



SLOVENSKI STANDARD
SIST EN IEC 60076-24:2020

01-november-2020

Močnostni transformatorji - 24. del: Specifikacija distribucijskih transformatorjev z regulacijo napetosti (VRDT)

Power transformers - Part 24: Specification of Voltage Regulating Distribution Transformers (VRDT)

Ta slovenski standard je istoveten z: EN IEC 60076-24:2020

ICS:

29.180 Transformatorji, Dusilke Transformers, Reactors

SIST EN IEC 60076-24:2020 **en**

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EUROPEAN STANDARD

EN IEC 60076-24

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2020

ICS 29.180

English Version

Power transformers - Part 24: Specification of voltage regulating
distribution transformers (VRDT)
(IEC 60076-24:2020)

Transformateurs de puissance - Partie 24: Spécification des
transformateurs de distribution régulateurs de tension
(VRDT)
(IEC 60076-24:2020)

Leistungstransformatoren - Teil 24: Spezifikation für
spannungsregelnde Verteilungstransformatoren (VRDT)
(IEC 60076-24:2020)

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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

EN IEC 60076-24:2020 (E)**European foreword**

The text of document 14/1050/FDIS, future edition 1 of IEC 60076-24, prepared by IEC/TC 14 "Power transformers" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60076-24:2020.

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) 2021-05-13
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2023-08-13

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Endorsement notice

The text of the International Standard IEC 60076-24:2020 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 standards indicated:

IEC 60068-2 (series)	NOTE	Harmonized as EN IEC 60068-2 (series)
IEC 60076-13	NOTE	Harmonized as EN 60076-13

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 60068-2-1	-	Environmental testing - Part 2-1: Tests - Test A: Cold	EN 60068-2-1	-
IEC 60068-2-2	-	Environmental testing - Part 2-2: Tests - Test B: Dry heat	EN 60068-2-2	-
IEC 60068-2-11	-	Basic environmental testing procedures - Part 2-11: Tests - Test Ka: Salt mist	-	-
IEC 60068-2-30	-	Environmental testing - Part 2-30: Tests - Test Db: Damp heat, cyclic (12 h + 12 h cycle)	EN 60068-2-30	-
IEC 60068-2-78	-	Environmental testing - Part 2-78: Tests - Test Cab: Damp heat, steady state	EN 60068-2-78	-
IEC 60076-1	-	Power transformers - Part 1: General	EN 60076-1	-
IEC 60076-2	-	Power transformers - Part 2: Temperature rise for liquid-immersed transformers	EN 60076-2	-
IEC 60076-5	-	Power transformers - Part 5: Ability to withstand short circuit	EN 60076-5	-
IEC 60076-7	-	Power transformers -- Part 7: Loading guide for oil-immersed power transformers	-	-
IEC 60076-10	-	Power transformers - Part 10: Determination of sound levels	EN 60076-10	-
IEC 60076-11	-	Power transformers - Part 11: Dry-type transformers	EN IEC 60076-11	-
IEC 60076-12	-	Power transformers - Part 12: Loading guide for dry-type power transformers	-	-
IEC 60255-21-1	-	Electrical relays - Part 21: Vibration, shock, bump and seismic tests on measuring relays and protection equipment - Section One: Vibration tests (sinusoidal)	EN 60255-21-1	-

EN IEC 60076-24:2020 (E)

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60255-21-2	-	Electrical relays - Part 21: Vibration, shock, bump and seismic tests on measuring relays and protection equipment - Section Two: Shock and bump tests	EN 60255-21-2	-
IEC 60529	-	Degrees of protection provided by enclosures (IP Code)	-	-
IEC 61000-6-2	-	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments	EN IEC 61000-6-2	-
IEC 61000-6-4	-	Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments	EN IEC 61000-6-4	-
IEC 61000-6-5	-	Electromagnetic compatibility (EMC) - Part 6-5: Generic standards - Immunity for equipment used in power station and substation environment	EN 61000-6-5	-
IEC 61010-1	-	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 1: General requirements	-	-
IEC 61010-2-201	-	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-201: Particular requirements for control equipment	-	-
-	-	Power transformers - additional European requirements	EN 50708	-



INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Power transformers –
Part 24: Specification of voltage regulating distribution transformers (VRDT)**

**Transformateurs de puissance –
Partie 24: Spécification des transformateurs de distribution régulateurs de
tension (VRDT)**

INTERNATIONAL
ELECTROTECHNICAL
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INTERNATIONALE

ICS 29.180

ISBN 978-2-8322-8564-0

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

POWER TRANSFORMERS –

**Part 24: Specification of voltage regulating
distribution transformers (VRDT)**

FOREWORD

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International Standard IEC 60076-24 has been prepared by IEC technical committee 14: Power transformers.

The text of this International Standard is based on the following documents:

FDIS	Report on voting
14/1050/FDIS	14/1055/RVD

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

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

A list of all parts in the IEC 60076 series, published under the general title *Power transformers*, can be found on the IEC website.