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High-voltage switchgear and controlgear - Part 102: Alternating current disconnectors and earthing switches (IEC 62271-102:2018)

Hochspannungs-Schaltgeräte und -Schaltanlagen - Teil 102: Wechselstrom-Trennschalter und -Erdungsschalter (IEC 62271-102:2018)

Appareillage à haute tension - Partie 102: Sectionneurs et sectionneurs de terre à courant alternatif (IEC 62271-102:2018)

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Part 102: Alternating current disconnectors and earthing
switches
(IEC 62271-102:2018)

Appareillage à haute tension -
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Hochspannungs-Schaltgeräte und -Schaltanlagen -
Teil 102: Wechselstrom-Trennschalter und -
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(IEC 62271-102:2018)

This European Standard was approved by CENELEC on 2018-06-19. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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European Committee for Electrotechnical Standardization
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Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN IEC 62271-102:2018**European foreword**

The text of document 17A/1173/FDIS, future edition 2 of IEC 62271-102, prepared by SC 17A "Switching devices" of IEC/TC 17 "High-voltage switchgear and controlgear" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62271-102:2018.

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- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2021-06-19

This document supersedes EN 62271-102:2002.

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

IEC 60507:2013	NOTE	Harmonized as EN 60507:2014 (not modified).
IEC 60447:2004	NOTE	Harmonized as EN 60447:2004 (not modified).
IEC 60060-1:2010	NOTE	Harmonized as EN 60060-1:2010 (not modified).

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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 - - (IEV) - Chapter 441: Switchgear, controlgear and fuses	-	-
IEC 60050-471	-	International Electrotechnical Vocabulary - - Part 471: Insulators	-	-
IEC 60050-614	-	International electrotechnical vocabulary - - Part 614: Generation, transmission and distribution of electricity - Operation	-	-
IEC 60071-2	-	Insulation co-ordination - Part 2: Application guidelines	EN IEC 60071-2	-
IEC 60137	-	Insulated bushings for alternating voltages above 1000 V	EN 60137	-
IEC 60270	-	High-voltage test techniques - Partial discharge measurements	EN 60270	-
IEC 60529	1989	Degrees of protection provided by enclosures (IP Code)	EN 60529	1991
+A1	1999		corr. May +A1	1993 2000
+A2	2013		+A2	2013
IEC 60865-1	-	Short-circuit currents - Calculation of effects - Part 1: Definitions and calculation methods	EN 60865-1	-
IEC 62262	2002	Degrees of protection provided by enclosures for electrical equipment against external mechanical impacts (IK code)	EN 62262	2002
IEC 62271-1	2017	High-voltage switchgear and controlgear - Part 1: Common specifications for alternating current switchgear and controlgear	EN 62271-1	2017

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<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 62271-100 +A1 +A2	2008 2012 2017	High-voltage switchgear and controlgear - Part 100: Alternating current circuit- breakers	EN 62271-100 +A1 +A2	2009 2012 2017
IEC 62271-101 +A1	2012 2017	High-voltage switchgear and controlgear - Part 101: Synthetic testing	EN 62271-101 -	2013 -
IEC 62271-200	2011	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	EN 62271-200	2012
IEC 62271-201	2014	High-voltage switchgear and controlgear - Part 201: AC solid-insulation enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV	EN 62271-201	2014
IEC 62271-203	2011	High-voltage switchgear and controlgear - Part 203: Gas-insulated metal-enclosed switchgear for rated voltages above 52 kV	EN 62271-203	2012
IEC/TR 62271-305	-	High-voltage switchgear and controlgear - Part 305: Capacitive current switching capability of air-insulated disconnectors for rated voltages above 52 kV	-	-
ISO 2768-1	-	General tolerances - Part 1: Tolerances for linear and angular dimensions without individual tolerance indications	EN 22768-1	-

