



SLOVENSKI STANDARD
SIST EN IEC 61643-352:2018

01-maj-2018

Sestavni deli za nizkonapetostne naprave za zaščito pred prenapetostnimi udari - 352. del: Izbira in načini uporabe izolacijskih transformatorjev (SIT) v telekomunikacijskih in signalnih omrežjih

Components for low-voltage surge protection - Part 352: Selection and application principles for telecommunications and signalling network surge isolation transformers (SIT)

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33.040.99	Druga oprema za telekomunikacijske sisteme	Other equipment for telecommunication systems

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EUROPEAN STANDARD

EN IEC 61643-352

NORME EUROPÉENNE

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March 2018

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English Version

**Components for low-voltage surge protection - Part 352:
Selection and application principles for telecommunications and
signalling network surge isolation transformers (SITs)
(IEC 61643-352:2018)**

Composants pour protection par parafoudres basse tension
- Partie 352: Principes de choix et d'application pour les
transformateurs d'isolement contre les surtensions (SIT)
dans les réseaux de signalisation et de télécommunications
(IEC 61643-352:2018)

Bauelemente für Überspannungsschutzgeräte für
Niederspannung - Teil 352: Auswahl- und
Anwendungsprinzipien für
Überspannungstrenntransformatoren (SIT) für den Einsatz
in Telekommunikations- und signalverarbeitenden
Netzwerken
(IEC 61643-352:2018)

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Europäisches Komitee für Elektrotechnische Normung

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

EN IEC 61643-352:2018 (E)**European foreword**

The text of document 37B/161/FDIS, future edition 1 of IEC 61643-352, prepared by IEC/SC 37B, "Components for low-voltage surge protection" of IEC/TC 37 "Surge arresters" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61643-352:2018.

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) 2018-11-14
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2021-02-14

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

IEC 60065:2001	NOTE	Harmonized as EN 60065:2002 (modified).
IEC 60068-2-1:2007	NOTE	Harmonized as EN 60068-2-1:2007 (not modified).
IEC 60068-2-2:2007	NOTE	Harmonized as EN 60068-2-2:2007 (not modified).
IEC 60076-1:2011	NOTE	Harmonized as EN 60076-1:2011 (not modified).
IEC 60064-1	NOTE	Harmonized as EN 60064-1.
IEC 60721-3-9:1993	NOTE	Harmonized as EN 60721-3-9:1993 (not modified).
IEC 61340-4-8:2014	NOTE	Harmonized as EN 61340-4-8:2015 (not modified).
IEC 61558-1	NOTE	Harmonized as EN 61558-1.
IEC 61558-2-4:2009	NOTE	Harmonized as EN 61558-2-4:2009 (not modified).
IEC 61558-2-6:2009	NOTE	Harmonized as EN 61558-2-6:2009 (not modified).
IEC 61643-21	NOTE	Harmonized as EN 61643-21.

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.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61643-351	-	Components for low-voltage surge protective devices - Part 351: Performance requirements and test methods for telecommunications and signalling network surge isolation transformers (SIT)	EN 61643-351	-

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INTERNATIONAL STANDARD

NORME INTERNATIONALE



**Components for low-voltage surge protection –
Part 352: Selection and application principles for telecommunications and
signalling network surge isolation transformers (SITs)**

**Composants pour protection par parafoudres basse tension –
Partie 352: Principes de choix et d'application pour les transformateurs
d'isolement contre les surtensions (SIT) dans les réseaux de signalisation et de
télécommunications**

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CONTENTS

FOREWORD.....	4
INTRODUCTION.....	6
1 Scope.....	7
2 Normative references	7
3 Terms, definitions, symbols and abbreviated terms.....	7
3.1 Terms and definitions.....	7
3.2 Symbols.....	8
3.3 Abbreviated terms.....	9
4 Service conditions	10
4.1 Temperature range	10
4.2 Humidity	10
4.3 Altitude	10
4.4 Microclimate	10
5 SIT surge conditions.....	11
5.1 SIT surge mitigation.....	11
5.2 Common-mode surges	12
5.3 Differential-mode surges	13
5.3.1 General.....	13
5.3.2 Ethernet transformer differential surge action	13
6 Selection	13
6.1 General.....	13
6.2 Impulse withstand voltage.....	13
6.3 Rated values of SIT.....	14
7 Applications.....	14
7.1 General.....	14
7.2 Example of surge protection using SITs with ES for control and terminal equipment installed in two different buildings respectively.....	14
7.3 Example of surge protection using SITs for telecommunication equipment in substation	14
7.4 Example of surge protection using SITs for transmission and switching equipment installed in different floors in a communication building.....	16
7.5 Example of surge protection using SITs for computer network equipment in a data centre	17
7.6 Example of surge protection using SITs for a Power over Ethernet (PoE) system	17
7.7 Example of surge protection using SITs for LAN	18
Annex A (informative) Lightning overvoltages of telecommunication line	19
Bibliography.....	20
Figure 1 – Symbol for a two-winding SIT.....	8
Figure 2 – Symbol for a two-winding SIT with polarity indication	9
Figure 3 – Symbol for a two-winding SIT with electric screen	9
Figure 4 – SIT with centre tapped windings.....	9
Figure 5 – Common-mode surge conditions for SIT.....	11
Figure 6 – Common-mode surge conditions for SIT with an electric screen	12
Figure 7 – Transformer differential surge truncation.....	13

Figure 8 – Example of surge protection using SITs in order to isolate two different buildings	14
Figure 9 – Example of surge protection using SITs in substation.....	15
Figure 10 – Example of surge protection using SITs in a communication building	16
Figure 11 – Example of surge protection using SITs in a data centre	17
Figure 12 – Example of surge protection using SITs for a Power over Ethernet (PoE) system	17
Figure 13 – Example of surge protection using SITs for LAN.....	18
Figure A.1 – Lightning overvoltages of telecommunication line.....	19
Table 1 – List of abbreviated terms used in this document	10
Table 2 – Classification of microclimate condition	10

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

COMPONENTS FOR LOW-VOLTAGE SURGE PROTECTION –

Part 352: Selection and application principles for telecommunications and signalling network surge isolation transformers (SITs)

FOREWORD

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IEC 61643-352 has been prepared by subcommittee 37B: Components for low-voltage surge protection, of IEC technical committee 37: Surge arresters.

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

FDIS	Report on voting
37B/161/FDIS	37B/167/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.

A list of all parts in the IEC 61643 series, published under the general title *Low-voltage surge protection*, can be found on the IEC website.

Future standards in this series will carry the new general title as cited above. Titles of existing standards in this series will be updated at the time of the next edition.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

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