

STN	Vodiče s ochranným obalom na vonkajšie vedenia a súvisiace príslušenstvo pre striedavé menovité napätia nad 1 kV a neprevyšujúce 36 kV Časť 3: Návod na používanie	STN EN 50397-3 34 7412
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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

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 09/22

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EN 50397-3

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Supersedes EN 50397-3:2010

English Version

**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
en courant alternatif et ne dépassant pas 36 kV en courant
alternatif - 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: Leitfadens für die
Verwendung

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Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN 50397-3:2022 (E)

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EN 50397-3:2022 (E)**European foreword**

This document (EN 50397-3:2022) has been prepared by CLC/TC 20 "Electric cables".

The following dates are fixed:

- latest date by which this document has to be (dop) 2023-06-27
implemented at national level by publication of
an identical national standard or by
endorsement
- latest date by which the national standards (dow) 2025-06-27
conflicting with this document have to be
withdrawn

This document supersedes EN 50397-3:2010, and all of its amendments and corrigenda (if any).

EN 50397-3:2022 has been updated editorially with respect to EN 50397-3:2010.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

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.*” consists of 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.

EN 50397-3:2022 (E)**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 EN 50397-1 and EN 50397-2, 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 it is advised that they are always consulted as appropriate.

NOTE The term “national regulations” is used throughout this guide. It can include specific safety regulations, rules of installation and other relevant instructions which, depending upon the particular country or district, can exist in a legislative (mandatory) form, or as a non-mandatory code of practice. In addition, certain specific utilities can 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 document are 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 is expected to be obtained from the manufacturer.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 AC and not exceeding 36 kV AC — Part 2: Accessories for covered conductors — Tests and acceptance criteria*

EN 50182:2001¹, *Conductors for overhead lines — Round wire concentric lay stranded conductors*

Note 1 to entry: See EN 50397-1:2006, 4.2.1.

koniec náhľadu – text ďalej pokračuje v platenej verzii STN

¹ As impacted by EN 50182:2001/AC:2013, EN 50182:2001/corrigendum Apr. 2004, EN 50182:2001/corrigendum Jul. 2001 and EN 50182:2001/corrigendum Jun. 2005.