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Stand: 04.11.2025

Für Prüfungen (ISO/IEC 17025):

Norm / Hausverfahren / Version	Titel der Norm (ggf. Abweichungen / Modifizierungen von Normverfahren angeben)	Prüfbereich / Einschränkung	Bemerkung
CSA 22.2 No 31: 2018-01	Switchgear Assemblies	8.5.1, 8.5.2, 8.5.3	Anmerkung 1
CSA 22.2 No 31: 2014-06	Switchgear Assemblies	8.5.1, 8.5.2, 8.5.3	
CSA-C22.2 No. 58:1989-05	High-Voltage Isolating Switches	6.2, 6.3, 6.4, 6.5	
CSA-C22.2 No. 193:1986-05	High-Voltage Full-Load Interrupter Switches	5.2, 5.3, 5.4, 5.7	
IEC 60060-1: 2025-04	High-voltage test techniques – Part 1: General terminology and test requirements	ohne 4.4 und 4.5, ohne 10	
IEC 60060-1: 2010-09	High-voltage test techniques – Part 1: General definitions and test requirements	ohne 4.4 und 4.5	
IEC 60068-2-1: 2007-03	Environmental testing - Part 2-1: Tests - Test A: Cold	5, 6	
IEC 60068-2-11: 2021-03	Environmental testing – Part 2-11: Tests – Test Ka: Salt Mist	5, 6, 8, 10, 11, 12, 13	
IEC 60068-2-11: 1981-01	Basic environmental testing procedures – Part 2-11: Tests – Test Ka: Salt Mist	4, 7	
IEC 60068-2-14: 2009-01	Basic environmental testing procedures – Part 2-14: Tests – Test N: Change of Temperature	8	Anmerkung 1
IEC 60068-2-17: 2023-06	Basic environmental testing procedures – Part 2-17: Tests – Test Q: Sealing	11	
IEC 60068-2-17: 1994-07	Basic environmental testing procedures – Part 2-17: Tests – Test Q: Sealing	8	
IEC 60068-2-2: 2007-07	Environmental testing - Part 2-2: Tests - Test B: Dry heat	5, 6	
IEC 60068-2-30: 2005-08	Environmental testing – Part 2-30: Tests – Test Db: Damp heat, cyclic (12 + 12 h cycle)		
IEC 60068-2-52: 2017-11	Environmental testing - Part 2-52: Tests – Test Kb: Salt mist, cyclic (sodium chloride solution)	Ohne 9.4.8 und 9.4.9	
IEC 60068-2-52: 1996-01	Environmental testing - Part 2-52: Tests – Test Kb: Salt mist, cyclic (sodium chloride solution)		
IEC 60068-2-78: 2012-10	Environmental testing – Part 2-78: Tests – Test Cab: Damp heat, steady state		
IEC 60282-1: 2020-04	High-voltage fuses - Part 1: Current-limiting fuses	7.1, 7.3, 7.4 ohne 7.4.6, 7.5	
IEC 60282-1: 2009-10	High-voltage fuses - Part 1: Current-limiting fuses	6.1, 6.3, 6.4 ohne 6.4.6, 6.5	
IEC 60529: 2013-08	Degrees of protection provided by enclosures (IP code)		