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NORME INTERNATIONALE



**High-voltage switchgear and controlgear –
Part 102: Alternating current disconnectors and earthing switches**

**Appareillage à haute tension –
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CONTENTS

FOREWORD	9
1 Scope	12
2 Normative references	12
3 Terms and definitions	13
3.1 General terms and definitions	13
3.2 Assemblies of switchgear and controlgear	14
3.3 Parts of assemblies	14
3.4 Switching devices	14
3.5 Parts of switching devices	15
3.6 Operation	18
3.7 Characteristic quantities	19
3.8 Index of definitions	24
4 Normal and special service conditions	26
5 Ratings	26
5.1 General	26
5.2 Rated voltage (U_r)	27
5.3 Rated insulation level (U_d , U_p , U_s)	27
5.4 Rated frequency (f_r)	27
5.5 Rated continuous current (I_r)	27
5.6 Rated short-time withstand current (I_k)	27
5.7 Rated peak withstand current (I_p)	27
5.8 Rated duration of short-circuit (t_k)	28
5.9 Rated supply voltage of auxiliary and control circuits (U_a)	28
5.10 Rated supply frequency of auxiliary circuits and control circuits	28
5.11 Rated pressure of compressed gas supply for controlled pressure systems	28
5.11.101 Rated pressure of compressed gas supply for insulation and/or switching	28
5.11.102 Rated pressure of compressed gas supply for operation	28
5.101 Rated short-circuit making current (I_{ma})	28
5.102 Classification of earthing switches for short-circuit making	28
5.103 Rated contact zone	29
5.104 Rated static mechanical terminal load	29
5.105 Classification of disconnectors for mechanical endurance	30
5.106 Classification of earthing switches for mechanical endurance	31
5.107 Rated ice-coating	31
5.108 Rated values of disconnectors for bus-transfer current switching	31
5.108.1 Rated bus-transfer current	31
5.108.2 Rated bus-transfer voltage	32
5.109 Classification and rated values of earthing switches for induced current switching	32
5.110 Classification and rated values of disconnectors for bus-charging current switching	33
6 Design and construction	34
6.1 Requirements for liquids in disconnectors and earthing switches	34
6.2 Requirements for gases in disconnectors and earthing switches	34
6.3 Earthing of disconnectors and earthing switches	34

6.4	Auxiliary and control equipment and circuits	35
6.5	Dependent power operation	35
6.6	Stored energy operation.....	35
6.7	Independent unlatched operation (independent manual or power operation)	35
6.8	Manually operated actuators	35
6.9	Operation of releases.....	35
6.10	Pressure/level indication	35
6.11	Nameplates.....	35
6.12	Locking devices	38
6.13	Position indication.....	38
6.14	Degree of protection provided by enclosures	38
6.15	Creepage distances for outdoor insulators	38
6.16	Gas and vacuum tightness.....	38
6.17	Tightness for liquid systems.....	38
6.18	Fire hazard (flammability)	38
6.19	Electromagnetic compatibility (EMC).....	38
6.20	X-ray emission	38
6.21	Corrosion	38
6.22	Filling levels for insulation, switching and/or operation	39
6.101	Particular requirements for earthing switches.....	39
6.102	Requirements in respect of the isolating distance of disconnectors	39
6.103	Mechanical strength.....	39
6.104	Operation of disconnectors and earthing switches – Position of the movable contact system and its indicating and signalling devices	40
6.104.1	Securing of position	40
6.104.2	Additional requirements for power-operated mechanisms	40
6.104.3	Indication and signalling of position	40
6.105	Maximum force required for manual (dependent or independent) operation.....	41
6.105.1	General	41
6.105.2	Operation requiring more than one revolution	42
6.105.3	Operation requiring up to one revolution	42
6.106	Dimensional tolerances.....	42
6.107	Earthing switches with short-circuit making current capability	42
7	Type tests	42
7.1	General.....	42
7.1.1	Basics	42
7.1.2	Information for identification of test objects.....	44
7.1.3	Information to be included in type test reports	44
7.2	Dielectric tests	44
7.2.1	General	44
7.2.2	Ambient air conditions during tests	44
7.2.3	Wet test procedure	44
7.2.4	Arrangement of the equipment.....	44
7.2.5	Criteria to pass the test	45
7.2.6	Application of the test voltage and test conditions.....	45
7.2.7	Tests of disconnectors and earthing switches of $U_T \leq 245$ kV.....	45
7.2.8	Test of disconnectors and earthing switches of $U_T > 245$ kV	45
7.2.9	Artificial pollution tests for outdoor insulators.....	45
7.2.10	Partial discharge tests	46

