LV and MV accessories for power cables with rated voltage from 0.6/1 kV ($U_m = 1.2$ kV) up to and including 20.8/36 kV ($U_m = 42$ kV) —

Part 3: Test requirements for LV accessories

(Implementation of HD 623)

ICS 29.120.20



NO COPYING WITHOUT BSI PERMISSION EXCEPT AS PERMITTED BY COPYRIGHT LAW

Committees responsible for this British Standard

The preparation of this British Standard was entrusted by Technical Committee GEL/20, Electric cables, to Technical Subcommittee GEL/20/11 (formerly GEL/20/7), Cable accessories, upon which the following bodies were represented:

Association of Consulting Engineers

BEAMA Electrical Cable and Conductor Accessory Manufacturers' Association

British Approvals Service for Cables

British Cables Association

Electrical Contractors Association

Electrical Installation Equipment Manufacturers' Association (BEAMA Ltd.)

Electricity Association

ERA Technology Ltd.

Institution of Lighting Engineers

London Underground Ltd.

Railway Industries Association

This British Standard, having been prepared under the direction of the Electrotechnical Sector Board, was published under the authority of the Standards Board and comes into effect on 15 March 1998

Amendments issued since publication

| © BSI 2 May 2003 | Amd. No. | Date | Comments |
|--|---------------------|------------|---|
| | 10017 Corr No. 1 | April 1998 | Correction of erroneous clause references to BS 7888-2. |
| The following BSI references relate to the work on this standard | 13898 | 2 May 2003 | Revisions to Clauses 1, 2, 5.1 and 6.1 |
| Committee reference GEL/20/11 | | | |
| Draft for comment 92/26317 DC | | | |
| ISBN 0 580 29502 8 | | | |

Contents

| | | Page |
|-------------------------------|--|--------|
| Committees responsible Inside | | cover |
| Forev | word | ii |
| 1 | Scope | 1 |
| 2 | Normative references | 1 |
| 3 | Terms and definitions | 1 |
| 4 | Operating conditions | 2 |
| 5 | Requirements | 2 |
| 6 | Type testing | 3 |
| Table | e 1 — Maximum rated conductor temperatures | 2 |
| Table | e 2 — Summary of approvals for different cable insulations | 4 |
| Table | e 3 — Test sequence for joints for extruded insulation cables, transitio | n d |
| cable | s serveen extrated institution castes and impregnated paper institute. | 5 |
| Table | e 4 — Test sequence for stop ends on extruded insulation cables | 5 |
| Table | e 5 — Test sequence for outdoor terminations on extruded insulation | |
| cable | 98 | 6 |
| Table | e 6 — Number of test samples and conductor size | 7 |