements for special installations or locations - ELV DC power distribution over information and communications technology (ICT) cable infrastructure (IEC 60364-7-716:2023)

Errichten von Niederspannungsanlagen - Teil 7-716: Anforderungen für Betriebsstätten, Räume und Anlagen besonderer Art ) Gleichstrom-Kleinspannungs-Energieverteilung über Informations- und Kommunikationskabel und Leitungen (ICT) (IEC 60364-7-716:2023)

Installations électriques à basse tension - Partie 7-716: Exigences pour les installations et emplacements spéciaux – Distribution de l'alimentation en courant continu sur l'infrastructure de câbles des technologies de l'information (IEC 60364-7-716:2023)

**Ta slovenski standard je istoveten z: HD 60364-7-716:2023**

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**ICS:**

91.140.50 Sistemi za oskrbo z elektriko Electricity supply systems

**SIST HD 60364-7-716:2024**

**en**



HARMONIZATION DOCUMENT  
DOCUMENT D'HARMONISATION  
HARMONISIERUNGSDOKUMENT

**HD 60364-7-716**

September 2023

ICS 91.140.50; 29.020

English Version

Low-voltage electrical installations - Part 7-716: Requirements  
for special installations or locations - ELV DC power distribution  
over information and communications technology (ICT) cable  
infrastructure  
(IEC 60364-7-716:2023)

Installations électriques à basse tension - Partie 7-716:  
Exigences pour les installations et emplacements spéciaux  
- Distribution de l'alimentation en courant continu TBT sur  
l'infrastructure de câbles des technologies de l'information  
et de la communication (TIC)  
(IEC 60364-7-716:2023)

Errichten von Niederspannungsanlagen - Teil 7-716:  
Anforderungen für Betriebsstätten, Räume und Anlagen  
besonderer Art - Gleichstrom-Kleinspannungs-  
Energieverteilung über Informations- und  
Kommunikationskabel und Leitungen (ICT)  
(IEC 60364-7-716:2023)

This Harmonization Document was approved by CENELEC on 2023-09-20. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for implementation of this Harmonization Document at national level.

Up-to-date lists and bibliographical references concerning such national implementations may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This Harmonization Document exists 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.



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**

**HD 60364-7-716:2023 (E)****European foreword**

The text of document 64/2617/FDIS, future edition 1 of IEC 60364-7-716, prepared by IEC/TC 64 "Electrical installations and protection against electric shock" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as HD 60364-7-716:2023.

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) 2024-05-20
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2026-08-20

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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.

**Endorsement notice**

The text of the International Standard IEC 60364-7-716:2023 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standard indicated:

IEC 60512-99-001 NOTE Approved as EN 60512-99-001

IEC 61558-2-16 NOTE Approved as EN 61558-2-16 <https://standards.iteh.ai/catalog/standards/sist/c35e70d0-c210-45bb-9340-29a130b4e9da/sist-hd-60364-7-716-2024>

IEC 62368-3:2017 NOTE Approved as EN IEC 62368-3:2020 (not modified)

## 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 Where 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.cencenelec.eu](http://www.cencenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60364-4-41 (mod)	2005	Low-voltage electrical installations - Part 4-41: Protection for safety - Protection against electric shock	HD 60364-4-41	2017
+ A1	2017		-	-
-	-		+ A11	2017
-	-		+ A12	2019
IEC 60364-4-43 (mod)	2008	Low-voltage electrical installations - Part 4-43: Protection for safety - Protection against overcurrent	HD 60364-4-43	2010
IEC 60364-5-52 (mod)	2009	Low-voltage electrical installations - Part 5-52: Selection and erection of electrical equipment - Wiring systems	HD 60364-5-52	2011
-	-		+ A11	2017
-	-		+ A12	2022
IEC 60512-9-3	-	Connectors for electronic equipment - Tests and measurements - Part 9-3: Endurance tests - Test 9c: Mechanical operation (engaging and separating) with electrical load	EN 60512-9-3	-
IEC 61156	series	Multicore and symmetrical pair/quad cables for digital communications	-	-
ISO/IEC 11801-1	2017	Information technology - Generic cabling for customer premises - Part 1: General requirements	-	-
+COR1	2018		-	-

