

Three-phase oil-immersed distribution transformers 50 Hz, from 50 kVA to 2 500 kVA with highest voltage for equipment not exceeding 36 kV —

Part 2-1: Distribution transformers with cable boxes on the high-voltage and/or low-voltage side — General requirements

The European Standard EN 50464-2-1:2007 has the status of a British Standard

ICS 29.180

National foreword

This British Standard is the UK implementation of EN 50464-2-1:2007. It supersedes BS 7821-2.1:1995 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee PEL/14, Power transformers.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard cannot confer immunity from legal obligations.

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English version

**Three-phase oil-immersed distribution transformers
50 Hz, from 50 kVA to 2 500 kVA with highest voltage
for equipment not exceeding 36 kV -
Part 2-1: Distribution transformers with cable boxes
on the high-voltage and/or low-voltage side -
General requirements**

Transformateurs triphasés de distribution
immergés dans l'huile,
50 Hz, de 50 kVA à 2 500 kVA,
de tension la plus élevée
pour le matériel ne dépassant pas 36 kV -
Partie 2-1: Transformateurs de distribution
raccordés par boîtes à câble côté haute
tension et/ou côté basse tension -
Prescriptions générales

Ölgefüllte
Drehstrom-Verteilungstransformatoren
50 Hz, 50 kVA bis 2 500 kVA,
mit einer höchsten Spannung
für Betriebsmittel bis 36 kV -
Teil 2-1: Verteilungstransformatoren
mit Kabelanschlusskästen auf der
Ober- und/oder Unterspannungsseite -
Allgemeine Anforderungen

This European Standard was approved by CENELEC on 2006-12-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

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CENELEC

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

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Foreword

The text of the Harmonization Document HD 428.2.1 S1:1994, prepared by the Technical Committee CENELEC TC 14, Power transformers, was submitted to the formal vote for conversion into a European Standard and was approved by CENELEC as EN 50464-2-1 on 2006-12-01.

The following date was 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) 2007-12-01

The EN 50464 series consists of the following parts, under the general title “Three-phase oil-immersed distribution transformers 50 Hz, from 50 kVA to 2 500 kVA with highest voltage for equipment not exceeding 36 kV”:

Part 1	General requirements
Part 2-1	Distribution transformers with cable boxes on the high-voltage and/or low-voltage side – General requirements
Part 2-2	Distribution transformers with cable boxes on the high-voltage and/or low-voltage side – Cable boxes type 1 for use on distribution transformers meeting the requirements of EN 50464-2-1
Part 2-3	Distribution transformers with cable boxes on the high-voltage and/or low-voltage side – Cable boxes type 2 for use on distribution transformers meeting the requirements of EN 50464-2-1
Part 3	Determination of the power rating of a transformer loaded with non-sinusoidal currents
Part 4	Requirements and tests concerning pressurised corrugated tanks

Contents

Introduction	4
1 Scope	5
2 Definitions	5
3 Electrical characteristics	6
4 Design characteristics	6
4.1 Type of oil preservation and degree of sealing	6
4.2 Terminal markings	6
4.3 Provision for cable box Type 1 connections	6
4.4 Provision for cable box Type 2	6
5 Transformer requirements	6
5.1 Transformers with cable boxes, mounted on both sides	6
5.2 Transformers with cable boxes, cover mounted	7
5.3 Unit substation transformer, with cable boxes mounted on the same side	7
5.4 Unit substation transformer with flange boxes, cover mounted	7
6 Distance between bushings	8
7 Tests	8

Figures

Figure 1 – Transformer with cable boxes, Type 1 side mounted – Limiting dimensions	9
Figure 2 – Unit substation transformer, with cable boxes Type 1 side mounted – Limiting dimensions	10
Figure 3 – Transformers with cable boxes, Type 1 cover mounted	11
Figure 4 – Cover mounted, air filled common HV/LV cable box Type 2	11
Figure 5 – Unit substation transformers, cover mounted	12
Figure 6 – Typical flange for flange box	12