**Draft for Public Comment**

Form 36

DPC: 19/30398813 DC

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Project No. 2019/02032

Responsible committee: PEL/96 Small transformers

Interested committees:

Title: Draft BS EN IEC 61558-2-4 Safety of transformers, reactors, power supply units and combinations thereof. Part 2-4: Particular requirements and tests for isolating transformers and power supply units incorporating isolating transformers for general applications.

Please notify the secretary if you are aware of any keywords that might assist in classifying or identifying the standard or if the content of this standard

i) has any issues related to 3rd party IPR, patent or copyright
ii) affects other national standard(s)
iii) requires additional national guidance or information

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This draft is issued to allow comments from interested parties; all comments will be given consideration prior to publication. No acknowledgement will normally be sent. **See overleaf for information on the submission of comments.**

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**Introduction**

This draft standard is based on national and international discussions. Your comments on this draft are invited and will assist in the preparation of the consequent standard.

For international standards, comments will be reviewed by the relevant UK national committee before sending the consensus UK vote and comments to the international committee, which will then decide appropriate action. If the international standard is approved, it is usual for the text to be published as a British Standard.

For national standards, comments will be reviewed by the relevant UK national committee and the resulting standards published as a British Standard.

**UK Vote**

Please indicate whether you consider the UK should submit a negative (with supporting technical reasons) or positive vote on this draft. Please indicate if you are aware of any reason why this draft standard should not be published as a British Standard.

**Submission of Comments**

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**Template for comments and secretariat observations**

| Date: xx/xx/20xx | Document: ISO/DIS xxxx |
|---|---|

| 1 | 2 | (3) | 4 | 5 | (6) | 7 |
|---|---|---|---|---|---|---|
| **MB** | Clause No./ Subclause No./Annex **(e.g. 3.1)** | Paragraph/Figure/ Table/Note | **Type of comment** | **Commend (justification for change) by the MB** | **Proposed change by the MB** | **Secretariat observations on each comment submitted** |
| | 3.1 | Definition 1 | ed | Definition is ambiguous and needs clarifying. | Amend to read '...so that the mains connector to which no connection...' | |
| | 6.4 | Paragraph 2 | te | The use of the UV photometer as an alternative cannot be supported as serious problems have been encountered in its use in the UK. | Delete reference to UV photometer. | |

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# 96/483/CDV

COMMITTEE DRAFT FOR VOTE (CDV)

| | |
|---|---|
| PROJECT NUMBER: **IEC 61558-2-4 ED3** | |
| DATE OF CIRCULATION: **2019-08-23** | CLOSING DATE FOR VOTING: **2019-11-15** |
| SUPERSEDES DOCUMENTS: **96/479/RR** | |

| | |
|---|---|
| IEC TC 96 : TRANSFORMERS, REACTORS, POWER SUPPLY UNITS, AND COMBINATIONS THEREOF | |
| SECRETARIAT: Germany | SECRETARY: Mr Wolfgang Reichelt |
| OF INTEREST TO THE FOLLOWING COMMITTEES: SC 3C,TC 14,TC 22,SC 22E,SC 34C,TC 51,TC 55,TC 61,SC 62A,TC 64,TC 66,TC 77,TC 97,TC 106,TC 108,TC 109,TC 111,TC 112 | PROPOSED HORIZONTAL STANDARD: ☐ Other TC/SCs are requested to indicate their interest, if any, in this CDV to the secretary. |
| FUNCTIONS CONCERNED: ☐ EMC ☐ ENVIRONMENT | ☐ QUALITY ASSURANCE ☒ SAFETY |
| ☐ SUBMITTED FOR CENELEC PARALLEL VOTING | ☒ NOT SUBMITTED FOR CENELEC PARALLEL VOTING |

This document is still under study and subject to change. It should not be used for reference purposes.

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

TITLE:

**Safety of transformers, reactors, power supply units and combinations thereof - Part 2-4: Particular requirements and tests for isolating transformers and power supply units incorporating isolating transformers for general applications**

PROPOSED STABILITY DATE: 2025

NOTE FROM TC/SC OFFICERS:

The closing date of vote for this document is 2019-11-15. In order for comments to be discussed at the TC 96 MT1 meeting to be held in Shanghai on 23 and 24 October 2019, National Committees are requested to submit their comments early, before 14 October 2019.

The provisional comments will be sent to TC 96 Secretary and MT 1 convenor for preparation of the MT 1 meeting, and subsequently reporting to TC 96 plenary meeting on 25 October 2019.

Please note that the final list of comments would be available after the closing date of vote, as per the usual procedure.

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

# SAFETY OF TRANSFORMERS, REACTORS, POWER SUPPLY UNITS AND COMBINATIONS THEREOF –

## Part 2-4: Particular requirements and tests for isolating transformers and power supply units incorporating isolating transformers for general applications

## FOREWORD

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International standard IEC 61558-2-4 has been prepared by IEC technical committee 96: Transformers, reactors, power supply units, and combinations thereof.

This third edition cancels and replaces the second edition published in 2009. It constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

a) Adjustment of structure and references in accordance with IEC 61558-1:2017 Edition 3

b) Description of constructions moved in IEC 61558-1:2017 Edition 3

c) New symbol for power supply unit with linearly regulated output voltage

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