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**Prekrivne plošče in folije za zaščito in opozarjanje na položaj kablov ali zasutih kanalov v podzemnih napeljavah - Dopolnilo A1**

Cover plates and cover tapes for the protection and location warning of buried cables or buried conduits in underground installations

Abdeckplatten und –bänder zum Schutz und zur Warnkennzeichnung der Lage von Kabeln oder erdverlegten Elektroinstallationsrohren in Unterbodeninstallationen

Plaques et bandes de protection pour la protection et le signalement des câbles enterrés ou des conduits enterrés dans les installations sous terre

[SIST EN 50520:2020/A1:2021](https://standards.iteh.ai/catalog/standards/sist/55be0f71-45ac-4a86-b7f3-b896aeb74ef1/sist-en-50520-2020-a1-2021)

<https://standards.iteh.ai/catalog/standards/sist/55be0f71-45ac-4a86-b7f3-b896aeb74ef1/sist-en-50520-2020-a1-2021>

**Ta slovenski standard je istoveten z: EN 50520:2020/A1:2021**

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**ICS:**

29.060.01	Električne žice in kabli na splošno	Electrical wires and cables in general
29.120.10	Inštalacijske cevi za električne namene	Conduits for electrical purposes

**SIST EN 50520:2020/A1:2021**

**en**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 50520:2020/A1**

September 2021

ICS 29.120.10

English Version

**Cover plates and cover tapes for the protection and location  
warning of buried cables or buried conduits in underground  
installations**

Plaques de protection et bandes de protection utilisées pour  
protéger et avertir de la présence des câbles enterrés ou  
des conduits enterrés dans les installations souterraines

Abdeckplatten und -bänder zum Schutz und zur  
Warnkennzeichnung der Lage von Kabeln oder  
erdverlegten Elektroinstallationsrohren in  
Unterbodeninstallationen

This amendment A1 modifies the European Standard EN 50520:2020; it was approved by CENELEC on 2021-06-09. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment the status of a national standard without any alteration.

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.

This amendment exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

[SIST EN 50520:2020/A1:2021](https://standards.iteh.ai/catalog/standards/sist/55be0f71-45ac-4a86-b7b3-180cc01c1b1d/en-50520-2020-a1)

<https://standards.iteh.ai/catalog/standards/sist/55be0f71-45ac-4a86-b7b3-180cc01c1b1d/en-50520-2020-a1>

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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**

## European foreword

This document (EN 50520:2020/A1:2021) has been prepared by CLC/TC 213, "Cable management systems".

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2022-06-09
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2023-09-14

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.

This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For the relationship with EU Directive(s) see Informative Annex ZZ, which is an integral part of this document.

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.

<https://standards.iteh.ai/catalog/standards/sist/55be0f71-45ac-4a86-b7b3-f686ecb74ef4/sist-en-50520-2020-a1-2021>

## 1 Modification to Clause 2, “Normative references”

Replace the normative references IEC 60417 and ISO 3864 (series) with the following:

“

IEC 60417:2002 DB, *Graphical symbols for use on equipment*

ISO 3864-1:2011, *Graphical symbols — Safety colours and safety signs — Part 1: Design principles for safety signs and safety markings*

ISO 3864-2:2016, *Graphical symbols — Safety colours and safety signs — Part 2: Design principles for product safety labels*

ISO 3864-3:2012, *Graphical symbols — Safety colours and safety signs — Part 3: Design principles for graphical symbols for use in safety signs*

ISO 3864-4:2011, *Graphical symbols — Safety colours and safety signs — Part 4: Colorimetric and photometric properties of safety sign materials*

## 2 Modification to Clause 7, “Marking and documentation”

Replace 7.1 as follows:

“7.1 Cover plates and cover tapes shall be marked with:

- name, sign or trademark of the manufacturer or responsible vendor;
- a product identification mark which may be, for example, a catalogue number, a symbol or the like
- the reference to this document; [SIST EN 50520:2020/A1:2021](https://standards.iteh.ai/catalog/standards/sist/55be0f71-45ac-4a86-b7b3-f686ecb74ef4/sist-en-50520-2020-a1-2021)
- the following notice: <https://standards.iteh.ai/catalog/standards/sist/55be0f71-45ac-4a86-b7b3-f686ecb74ef4/sist-en-50520-2020-a1-2021>
  - a warning, as for example *ATTENTION* or *PRECAUTION*;
  - for the cover plates and cover tapes intended for protection and signalling of electric cables or conduits for electric cables buried underground:

the warning sign for dangerous voltage as specified in IEC 60417:2002 DB (code 5036), inside an advertisement sign as specified on ISO 3864-1:2011, ISO 3864-2:2016, ISO 3864-3:2012 and ISO 3864-4:2011, and the message *ELECTRIC CABLES*;

- for cover plates and cover tapes intended for protecting and indicating the presence of information and communication technology cables or conduits for information and communication technology cables that are buried underground:

an advertisement sign as specified in ISO 3864-1:2011, ISO 3864-2:2016, ISO 3864-3:2012 and ISO 3864-4:2011, and the message *CABLES*.

Cover plates and cover tapes can voluntarily be marked with:

- the trademark or name of either the Supplier electric company or operator of the network.

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- any information regarding the used raw material, as e.g. the recycling mark showing the used material.

NOTE An example of the marks that are on a cover plate or cover tape is given in Annex B.

*Compliance is checked by inspection and if necessary by measurement."*

### **3 Modification to Annex ZZ, "Relationship between this European Standard and the safety objectives of Directive 2014/35/EU [2014 OJ L96] aimed to be covered"**

Replace the Annex ZZ with the following:

**"Annex ZZ**  
(informative)

#### **Relationship between this European Standard and the safety objectives of Directive 2014/35/EU [2014 OJ L96] aimed to be covered**

This European Standard has been prepared under a Commission's standardization request relating to harmonized standards in the field of the Low Voltage Directive, M/511, to provide one voluntary means of conforming to safety objectives of Directive 2014/35/EU of the European Parliament and of the Council of 26 February 2014 on the harmonization of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits [2014 OJ L96].

Once this standard is cited in the Official Journal of the European Union under that Directive, compliance with the normative clauses of this standard given in Table ZZ.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding safety objectives of that Directive, and associated EFTA regulations.

**Table ZZ.1 — Correspondence between this European Standard and Annex I of Directive 2014/35/EU [2014 OJ L96]**

<b>Safety objectives of Directive 2014/35/EU</b>	<b>Clause(s) / subclause(s) of this EN</b>	<b>Remarks / Notes</b>
(1)(a)	Clauses 7 and 8	
(1)(b)	Clauses 5 and 7	
(1)(c)	Clauses 4 and 6 See also 2c), 3a) and 3b) below	
(2)(a)		Not applicable. Cover tapes and cover plates do not carry any current, so there is no danger by direct contact.  Cover tapes and cover plates are not in contact with live parts, so there is no danger by indirect contact
(2)(b)		Not applicable Cover tapes and cover plates do not carry any current and they cannot produce heat, arcs or radiation.