7.2.11	Dielectric tests on auxiliary and control circuits	46
7.2.12	Voltage test as condition check	46
7.3	Radio interference voltage (RIV) test	46
7.4	Resistance measurement	46
7.5	Continuous current tests	46
7.6	Short-time withstand current and peak withstand current tests	46
7.6.1	General	46
7.6.2	Arrangement of the disconnectors and earthing switches and of the test circuit	46
7.6.3	Test current and duration	52
7.6.4	Conditions of disconnectors and earthing switches after test	52
7.7	Verification of the protection	53
7.8	Tightness tests	53
7.9	Electromagnetic compatibility tests (EMC)	53
7.10	Additional tests on auxiliary and control circuits	53
7.11	X-ray radiation test for vacuum interrupters	53
7.101	Test to prove the short-circuit making performance of earthing switches	54
7.101.1	General test conditions	54
7.101.2	Arrangement of the earthing switch for tests	54
7.101.3	Test frequency	54
7.101.4	Test voltage	54
7.101.5	Test short-circuit making current	55
7.101.6	Test circuits	55
7.101.7	Test procedures	55
7.101.8	Behaviour of earthing switches when making short-circuit currents	56
7.101.9	Condition of earthing switch after short-circuit making tests	56
7.101.10	Invalid tests	57
7.101.11	Type test reports	57
7.102	Operating and mechanical endurance tests	58
7.102.1	General test conditions	58
7.102.2	Contact zone test	58
7.102.3	Mechanical endurance test	61
7.102.4	Operation during the application of rated static mechanical terminal loads	63
7.102.5	Extended mechanical endurance tests	64
7.102.6	Testing of mechanical interlocking devices	65
7.103	Operation under severe ice conditions	65
7.103.1	General	65
7.103.2	Test arrangement	65
7.103.3	Test procedure	66
7.104	Low- and high-temperature tests	67
7.104.1	General	67
7.104.2	Measurement of ambient air temperature	68
7.104.3	Low-temperature test	68
7.104.4	High-temperature test	70
7.105	Tests to verify the proper functioning of the position-indicating device	70
7.105.1	General	70
7.105.2	Tests on the power kinematic chain and the position-indicating kinematic chain	71
7.106	Bus-transfer current switching tests on disconnectors	71

7.106.1	General	71
7.106.2	Making and breaking tests	71
7.107	Induced current switching tests on earthing switches	75
7.107.1	General	75
7.107.2	Arrangement of the earthing switch for tests	75
7.107.3	Earthing of test circuit and earthing switch	76
7.107.4	Test frequency	76
7.107.5	Test voltage	76
7.107.6	Test currents	76
7.107.7	Test circuits	76
7.108	Bus-charging current switching tests on disconnectors	81
7.108.1	General	81
7.108.2	Test duties	82
7.108.3	Arrangement of the disconnector for tests	82
7.108.4	Test frequency	82
7.108.5	Test voltages for making and breaking tests	83
7.108.6	Test circuits for making and breaking tests	84
7.108.7	Performance of making and breaking tests	86
7.108.8	Behaviour of the disconnector during making and breaking tests	86
7.108.9	Condition after test	87
7.108.10	Type test reports	87
7.108.11	Requirements for U_{TVE} measurements	88
8	Routine tests	88
8.1	General	88
8.2	Dielectric test on the main circuit	88
8.3	Tests on auxiliary and control circuits	89
8.4	Measurement of the resistance of the main circuit	89
8.5	Tightness test	89
8.6	Design and visual checks	89
8.101	Mechanical operating tests	89
8.102	Verification of earthing function	90
9	Guide to the selection of disconnectors and earthing switches (informative)	90
9.1	General	90
9.2	Selection of rated values	91
9.2.101	General	91
9.2.102	Selection of rated voltage and rated insulation level	91
9.2.103	Selection of rated continuous current	91
9.2.104	Selection of rated contact zone	91
9.2.105	Selection of rated static mechanical terminal load	92
9.2.106	Selection of a bus-transfer current switching capability for disconnectors of $U_r > 52$ kV	92
9.2.107	Selection of an induced-current switching capability for earthing switches of $U_r > 52$ kV	92
9.2.108	Selection of rated short-time withstand current and of rated duration of short-circuit	92
9.2.109	Selection of rated peak withstand current and of rated short-circuit making current for earthing switches	93
9.2.110	Selection of short-circuit making capability for earthing switches	93
9.3	Cable-interface considerations	93

