



NSAI
Standards

Irish Standard
I.S. HD 22.12 S2:2007

Cables of rated voltages up to and including 450/750 V and having cross-linked insulation -- Part 12: Heat resistant EPR cords and flexible cables

I.S. HD 22.12 S2:2007

Incorporating amendments/corrigenda issued since publication:

<i>This document replaces:</i> I.S. HD 22.12 S1:1999	<i>This document is based on:</i> HD 22.12 S2:2007 HD 22.12 S1:1996	<i>Published:</i> 22 February, 2007 12 February, 1999
This document was published under the authority of the NSAI and comes into effect on: 16 September, 2009		ICS number: 29.060.20
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Price Code: J		
Údarás um Chaighdeáin Náisiúnta na hÉireann		

HARMONIZATION DOCUMENT
DOCUMENT D'HARMONISATION
HARMONISIERUNGSDOKUMENT

HD 22.12 S2

February 2007

ICS 29.060.20

Supersedes HD 22.12 S1:1996 + A1:1999

English version

**Cables of rated voltages up to and including 450/750 V
and having cross-linked insulation –
Part 12: Heat resistant EPR cords and flexible cables**

Conducteurs et câbles isolés
avec des matériaux réticulés
de tension assignée
au plus égale à 450/750 V –
Partie 12: Câbles souples à isolation EPR
résistant à la chaleur

Starkstromleitungen mit vernetzter
Isolierhülle für Nennspannungen
bis 450/750 V –
Teil 12: Wärmebeständige
Schlauchleitungen mit EPR-Isolierhülle

This Harmonization Document was approved by CENELEC on 2006-12-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for implementation of this Harmonization Document at national level.

Up-to-date lists and bibliographical references concerning such national implementations may be obtained on application to the Central Secretariat or to any CENELEC member.

This Harmonization Document exists in three official versions (English, French, German).

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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Foreword

This Harmonization Document was prepared by the Technical Committee CENELEC TC 20, Electric cables.

The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as HD 22.12 S2 on 2006-12-01.

This Harmonization Document supersedes HD 22.12 S1:1996 + A1:1999.

The following dates were fixed:

- latest date by which the existence of the HD has to be announced at national level (doa) 2007-06-01
- latest date by which the HD has to be implemented at national level by publication of a harmonized national standard or by endorsement (dop) 2007-12-01
- latest date by which the national standards conflicting with the HD have to be withdrawn (dow) 2008-12-01

HD 22, Cables of rated voltages up to and including 450/750 V and having cross-linked insulation, now has the following parts:

HD 22.1 S4	General requirements
HD 22.2 S3 ¹⁾	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 S3	Single core halogen-free non-sheathed cables for fixed wiring having low emission of smoke
HD 22.10 S2	EPR insulated and polyurethane sheathed flexible cables
HD 22.11 S2	EVA cords and flexible cables
HD 22.12 S2	Heat resistant EPR cords and flexible cables
HD 22.13 S2	Halogen-free flexible cables having low emission of smoke
HD 22.14 S3	Cords for applications requiring high flexibility
HD 22.15 S2	Multicore cables insulated and sheathed with heat resistant silicone rubber
HD 22.16 S2	Water resistant polychloroprene or equivalent synthetic elastomer sheathed cables

¹⁾ HD 22.2 is superseded by EN 50395 and EN 50396.

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