

Installationskablar – Kablar med tvärbunden isolering och märkspänning högst 450/750 V Del 3: Värmebeständiga silikongummiisolerade kablar

House wiring cables –

Cables of rated voltages up to and including 450/750 V and having crosslinked insulation

Part 3: Heat resistant silicone rubber insulated cables

Denna svenska standard innehåller den engelska språkversionen av CENELECs harmoniseringsbeslut redovisat i HD 22.3 S4:2004.

Nationellt förord

Harmoniserad standard för installationskablar ges inom CENELEC ut som harmoniseringsdokument, HD. Dessa dokument skall vara underlag för nationellt utgiven standard. Denna standard innehåller harmoniseringsdokumentets text i oförändrad form på engelska. Sedan tidigare har en lista över harmoniseringsdokument i HD 22-serien givits ut som SS 424 02 35. Denna innehåller dock endast referenser till harmoniseringsdokumenten.

Denna utgåva 3 av standarden är en ny utgåva i fulltext. Den tidigare utgåvan i fulltext, utgåva 2, upphävdes när ikraftsättningsstandarden SS 424 02 35, listan över HD 22-dokument, fastställdes.

I standarden refereras till HD 22.1 General Requirements och HD 22.2 Test methods. Dessa dokument är under omarbetning och kommer inom kort att ersättas av EN 50363 Installationskablar – Material för isolering, mantlar och höljen, i flera delar, samt EN 50395 Installationskablar – Elektriska provningsmetoder och EN 50396 Kraftkablar och installationskablar – Icke-elektriska provningsmetoder.

Referenser till europastandard, EN xxxxx motsvaras av svensk standard SS-EN xxxxx.

Foreword

This edition 4 of HD 22.3 has been prepared by Technical Committee CLC/TC 20, Electric cables. It provides a full updating of edition 3, including incorporation of amendment No 1, and introduces other improvements.

HD 22.3 S4 is related to IEC 60245-3:1994, but is not directly equivalent.

HD 22 now has the following parts:

- | | | |
|-------------|---|--|
| HD 22.1 S4 | - | Cables of rated voltages up to and including 450/750 V and having cross-linked insulation - Part 1: General requirements |
| HD 22.2 S3 | - | Test methods |
| HD 22.3 S4 | - | Heat resistant silicone rubber insulated cables |
| HD 22.4 S4 | - | Cords and flexible cables |
| HD 22.5 | - | (Spare) |
| HD 22.6 S2 | - | Arc welding cables |
| HD 22.7 S2 | - | Cables with increased heat resistance for internal wiring for a conductor temperature of 110 °C |
| HD 22.8 S2 | - | Polychloroprene or equivalent synthetic elastomer sheathed cable for decorative chains |
| HD 22.9 S2 | - | Single core non-sheathed cables for fixed wiring having low emission of smoke and corrosive gases |
| HD 22.10 S1 | - | EPR insulated and polyurethane sheathed flexible cables |
| HD 22.11 S1 | - | EVA cords and flexible cables |
| HD 22.12 S1 | - | Heat resistant EPR cords and flexible cables |
| HD 22.13 S1 | - | Single and multicore flexible cables, insulated and sheathed with crosslinked polymer and having low emission of smoke and corrosive gases |
| HD 22.14 S2 | - | Cords for applications requiring high flexibility |
| HD 22.15 S1 | - | Multicore cables insulated and sheathed with heat resistant silicone rubber |
| HD 22.16 S1 | - | Water resistant polychloroprene or equivalent synthetic elastomer sheathed flexible cables |

In order that this revision of Part 3 of HD 22 does not introduce unnecessary changes to long-established clause numbers, the normative references (which would otherwise be inserted as Clause 2) are given in Annex A.

The draft Harmonization Document was submitted to the Unique Acceptance Procedure and approved by CENELEC as HD 22.3 S4 on 2004-02-01.

This Harmonization Document supersedes HD 22.3 S3:1995 + A1:1999.

The following dates were fixed:

- | | | |
|--|-------|------------|
| - latest date by which the existence of the HD has to be announced at national level | (doa) | 2004-08-01 |
| - latest date by which the HD has to be implemented at national level by publication of a harmonized national standard or by endorsement | (dop) | 2005-02-01 |
| - latest date by which the national standards conflicting with the HD have to be withdrawn | (dow) | 2006-02-01 |

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1 Scope

This Part 3 of the HD details the particular specifications for single core silicone rubber insulated cables, with or without silicone rubber sheath, of rated voltage up to and including 300/500 V.

Each cable shall comply with the appropriate requirements given in Part 1 and the particular requirements of this part.

NOTE The overall dimensions of the cables of this part of HD 22 have been calculated in accordance with EN 60719.