Frei verwendbar

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IEC 61180: 2016-06	High-voltage test techniques for low-voltage equipment Part 1: Definitions, test and procedure requirements	4,6	
IEC 61180-1: 1992-06	High-voltage test techniques for low-voltage equipment Part 1: Definitions, test and procedure requirements	ohne 4, 7, 8	
IEC 61243-5: 1997-06	Live working - Voltage detectors - Part 5: Voltage detecting systems (VDS)	5 ohne 5.22 und 5.23	
IEC 62262: 2002-02 + AMD1: 2021-09	Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts	4, 5, 6 ohne IK 11, 7	
IEC 62262: 2002-02	Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts	4, 5, 6, 7	
IEC 62271-1: 2017-07 + AMD1: 2021-10	High-voltage switchgear and controlgear – Part 1: Common specifications	7.2 ohne 7.2.3, 7.2.8 und 7.2.9 7.4 ohne 7.4.1 und 7.4.2 7.5 7.6 7.7 7.8 ohne 7.8.2 und 7.8.5 7.10 ohne 7.10.3.3, 7.10.3.4 und 7.10.4.5	
IEC 62271-1: 2017-07	High-voltage switchgear and controlgear – Part 1: Common specifications	7.2 ohne 7.2.3, 7.2.8 und 7.2.9 7.4 ohne 7.4.1 und 7.4.2 7.5 7.6 7.7 7.8 ohne 7.8.2 und 7.8.5 7.10 ohne 7.10.3.3, 7.10.3.4 und 7.10.4.5	
IEC 62271-1: 2017-02 FDIS	High-voltage switchgear and controlgear – Part 1: Common specifications	7.4 ohne 7.4.1 und 7.4.2 7.5	
IEC 62271-1: 2016-07 CDV	High-voltage switchgear and controlgear – Part 1: Common specifications	6.4 ohne 6.4.2 6.5	

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IEC 62271-1: 2011-08	High-voltage switchgear and controlgear – Part 1: Common specifications	6.2 ohne 6.2.2 und 6.2.5.2 und 6.2.7 und 6.2.8 6.4 ohne 6.4.2 6.5, 6.6, 6.7, 6.8 ohne 6.8.1 und 6.8.4; 6.10 ohne 6.10.4.3 und 6.10.4.4 und 6.10.5.6	
IEC 62271-100: 2021-07 + AMD1: 2024-08	High-voltage switchgear and controlgear - Part 100: Alternating-current circuit-breakers	7.2 ohne 7.2.3 und 7.2.8 und 7.2.9 7.4, 7.5, 7.6, 7.7, 7.8, 7.10, 7.101 ohne 7.101.5	
IEC 62271-100: 2021-07	High-voltage switchgear and controlgear - Part 100: Alternating-current circuit-breakers	7.2 ohne 7.2.3 und 7.2.8 und 7.2.9 7.4, 7.5, 7.6, 7.7, 7.8, 7.10, 7.101 ohne 7.101.5	
IEC FDIS 62271-100: 2021-03	High-voltage switchgear and controlgear - Part 100: Alternating-current circuit-breakers	7.2 ohne 7.2.3 und 7.2.8 und 7.2.9 7.4, 7.5, 7.6, 7.7, 7.8, 7.10, 7.101 ohne 7.101.5	
IEC 62271-100: 2012-09 + AMD2: 2017	High-voltage switchgear and controlgear - Part 100: Alternating-current circuit-breakers	6.2 ohne 6.2.2 und 6.2.7 und 6.2.8; 6.4, 6.5, 6.6, 6.7, 6.8, 6.10, 6.101 ohne 6.101.5 und 6.101.6	
IEC 62271-100: 2012-09	High-voltage switchgear and controlgear - Part 100: Alternating-current circuit-breakers	6.2 ohne 6.2.2 und 6.2.7 und 6.2.8; 6.4, 6.5, 6.6, 6.7, 6.8, 6.10, 6.101 ohne 6.101.5 und 6.101.6	
IEC 62271-102: 2018-05 + AMD1: 2022-04	High-voltage switchgear and controlgear - Part 102: Alternating current disconnectors and earthing switches	7.2 ohne 7.2.3 und 7.2.8 und 7.2.9; 7.4, 7.5, 7.6 ohne 7.6.2.103; 7.7, 7.8, 7.102 ohne 7.102.2 und 7.102.4; 7.104, 7.105	
IEC 62271-102: 2018-05	High-voltage switchgear and controlgear - Part 102: Alternating current disconnectors and earthing switches	7.2 ohne 7.2.3 und 7.2.8 und 7.2.9; 7.4, 7.5, 7.6 ohne 7.6.2.103; 7.7, 7.8, 7.102 ohne 7.102.2 und 7.102.4; 7.104, 7.105	

