

Covered conductors for overhead lines and the related accessories for rated voltages above 1 kV a.c. and not exceeding 36 kV a.c. - Part 3: Guide to use

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

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**Covered conductors for overhead lines and the related accessories
for rated voltages above 1 kV a.c. and not exceeding 36 kV a.c. -
Part 3: Guide to use**

Conducteurs gainés pour lignes aériennes
et accessoires associés pour des tensions
assignées supérieures à 1 kV c.a.
et ne dépassant pas 36 kV c.a. -
Partie 3: Guide d'emploi

Kunststoffumhüllte Leiter und zugehörige
Armaturen für Freileitungen
mit Nennspannungen über 1 kV
und nicht mehr als 36 kV
Wechselspannung -
Teil 3: Leitfaden für die Verwendung

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CENELEC

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

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Foreword

This European Standard was prepared by the Technical Committee CENELEC TC 20, Electric cables. It was submitted to the formal vote and was approved by CENELEC as EN 50397-3 on 2010-02-01.

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The following dates were fixed:

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|--|-------|------------|
| – latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement | (dop) | 2011-02-01 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn | (dow) | 2013-02-01 |
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Introduction

EN 50397 "Covered conductors for overhead lines and the related accessories for rated voltages above 1 kV a.c. and not exceeding 36 kV a.c." is in three parts. These are:

Part 1: Covered conductors;

Part 2: Accessories for covered conductors - Tests and acceptance criteria;

Part 3: Guide to use.

This Part 3 "Guide to use" assumes that the user will benefit from a single document that gives guidance on all the equipment specified within the other two parts.

1 Scope

This part of EN 50397 provides general recommendations for the selection, storage, transportation and installation of the covered conductors and the related accessories specified in Parts 1 and 2 of the standard, unless otherwise specified. Safety regulations and environmental regulations as well as rules for installation and mechanical design are not considered in this Guide to use, as they are covered by relevant national regulations and laws. Relevant national regulations are not considered in this guide, but shall always be consulted as appropriate.

NOTE The term "national regulations" is used throughout this guide. It may include specific safety regulations, rules of installation and other relevant instructions which, depending upon the particular country or district, may exist in a legislative (mandatory) form, or as a non-mandatory code of practice. In addition certain specific utilities may have their own safety practices.

It is assumed that the design of installations, the purchase and installation of covered conductors and of the related accessories specified in this EN is entrusted to suitably skilled and competent people. In case of doubt as to the suitability of covered conductors and the related accessories for a particular use, further specific information shall be obtained from the manufacturer.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 50397-1:2006, *Covered conductors for overhead lines and the related accessories for rated voltages above 1 kV a.c. and not exceeding 36 kV a.c. - Part 1: Covered conductors*

EN 50397-2, *Covered conductors for overhead lines and the related accessories for rated voltages above 1 kV a.c. and not exceeding 36 kV a.c. - Part 2: Accessories for covered conductors - Tests and Acceptance criteria*

EN 50182:2001, *Conductors for overhead lines - Round wire concentric lay stranded conductors*