



DPC: 24 / 30488480 DC

## BSI Group Headquarters

389 Chiswick High Road London W4 4AL

Tel: +44 (0)20 8996 9000

Fax: +44 (0)20 8996 7400

www.bsigroup.com

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Project No. 2024/00677

Responsible committee: GEL/20/17 Electric Cables - Low voltage

Interested committees:

Title: BS IEC 60245-4 Rubber insulated cables - Rated voltages up to and including 450/750 V

Part 4: Cords and flexible cables

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 NOT CURRENT BEYOND 1 May 2024**

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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Information on the co-operating organizations represented on the committees referenced above may be obtained from <http://standardsdevelopment.bsigroup.com>

Responsible Committee Secretary: **Mr Simon Bounds (BSI)**Direct tel: **0208 996 7281**E-mail: [simon.bounds@bsigroup.com](mailto:simon.bounds@bsigroup.com)

## 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 Please indicate if you are aware of any reason why this draft standard should not be published as a British Standard.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

- **Annotated drafts are not acceptable and will be rejected.**
- All comments should be submitted online at <https://standardsdevelopment.bsigroup.com/>. You will need to register in order to comment.

## 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.                                       |                                                    |



# 20/2169/CD

COMMITTEE DRAFT (CD)

PROJECT NUMBER:

**IEC 60245-4 ED4**

DATE OF CIRCULATION:

**2024-03-08**

CLOSING DATE FOR COMMENTS:

**2024-05-31**

SUPERSEDES DOCUMENTS:

**20/2162/RR**

IEC TC 20 : ELECTRIC CABLES

SECRETARIAT:

Germany

SECRETARY:

Mr Walter Winkelbauer

OF INTEREST TO THE FOLLOWING COMMITTEES:

PROPOSED HORIZONTAL STANDARD:

☐

Other TC/SCs are requested to indicate their interest, if any, in this CD to the secretary.

FUNCTIONS CONCERNED:

☐ EMC

☐ ENVIRONMENT

☐ QUALITY ASSURANCE

☐ SAFETY

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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.

Recipients of this document are invited to submit, with their comments, notification of any local regulations or technical reasons that may exist and should be considered should this proposal proceed, recognizing that failure to address such requirements could result in the need for new or existing "In Some Countries" clauses. (SEE [AC/22/2007](#) OR [NEW GUIDANCE DOC](#)).

TITLE:

**Rubber insulated cables - Rated voltages up to and including 450/750 V - Part 4: Cords and flexible cables**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**RUBBER INSULATED CABLES –  
RATED VOLTAGES UP TO AND INCLUDING 450/750 V –****Part 4: Cords and flexible cables**

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International Standard IEC 60245-4 has been prepared by IEC technical committee TC 20 : Electric cables. It is an International Standard.

This fourth edition of IEC 60245-4 cancels and replaces the third edition published in 2011. This edition constitutes a technical revision

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

- a) Reference to tests according to IEC 60245-2 has been withdrawn and replaced by IEC 63294,
- b) Normative references have been updated.

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

| FDIS         | Report on voting |
|--------------|------------------|
| 20/1262/FDIS | 20/1272/RVD      |

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at [www.iec.ch/members\\_experts/refdocs](http://www.iec.ch/members_experts/refdocs). The main document types developed by IEC are described in greater detail at [www.iec.ch/publications](http://www.iec.ch/publications).

A list of all the parts in the IEC 60245 series, published under the general title *Rubber insulated cables – Rated voltages up to and including 450/750 V*, can be found on the IEC website.

This document is to be used in conjunction with IEC 60245-1.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under [webstore.iec.ch](http://webstore.iec.ch) in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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## INTRODUCTION

The IEC 60245 series, published under the general title *Rubber insulated cables – Rated voltages up to and including 450/750 V*, consists of the following parts:

Part 1: General requirements

Part 2: Test methods has been withdrawn and replaced by the IEC 63294

Part 3: Heat resistant silicone insulated cables

Part 4: Cords and flexible cables

Part 5: Lift cables has been withdrawn

Part 6: Arc welding electrode cables

Part 7: Heat resistant ethylene-vinyl-acetate rubber insulated cables

Part 8: Cords for applications requiring high flexibility

This part of IEC 60245, when used in conjunction with IEC 60245-1, forms the complete standard for *Cords and flexible cables*.