SLOVENSKI STANDARD
SIST EN IEC 61131-9:2022

01-oktober-2022

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Programirljivi krmilniki - 9. del: Enožični digitalni komunikacijski vmesnik za male senzorje in dajalnike (SDCI) (IEC 61131-9:2022)

Programmable controllers - Part 9: Single-drop digital communication interface for small sensors and actuators (SDCI) (IEC 61131-9:2022)

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Speicherprogrammierbare Steuerungen - Teil 9: Schnittstelle für die Kommunikation mit kleinen Sensoren und Aktoren über eine Punkt-zu-Punkt-Verbindung (IEC 61131-9:2022)

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Automates programmables - Partie 9: Interface de communication numérique point à point pour les petits capteurs et actionneurs (SDCI) (IEC 61131-9:2022)

Ta slovenski standard je istoveten z: **EN IEC 61131-9:2022**

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2003-01.Slovenski inštitut za standardizacijo. Razmnoževanje celote ali delov tega standarda ni dovoljeno.

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European foreword

The text of document 65B/1218/FDIS, future edition 2 of IEC 61131-9, prepared by SC 65B "Measurement and control devices" of IEC/TC 65 "Industrial-process measurement, control and automation" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61131-9:2022.

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

IEC 60870-5-1	NOTE	Harmonized as EN 60870-5-1
IEC 61158-2	NOTE	Harmonized as EN 61158-2
IEC/TR 62453-61	NOTE	Harmonized as CLC/TR 62453-61
IEC 62443 (series)	NOTE	Harmonized as EN IEC 62443 (series)

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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.

Publication	Year	Title	EN/HD	Year
IEC 60664	series	Insulation coordination for equipment within low-voltage supply systems	EN IEC 60664	series
IEC 60947-5-2	-	Low-voltage switchgear and controlgear - Part 5-2: Control circuit devices and switching elements - Proximity switches	EN IEC 60947-5-2	-
IEC 61000-4-2	-	Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test	EN 61000-4-2	-
IEC 61000-4-3	-	Electromagnetic compatibility (EMC) - Part 4-3: Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test	EN IEC 61000-4-3	-
IEC 61000-4-4	-	Electromagnetic compatibility (EMC) - Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test	EN 61000-4-4	-
IEC 61000-4-5	-	Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test	EN 61000-4-5	-
IEC 61000-4-6	-	Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields	EN 61000-4-6	-
IEC 61000-4-11	-	Electromagnetic compatibility (EMC) - Part 4-11: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 A per phase	EN IEC 61000-4-11	-
IEC 61000-6-2	-	Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity standard for industrial environments	EN IEC 61000-6-2	-

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Publication	Year	Title	EN/HD	Year
IEC 61000-6-4	-	Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments	EN IEC 61000-6-4	-
IEC 61010-2-201	-	Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-201: Particular requirements for control equipment	EN IEC 61010-2-201	-
IEC 61076-2-101	-	Connectors for electronic equipment - Product requirements - Part 2-101: Circular connectors - Detail specification for M12 connectors with screw-locking	EN 61076-2-101	-
IEC 61131-1	-	Programmable controllers - Part 1: General information	EN 61131-1	-
IEC 61131-2	-	Industrial-process measurement and control - Programmable controllers - Part 2: Equipment requirements and tests	-	-

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Part 9: Single-drop digital communication interface for small sensors and actuators (SDCI)

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Annex G (normative) Structure of the Data Storage data object 315

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