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IEC 62271-102: 2013-02	High-voltage switchgear and controlgear - Part 102: Alternating current disconnectors and earthing switches	6.2 ohne 6.2.2 und 6.2.7 und 6.2.8; 6.4, 6.5, 6.6 ohne 6.6.1.103; 6.7, 6.8, 6.102 ohne 6.102.2 und 6.102.4; 6.104, 6.105	
IEC 62271-103: 2021-05	High-voltage switchgear and controlgear - Part 103: Alternating current switches for rated voltages above 1 kV up to and including 52 kV	7.2 ohne 7.2.3 und 7.2.8 und 7.2.9 7.4, 7.5, 7.6, 7.7, 7.8, 7.10, 7.102 ohne 7.102.5	
IEC FDIS 62271-103: 2021-02	High-voltage switchgear and controlgear - Part 103: Alternating current switches for rated voltages above 1 kV up to and including 52 kV	7.2 ohne 7.2.3 und 7.2.8 und 7.2.9 7.4, 7.5, 7.6, 7.7, 7.8, 7.10, 7.102 ohne 7.102.5	
IEC 62271-103: 2011-06	High-voltage switchgear and controlgear - Part 103: Switches for rated voltages above 1 kV up to and including 52 kV	6.2 ohne 6.2.2 und 6.2.7 und 6.2.8; 6.4, 6.5, 6.6, 6.7, 6.8, 6.10, 6.102 ohne 6.102.5	
IEC 62271-105: 2021-06	High-voltage switchgear and controlgear - Part 105: Alternating current switch-fuse combinations for rated voltages above 1 kV up to and including 52 kV	7.2, 7.4, 7.5, 7.7, 7.8, 7.10, 7.102, 7.103, 7.104	
IEC 62271-105: 2012-09	High-voltage switchgear and controlgear - Part 105: Alternating current switch-fuse combinations for rated voltages above 1 kV up to and including 52 kV	6.2, 6.4, 6.5, 6.7, 6.8, 6.10, 6.102, 6.103, 6.104	
IEC 62271-106: 2021-04	High-voltage switchgear and controlgear - Part 106: Alternating current contactors, contactor-based controllers and motor-starters	7.2 ohne 7.2.3; 7.4, 7.5 ohne 7.5.6.101 bis 7.5.6.104; 7.6, 7.7, 7.8, 7.10, 7.102	
IEC 62271-106: 2011-08	High-voltage switchgear and controlgear - Part 106: Alternating current contactors, contactor-based controllers and motor-starters	6.2 ohne 6.2.2; 6.4, 6.5 ohne 6.5.5; 6.6, 6.7, 6.8, 6.10, 6.101	
IEC 62271-200: 2021-05 + AMD1: 2024-06	High-voltage switchgear and controlgear - Part 200: AC metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV	7.2 ohne 7.2.3 und 7.2.8 und 7.2.9 7.4, 7.5, 7.6, 7.7, 7.8, 7.10, 7.102, 7.103, 7.104 ohne 7.104b, 7.105	
IEC 62271-200: 2021-05	High-voltage switchgear and controlgear - Part 200: AC metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV	7.2 ohne 7.2.3 und 7.2.8 und 7.2.9 7.4, 7.5, 7.6, 7.7, 7.8, 7.10, 7.102, 7.103, 7.104 ohne 7.104b, 7.105	

