



SLOVENSKI STANDARD

SIST-TS CLC IEC/TS 62271-316:2026

01-februar-2026

Visokonapetostne stikalne in krmilne naprave - 316. del: Stikala za preklop enosmernega toka in vzporedna stikala (IEC/TS 62271-316:2024)

High-voltage switchgear and controlgear - Part 316: Direct current by-pass switches and paralleling switches (IEC/TS 62271-316:2024)

Hochspannungs-Schaltgeräte und -Schaltanlagen - Teil 316: Gleichstrom-Nebenwegschalter und Gleichstromschalter zum Schalten paralleler Strompfade (IEC/TS 62271-316:2024)

Appareillage haute tension - Partie 316: Sectionneurs de shuntage à courant continu et sectionneurs parallèles (IEC/TS 62271-316:2024)

Ta slovenski standard je istoveten z: IEC CLC IEC/TS 62271-316:2025

ICS:

29.130.10	Visokonapetostne stikalne in krmilne naprave	High voltage switchgear and controlgear
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SIST-TS CLC IEC/TS 62271-316:2026 en

TECHNICAL SPECIFICATION
SPÉCIFICATION TECHNIQUE
TECHNISCHE SPEZIFIKATION

CLC IEC/TS 62271-316

December 2025

ICS 29.130.10

English Version

**High-voltage switchgear and controlgear - Part 316: Direct
current by-pass switches and paralleling switches
(IEC/TS 62271-316:2024)**

Appareillage haute tension - Partie 316: Sectionneurs de
shuntage à courant continu et sectionneurs parallèles
(IEC/TS 62271-316:2024)

Hochspannungs-Schaltgeräte und -Schaltanlagen - Teil
316: Gleichstrom-Nebenwegschalter und
Gleichstromschalter zum Schalten paralleler Strompfade
(IEC/TS 62271-316:2024)

This Technical Specification was approved by CENELEC on 2025-12-08.

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

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CLC IEC/TS 62271-316:2025 (E)**European foreword**

This document (CLC IEC/TS 62271-316:2025) consists of the text of IEC/TS 62271-316:2024 prepared by IEC/TC 17 "High-voltage switchgear and controlgear".

This document is read in conjunction with CLC IEC/TS 62271-5:2025.

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Endorsement notice

The text of the International Technical Specification/Technical Report IEC/TS 62271-316:2024 was approved by CENELEC as a European Technical Specification/Technical Report without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 62271-100 NOTE Approved as EN IEC 62271-100

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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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60050-151	-	International Electrotechnical Vocabulary - Part 151: Electrical and magnetic devices	-	-
IEC 60050-441	-	International Electrotechnical Vocabulary. Switchgear, controlgear and fuses	-	-
IEC 60050-442	-	International Electrotechnical Vocabulary - Part 442: Electrical accessories	-	-
IEC 60050-461	-	International Electrotechnical Vocabulary - Part 461: Electric cables	-	-
IEC 60050-601	-	International Electrotechnical Vocabulary. Chapter 601: Generation, transmission and distribution of electricity - General	-	-
IEC 60050-614	-	International Electrotechnical Vocabulary - Part 614: Generation, transmission and distribution of electricity - Operation	-	-
IEC 60060-1	-	High-voltage test techniques - Part 1: General terminology and test requirements	EN IEC 60060-1	-
IEC 60071-11	2022	Insulation co-ordination - Part 11: Definitions, principles and rules for HVDC system	EN IEC 60071-11	2022
IEC 60071-12	2022	Insulation co-ordination - Part 12: Application guidelines for LCC HVDC converter stations	EN IEC 60071-12	2022
IEC 60296	-	Fluids for electrotechnical applications - Mineral insulating oils for electrical equipment	EN IEC 60296	-
IEC 60376	-	Specification of technical grade sulphur hexafluoride (SF ₆) and complementary gases to be used in its mixtures for use in electrical equipment	EN IEC 60376	-
IEC 60480	-	Specifications for the re-use of sulphur hexafluoride (SF ₆) and its mixtures in electrical equipment	EN IEC 60480	-

CLC IEC/TS 62271-316:2025 (E)

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60633	2019	High-voltage direct current (HVDC) transmission - Vocabulary	EN IEC 60633	2019
IEC TS 62271-5	2024	High-voltage switchgear and controlgear - Part 5: Common specifications for direct current switchgear and controlgear	CLC IEC/TS 62271-5	2025
IEC 62271-102	2018	High-voltage switchgear and controlgear - Part 102: Alternating current disconnectors and earthing switches	EN IEC 62271-102	2018
+ A1	2022		+ A1	2022
IEC/TS 62271-315	2025	High-voltage switchgear and controlgear - Part 315: Direct current (DC) transfer switches	-	-

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Part 316: Direct current by-pass switches and paralleling switches**

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