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Project No. 2024/03638

Responsible committee: GEL/20/16 Electric Cables - Medium/high voltage

Interested committees:

Title: BS IEC 60287-2-4 Draft Electric cables - Calculation of the current rating. Part 2-4: Thermal resistance - Thermal Resistance in J-Tubes Installations.

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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.

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 Please indicate if you are aware of any reason why this draft standard should not be published as a British Standard.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

## COMMITTEE DRAFT FOR VOTE (CDV)

|                                                         |                                               |
|---------------------------------------------------------|-----------------------------------------------|
| PROJECT NUMBER:<br><b>IEC 60287-2-4 ED1</b>             |                                               |
| DATE OF CIRCULATION:<br><b>2025-12-12</b>               | CLOSING DATE FOR VOTING:<br><b>2026-03-06</b> |
| SUPERSEDES DOCUMENTS:<br><b>20/2210/NP, 20/2226/RVN</b> |                                               |

|                                                                |                                                                               |
|----------------------------------------------------------------|-------------------------------------------------------------------------------|
| IEC TC 20 : ELECTRIC CABLES                                    |                                                                               |
| SECRETARIAT:<br>Germany                                        | SECRETARY:<br>Mr Walter Winkelbauer                                           |
| OF INTEREST TO THE FOLLOWING COMMITTEES:                       | HORIZONTAL FUNCTION(S):                                                       |
| ASPECTS CONCERNED:<br>Energy Efficiency                        |                                                                               |
| <input type="checkbox"/> SUBMITTED FOR CENELEC PARALLEL VOTING | <input checked="" type="checkbox"/> NOT SUBMITTED FOR CENELEC PARALLEL VOTING |

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## TITLE:

**Electric cables - Calculation of the current rating - Part 2-4: Thermal resistance - Thermal Resistance in J-Tubes Installations**

PROPOSED STABILITY DATE: 2030

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

## Electric cables - Calculation of the current rating - Part 2-4: Thermal resistance - Thermal Resistance in J-Tubes Installations

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*In the case of a new edition replacing a previous edition , complete the following text. In the case of a first edition, delete it, as it does not apply.*

This edition cancels and replaces the edition published in , Amendment 1: and Amendment 2: . This edition constitutes a technical revision.

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

The text of this is based on the following documents:

|       |                  |
|-------|------------------|
| Draft | Report on voting |
|-------|------------------|

|  |  |
|--|--|
|  |  |
|--|--|

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 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/standardsdev/publications](http://www.iec.ch/standardsdev/publications) .

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- amended.