

Electric cables — Calculation of the current rating —

Part 2: Thermal resistance —

Section 2.2 A method for calculating reduction factors for groups of cables in free air, protected from solar radiation

ICS 29.060.20

Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee GEL/20, Electric cables, upon which the following bodies were represented:

- Association of Consulting Engineers
- Association of Manufacturers of Domestic Electrical Appliances
- BEAMA Electrical Cable and Conductor Accessory Manufacturers' Association
- British Approvals Service for Cables
- British Cable Makers Confederation
- British Iron and Steel Producers' Association
- British Plastics Federation
- Department of Trade and Industry (Consumer Safety Unit, CA division)
- Electricity Association
- London Regional Transport

The following bodies were also represented in the drafting of the standard, through subcommittees and panels:

- ERA Technology Ltd.
- Institution of Incorporated Executive Engineers
- London Underground Ltd.

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National foreword

This Section of BS 7769 has been prepared by Technical Committee GEL/20. It is identical with IEC 287-2-2:1995 *Electric cables — Calculation of the current rating — Part 2: Thermal resistance — Section 2: A method for calculating reduction factors for groups of cables in free air, protected from solar radiation*, published by the International Electrotechnical Commission (IEC).

Cross-references

Publication referred to	Corresponding British Standard
IEC 287-1-1:1994	BS 7769 <i>Electric cables. Calculation of the current rating. Part 1 Current rating equations (100 % load factor) and calculation of losses</i> Section 1.1:1996 <i>General</i> (Identical)
IEC 287-2-1:1994	Part 2 <i>Thermal resistance</i> Section 2.1:1996 <i>Calculation of thermal resistance</i> (Identical)

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, pages 1 to 6, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.