



SLOVENSKI STANDARD

SIST EN IEC 60947-5-7:2025

01-november-2025

Nadomešča:
SIST EN 60947-5-7:2003

Nizkonapetostne stikalne in krmilne naprave - 5-7. del: Krmilne naprave in stikalni elementi - Bližinske naprave z analognim izhodom (IEC 60947-5-7:2024)

Low-voltage switchgear and controlgear - Part 5-7: Control circuit devices and switching elements - Proximity devices with analogue output (IEC 60947-5-7:2024)

Niederspannungsschaltgeräte - Teil 5-7: Steuergeräte und Schaltelemente - Anforderungen an Näherungssensoren mit Analogausgang (IEC 60947-5-7:2024)

Appareillage à basse tension - Partie 5-7: Appareils et éléments de commutation pour circuits de commande - Détecteurs de proximité à sortie analogique (IEC 60947-5-7:2024)

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Ta slovenski standard je istoveten z: EN IEC 60947-5-7:2025

ICS:

29.130.20	Nizkonapetostne stikalne in krmilne naprave	Low voltage switchgear and controlgear
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SIST EN IEC 60947-5-7:2025 **en**

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 60947-5-7

September 2025

ICS 29.130.20

Supersedes EN 60947-5-7:2003

English Version

**Low-voltage switchgear and controlgear - Part 5-7: Control
circuit devices and switching elements - Proximity devices with
analogue output
(IEC 60947-5-7:2024)**

Appareillage à basse tension - Partie 5-7: Appareils et
éléments de commutation pour circuits de commande -
DéTECTEURS de proximité à sortie analogique
(IEC 60947-5-7:2024)

Niederspannungsschaltgeräte - Teil 5-7: Steuergeräte und
Schaltelemente - Anforderungen an Näherungssensoren
mit Analogausgang
(IEC 60947-5-7:2024)

This European Standard was approved by CENELEC on 2024-10-16. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard 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 European Standard 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.

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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 IEC 60947-5-7:2025 (E)**European foreword**

The text of document 121A/592/FDIS, future edition 2 of IEC 60947-5-7, prepared by SC 121A "Low-voltage switchgear and controlgear" of IEC/TC 121 "Switchgear and controlgear and their assemblies for low voltage" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60947-5-7:2025.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2026-09-30 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2028-09-30 document have to be withdrawn

This document supersedes EN 60947-5-7:2003 and all of its amendments and corrigenda (if any).

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 is read in conjunction with EN IEC 60947-5-2:2020.

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)
Endorsement notice
Document Preview

The text of the International Standard IEC 60947-5-7:2024 was approved by CENELEC as a European Standard without any modification.

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In the official version, for Bibliography, the following notes have to be added for the standard indicated:

IEC 60068-2-31	NOTE	Approved as EN 60068-2-31
IEC 61131-2:2017	NOTE	Approved as EN IEC 61131-2:— ¹ (not modified)
IEC 61158 series	NOTE	Approved as EN 61158 series
IEC 61784-1-0	NOTE	Approved as EN IEC 61784-1-0
IEC 61784-2-0	NOTE	Approved as EN IEC 61784-2-0
IEC 61784-5-1	NOTE	Approved as EN 61784-5-1
IEC 61784-2	NOTE	Approved as EN IEC 61784-2
IEC 62683-1:2017	NOTE	Approved as EN 62683-1:2017 (not modified)
IEC 62828-1:2017	NOTE	Approved as EN IEC 62828-1:2018 (not modified)
IEC 62828-4:2020	NOTE	Approved as EN IEC 62828-4:2020 (not modified)
IEC/TR 63201:2019	NOTE	Approved as CLC IEC/TR 63201:2020 (not modified)

¹ Under preparation. Stage at the time of publication: FprEN IEC 61131-2:2017.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60947-5-2	2019	Low-voltage switchgear and controlgear - Part 5-2: Control circuit devices and switching elements - Proximity switches	EN IEC 60947-5-2	2020
-	-		+ A11	2022
IEC 61131-9	2022	Programmable controllers - Part 9: Single-drop digital communication interface for small sensors and actuators (SDCI)	EN IEC 61131-9	2022
IEC 62443-2	series	Security for industrial automation and control systems	EN IEC 62443-2	series
IEC/TS 63208	2020	Low-voltage switchgear and controlgear - Security aspects	-	-

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IEC 60947-5-7

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INTERNATIONAL STANDARD

NORME INTERNATIONALE



**Low-voltage switchgear and controlgear –
Part 5-7: Control circuit devices and switching elements – Proximity devices with
analogue output**

**Appareillage à basse tension –
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DéTECTEURS de proximité à sortie analogique**

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