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IEC FDIS 62271-200: 2021-02	High-voltage switchgear and controlgear - Part 200: AC metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV	7.2 ohne 7.2.3 und 7.2.8 und 7.2.9 7.4, 7.5, 7.6, 7.7, 7.8, 7.10, 7.102, 7.103, 7.104 ohne 7.104b, 7.105	
IEC 62271-200: 2011-10	High-voltage switchgear and controlgear - Part 200: AC metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV	6.2 ohne 6.2.2 und 6.2.7 und 6.2.8; 6.4, 6.5, 6.6, 6.7, 6.8, 6.10, 6.102, 6.103, 6.104 ohne 6.104 2b, 6.106	
IEC 62271-201: 2014-03	High-voltage switchgear and controlgear - Part 201: AC insulation-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV	6.2 ohne 6.2.7 und 6.2.8; 6.4, 6.5, 6.6, 6.7, 6.8, 6.10, 6.102, 6.103, 6.104, 6.105, 6.106	
IEC 62271-202: 2022-06	High-voltage switchgear and controlgear - Part 202: AC prefabricated substations for rated voltages above 1 kV and up to and including 52 kV	7.6, 7.7, 7.10 ohne 7.10.4 und 7.10.5, 7.101.3, 7.102	
IEC 62271-202: 2014-03	High-voltage switchgear and controlgear - Part 202: High-voltage/low-voltage prefabricated substation	6.6, 6.7, 6.10 ohne 6.10.5 und 6.10.6; 6.101.3, 6.102	
IEC 62271-207: 2023-11	High-voltage switchgear and controlgear – Part 207: Seismic qualification for gas-insulated switchgear assemblies, metal enclosed and solid-insulation enclosed switchgear for rated voltages above 1 kV	5.4.2 ohne i)	
IEC CDV 62271-207: 2022-03	High-voltage switchgear and controlgear – Part 207: Seismic qualification for gas-insulated switchgear assemblies, metal enclosed and solid-insulation enclosed switchgear for rated voltages above 1 kV	5.4.2 ohne i) und j)	
IEC/TS 62271-210: 2013- 02	High-voltage switchgear and controlgear – Part 210: Seismic qualification for metal enclosed and solid- insulation enclosed switchgear and controlgear assemblies for rated voltages above 1 kV and up to and including 52 kV	5.4.2	
IEC 62271-213: 2021-06	High Voltage switchgear and controlgear – Part 213: Voltage detecting and indicating system	7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7 ohne 7.7.4, 7.9, 7.10, 7.11, 7.12, 7.13, 7.14, 7.15, 7.18	
IEC/TS 62271-304: 2019- 03	High-voltage switchgear and controlgear - Part 304: Classification of indoor enclosed switchgear and controlgear for rated voltages above 1 kV up to and including 52 kV to the use in special service conditions with respect to condensation and pollution		

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IEC/TS 62271-304: 2008-05	High-voltage switchgear and controlgear - Part 304: Design classes for indoor enclosed switchgear and controlgear for rated voltages above 1 kV up to and including 52 kV to be used in severe climatic conditions		
IEC 62505-1: 2016-02	Railway Application – Fixed Installations – Particular requirements for AC switchgear - Part 1: Circuit-breakers with nominal voltage above 1 kV	7.2 ohne 7.2.4, 7.4	
IEC 62505-2: 2016-02	Railway Application – Fixed Installations – Particular requirements for AC switchgear - Part 2: Disconnectors, earthing switches and switches with nominal voltage above 1 kV	7.2, 7.5	
IEEE C37.09: 2018	IEEE Standard Test Procedures for AC High-Voltage Circuit Breakers with Rated Maximum Voltage Above 1000 V	4.4, 4.5.4, 4.5.4.1, 4.5.5, 4.13, 4.15, 4.18	
IEEE C37.09: 1999	IEEE Standard Test Procedure for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis	4.3, 4.4.3, 4.4.3.1, 4.4.4, 4.13, 4.14, 4.17	
IEEE C37.100.1: 2018	IEEE Standard of Common Requirements for High-Voltage Power Switchgear Rated Above 1000 V	7.3.7.2, 7.3.7.3, 7.3.10, 7.3.12, 7.5, 7.6, 7.7, 7.8, 7.9	
IEEE C37.100.1: 2007	IEEE Standard of Common Requirements for High Voltage Power Switchgear Rated Above 1000 V	6.2.6.1, 6.2.6.2, 6.2.9, 6.2.11, 6.4, 6.5, 6.6, 6.7, 6.8	
IEEE C37.20.2: 2022	IEEE Standard for Metal-Clad Switchgear	6.2.1, 6.2.1.1, 6.2.1.2, 6.2.1.3, 6.2.2, 6.2.3, 6.2.4, 6.2.6	
IEEE C37.20.2: 2015	IEEE Standard for Metal-Clad Switchgear	6.2.1, 6.2.1.1, 6.2.1.2, 6.2.1.3, 6.2.2, 6.2.3, 6.2.4, 6.2.6	
IEEE C37.20.2: 1999	IEEE Standard for Metal-Clad Switchgear	6.2.1, 6.2.1.1, 6.2.1.2, 6.2.1.3, 6.2.2, 6.2.3, 6.2.4, 6.2.6	
IEEE C37.20.3: 2013	IEEE Standard for Metal-Enclosed Interrupter Switchgear	6.2.6.1, 6.2.6.2, 6.2.9, 6.4, 6.5, 6.6, 6.12, 6.14	Anmerkung 1
IEEE C37.20.4: 2013	IEEE Standard for Indoor AC Switches (1 kV - 38 kV) for Use in Metal-Enclosed Switchgear	6.2.6.1, 6.2.6.2, 6.4, 6.5, 6.6, 6.8, 6.12	
IEEE C37.20.7: 2024	IEEE Recommended Practice for Testing Switchgear Rated Up to 52 kV for Internal Arcing Faults	5, ohne 5.3.6.3; ANNEX C, E, F, G und L	

