SLOVENSKI STANDARD
oSIST prEN IEC 62271-3:2026

01-februar-2026

Visokonapetostne stikalne in krmilne naprave - 3. del: Digitalni vmesniki, ki temeljijo na IEC 61850

High-voltage switchgear and controlgear - Part 3: Digital interfaces based on IEC 61850

Hochspannungs-Schaltgeräte und -Schaltanlagen - Teil 3: Digitale Schnittstellen nach IEC 61850

Appareillage à haute tension - Partie 3: Interfaces numériques basées sur l'IEC 61850

Ta slovenski standard je istoveten z: **prEN IEC 62271-3:2025**

ICS:

29.130.10	Visokonapetostne stikalne in krmilne naprave	High voltage switchgear and controlgear
35.200	Vmesniška in povezovalna oprema	Interface and interconnection equipment

oSIST prEN IEC 62271-3:2026 **en**

17/1189/CDV

COMMITTEE DRAFT FOR VOTE (CDV)

PROJECT NUMBER:	
IEC 62271-3 ED3	
DATE OF CIRCULATION: 2025-12-05	CLOSING DATE FOR VOTING: 2026-02-27
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IEC TC 17 : HIGH-VOLTAGE SWITCHGEAR AND CONTROLGEAR	
SECRETARIAT: Sweden	SECRETARY: Mr Arjan Bronsveld
OF INTEREST TO THE FOLLOWING COMMITTEES: SC 17A, TC 38, TC 57, TC 77, TC 95	HORIZONTAL FUNCTION(S):
ASPECTS CONCERNED: Electromagnetic Compatibility, Safety	
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TITLE:

High-voltage switchgear and controlgear – Part 3: Digital interfaces based on IEC 61850

PROPOSED STABILITY DATE: 2032

NOTE FROM TC/SC OFFICERS:

CONTENTS

INTERNATIONAL ELECTROTECHNICAL COMMISSION

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HIGH-VOLTAGE SWITCHGEAR AND CONTROLGEAR –

Part 3: Digital interfaces based on IEC 61850

FOREWORD

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International Standard IEC 62271-3 has been prepared by IEC technical committee 17: Switchgear and controlgear. This third edition cancels and replaces the second edition published in 2015. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

a) Scope of this standard is explained in more detail (subclauses 1.1.1 and 1.1.2)
b) Logical node classes, constructed classes structure and descriptions (subclause 5.2)
c) Definition of the term “communication devices” in the context of this standard has been added (subclause 3.23)
d) an update to the latest edition(s) of IEC 61850 series
e) an update of normative references
f) the Annex C gives an additional simplified example for performance type testing
g) the definition of switchgear controller was improved (subclause 3.21)