

Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-PL-18289-01-00 according to DIN EN ISO/IEC 17025:2018

Valid from: 24.08.2020

Date of issue: 11.12.2020

Holder of certificate:

**Schneider Electric Sachsenwerk GmbH
Rathenaustraße 2, 93055 Regensburg**

Tests in the fields:

**dielectric, mechanical and thermal tests
at high-voltage switchgear and controlgear**

The testing laboratory is permitted, without being required to inform and obtain prior approval from DAkkS, to use standards or equivalent testing methods listed here with different issue dates.

The testing laboratory maintains a current list of all testing standards / equivalent testing procedures within the flexible scope of accreditation.

This document is a translation. The definitive version is the original German annex to the accreditation certificate.

*The certificate together with its annex reflects the status at the time of the date of issue. The current status of the scope of accreditation can be found in the database of accredited bodies of Deutsche Akkreditierungsstelle GmbH.
<https://www.dakks.de/en/content/accredited-bodies-dakks>*

Annex to the accreditation certificate D-PL-18289-01-00

Testing field	Standard / In-House Procedure / Version	Title of Standard or In-House Procedure (Deviations / Modifications of Standard)	Test Range / Restrictons
Basics standards			
Electrical-engineering	DIN EN 62271-1:2017-07	High-voltage switchgear and controlgear – Part 1: Common specifications	Scope: 7.2, 7.4, 7.5, 7.7, 7.8.1, 7.8.3, 7.8.4, 7.10.1, 7.10.2, 7.10.3, 7.10.5
Electrical-engineering	IEC 62271-100:2017-06 EN 62271-100:2018-04 DIN EN 62271-100:2018-04 VDE 0671-100:2018-04	High-voltage switchgear and controlgear – Part 100: High-voltage-alternating current circuit-breakers	Scope: 6.2, 6.4, 6.5, 6.7, 6.8, 6.10.1, 6.10.2, 6.10.3, 6.10.4, 6.10.6, 6.101
Electrical-engineering	IEC 62271-102:2013-02 EN 62271-102:2012-06 DIN EN 62271-102:2012-06 VDE 0671-102:2012-06	High-voltage switchgear and controlgear – Part 102: Alternating current disconnectors and earthing switches	Scope: 6.2, 6.4, 6.5, 6.7, 6.8, 6.102, 6.104, 6.105
Electrical-engineering	IEC 62271-103:2011-06 EN 62271-103:2012-04 DIN 62271-103:2012-04 VDE 0671-103:2012-04	High-voltage switchgear and controlgear – Part 103: Switches for rated voltages above 1 kV up to and including 52 kV	Scope: 6.2, 6.4, 6.5, 6.7, 6.8, 6.10.2, 6.10.3, 6.10.6, 6.102
Electrical-engineering	IEC 62271-105:2012-09 EN 62271-105:2013-08 DIN EN 62271-105:2013-08 VDE 0671-105:2013-08	High-voltage switchgear and controlgear – Part 105: Alternating current switch-fuse combinations	Scope: 6.2, 6.4, 6.5, 6.7, 6.8, 6.102
Electrical-engineering	IEC 62271-200:2011-10 EN 62271-200:2012-08 DIN EN 62271-200:2012-08 VDE 0671-200:2012-08	High-voltage switchgear and controlgear – Part 200: A.C. metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV	Scope: 6.2, 6.4, 6.5, 6.7, 6.8, 6.10, 6.102, 6.103, 6.104

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Electrical-engineering	IEC 62271-203:2011-09 EN 62271-203:2012-12 DIN EN 62271-203:2012-11 VDE 0671-203:2012-11	High-voltage switchgear and controlgear – Part 203: Gas-insulated metal-enclosed switchgear for rated voltages above 52 kV	Scope: 6.2, (without 6.2.7, 6.2.8) 6.4, 6.5, 6.7, 6.8, 6.10, 6.102, 6.103,
Electrical-engineering	IEC 62505-1:2016-02	Railway applications – Fixed installations – requirements for AC switchgear – Part 1: Circuit-breakers with nominal voltage above 1 kV	Scope: 7.2, 7.4
Electrical-engineering	IEC 62505-2:2016-02	Railway applications – Fixed installations – requirements for AC switchgear – Part 2: Disconnectors, earthing switches and switches with nominal voltage above 1 kV	Scope: 7, 7.1, 7.2, 7.5
Electrical-engineering	IEEE C37.100.1:2007	Common Requirement for High Voltage Power Switchgear Rated Above 1000 V	Scope: 6.2 (except 6.2.2, 6.2.7, 6.2.8), 6.4, 6.5, 6.7.1, 6.8 (except 6.8.4), 6.10
Electrical-engineering	IEEE C37.09:1999	IEEE Standard Test Procedure for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis	Scope: 4.3, 4.4 (except 4.4.3.2, 4.4.5, 4.4.6, 4.4.7), 4.13, 4.14, 4.17
Electrical-engineering	IEEE C37.013:1997	IEEE Standard for AC High-Voltage Generator Circuit Breakers Rated on Symmetrical Current Basis	Scope: 6.2.1, 6.2.2, 6.2.10

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Electrical-engineering	IEEE C37.20.2-1999	IEEE Standard for Metal-Clad Switchgear	Scope: 6.2.1 (except 6.2.1.4), 6.2.2, 6.2.6
Electrical-engineering	IEEE C37.20.3:2013	IEEE Standard for Metal-Enclosed Interrupter Switchgear (1 kV – 38 kV)	Scope: 6.2 (except 6.2.7, 6.2.8), 6.4, 6.5, 6.7, 6.8, 6.10, 6.12, 6.14.1
Electrical-engineering	IEEE C37.20.4:2013	IEEE Standard for Indoor AC Switches (1 kV – 38 kV) for Use in Metal-Enclosed Switchgear	Scope: 6.2 (except 6.2.2, 6.2.7, 6.2.8), 6.4, 6.5, 6.7, 6.8, 6.12
High-voltage testing			
Electrical-engineering	IEC 60060-1:2010 DIN EN 60060-1:2011 EN 60060-1:2010	High-voltage test techniques – Part 1: General definitions and test requirements	
Electrical-engineering	IEC 61180:2016 DIN EN 61180:2017 EN 61180:2016	High-voltage test techniques for low-voltage equipment – Definitions, test and procedure requirements, test equipment	

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Electrical-engineering	IEC 60270:2000+ AMD1:2015 DIN EN 60270:2016 EN 60270:2001 + A1:2016	High-voltage test techniques – Partial discharge measurements	

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