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IEEE C37.20.7: 2017	IEEE Guide for Testing Switchgear Rated Up to 52 kV for Internal Arcing Faults	5, ohne 5.3.6.3; ANNEX C, E, F, G und L	
IEEE C37.20.9: 2019 + IEEE C37.20.9a: 2024	IEEE Standard for Metal-Enclosed Switchgear Rated 1 kV to 52 kV Incorporated Gas Insulating Systems	7.2.7.2, 7.2.7.3, 7.2.10, 7.2.12, 7.4, 7.5, 7.6, 7.8, 7.12	Amendment 1 zu IEEE C37.20.9: 2019
IEEE C37.20.9: 2019	IEEE Standard for Metal-Enclosed Switchgear Rated 1 kV to 52 kV Incorporated Gas Insulating Systems	7.2.7.2, 7.2.7.3, 7.2.10, 7.2.12, 7.4, 7.5, 7.6, 7.8, 7.12	
NEMA C37.55: 2020	Medium-Voltage Metal-Clad Switchgear Assemblies - Conformance Test Procedures	5.4, 5.5, 5.6, 5.7, 5.8	
NEMA C37.55: 2002	Switchgear - Medium Voltage Metal-Clad Assemblies - Conformance Test Procedures	5.5.2, 5.5.3, 5.6, 5.7, 5.8, 5.9	
NEMA C37.57: 2003	Metal-Enclosed Interrupter Switchgear Assemblies - Conformance Testing	4.5.2, 4.5.3, 4.6, 4.7, 4.8, 4.9	
NEMA C37.58: 2020	Indoor AC Medium-Voltage Switches for Use in Metal-Enclosed Switchgear - Conformance Test Procedures	4.5, 4.6, 4.7, 4.8, 4.9, 4.10	
NEMA C37.58: 2003	Indoor AC Medium Voltage Switches for Use in Metal-Enclosed Switchgear - Conformance Test Procedures	4.5, 4.6, 4.7.2, 4.7.3, 4.8	
NEMA/ANSI C37.54: 2024	American National Standard for Alternating Current High-Voltage Circuit Breakers Applied in Metal-Enclosed Switchgear - Conformance Test Procedures	3.5, 3.6, 3.7, 3.9	
NEMA/ANSI C37.54: 2023	American National Standard for Alternating Current High-Voltage Circuit Breakers Applied in Metal-Enclosed Switchgear - Conformance Test Procedures	3.5, 3.6, 3.7, 3.9	
NEMA/ANSI C37.54: 2002	For Indoor Alternating Current High-Voltage Circuit Breakers Applied as Removable Elements in Metal-Enclosed Switchgear - Conformance Test Procedures	3.5, 3.6, 3.7, 3.9, 6.2	

Anmerkung 1: Neuere Version verfügbar. Auf Anfrage kann Möglichkeit einer Prüfung im Rahmen der flexiblen Akkreditierung geklärt werden.

Änderungen gegenüber der letzten Ausgabe der Anlage zur Urkunde vom 26.06.2023 sind in blauer Schriftfarbe.