9.4	Continuous or temporary overload due to changed service conditions.....	93
9.5	Environmental aspects.....	93
9.5.101	Local environmental conditions.....	93
10	Information to be given with enquiries, tenders and orders (informative).....	94
10.1	General.....	94
10.2	Information with enquiries and orders.....	94
10.3	Information with tenders.....	95
11	Transport, storage, installation, operating instructions, and maintenance.....	96
11.1	General.....	96
11.2	Conditions during transport, storage and installation.....	96
11.3	Installation.....	96
11.4	Operation.....	97
11.5	Maintenance.....	97
12	Safety.....	97
12.1	General.....	97
12.2	Precautions by manufacturers.....	97
12.3	Precautions by users.....	97
13	Influence of the product on the environment.....	97
	Annex A (informative) Test voltage for the most disadvantageous dielectric position of an earthing switch during operation (minimum temporary clearance).....	98
	Annex B (informative) Current-switching capability required of disconnectors and earthing switches.....	99
B.1	Bus-transfer current switching capability of disconnectors.....	99
B.2	Bus-charging current switching capability of disconnectors.....	99
B.3	Induced current-switching capability of earthing switches.....	100
	Annex C (normative) Tolerances on test quantities for type tests.....	101
	Annex D (normative) Alternative test methods for short-circuit current making tests.....	103
D.1	General.....	103
D.2	Alternative methods.....	103
D.2.1	Synthetic test method with both rated voltage and rated short-circuit current.....	103
D.2.2	Test methods with reduced voltage.....	103
	Annex E (informative) Extension of validity of type tests.....	105
E.1	General.....	105
E.2	Dielectric tests.....	105
E.3	Short-time withstand current tests.....	105
E.4	Short-circuit making performance of earthing switches.....	105
E.5	Operating and mechanical endurance tests.....	105
E.6	Bus-transfer current switching tests on disconnectors.....	105
E.7	Induced current switching tests on earthing switches.....	106
	Bibliography.....	107
	Figure 1 – Position indicating/signalling device(s).....	40
	Figure 2 – Three-phase test arrangement for disconnectors and earthing switches.....	48
	Figure 3 – Single-phase test arrangement for disconnectors with a horizontal isolating distance and for earthing switches of $U_T > 52$ kV, to be used with flexible or with rigid conductors.....	49

Figure 4 – Single-phase test arrangement for divided support disconnectors (earthing switches) of $U_T > 52$ kV with a vertical isolating distance, to be used with flexible conductors	50
Figure 5 – Single-phase test arrangement for divided support disconnectors (earthing switches) of $U_T > 52$ kV with a vertical isolating distance, to be used with rigid conductors	51
Figure 6 – Fixed contact parallel to support	59
Figure 7 – Fixed contact perpendicular to support	60
Figure 8 – Example of the application of rated static mechanical terminal loads to a (divided support) pantograph disconnector (or earthing switch)	61
Figure 9 – Example of the application of rated static mechanical terminal loads to a two-column disconnector	62
Figure 10 – Test sequences for low and high temperature tests	68
Figure 11 – Example of test circuit for bus-transfer current switching tests	73
Figure 12 – Test circuit for electromagnetically induced current switching tests	77
Figure 13 – Test circuits for electrostatically induced current-switching tests	79
Figure 14 – Test circuit for test duty 1	83
Figure 15 – Typical voltage waveform (Including VFT and FT components)	85
Figure 16 – Test circuit for test duty 2	85
Figure 17 – Test circuit for test duty 3	86
Figure B.1 – Examples of resistor-fitted disconnectors	100
Table 1 – Classification of earthing switches for short-circuit making	28
Table 2 – Preferred contact zones for "fixed" contacts supported by flexible conductors	29
Table 3 – Preferred contact zones for "fixed" contacts supported by rigid conductors	29
Table 4 – Preferred static mechanical terminal loads	30
Table 5 – Classification of disconnectors for mechanical endurance	31
Table 6 – Classification of earthing switches for mechanical endurance	31
Table 7 – Rated bus-transfer voltages of disconnectors	32
Table 8 – Classification of earthing switches for induced-current switching	32
Table 9 – Rated induced currents and voltages	33
Table 10 – Classification of disconnectors for bus-charging switching	34
Table 11 – Standard rated bus-charging currents	34
Table 12 – Product information	36
Table 13 – List of type tests	43
Table 14 – Power frequency withstand voltages	45
Table 15 – Requirements on the instant of making	56
Table 16 – Invalid tests	57
Table 17 – Standard values of recovery voltages for electromagnetically induced current breaking tests	78
Table 18 – Test circuit capacitances (C_1 values) for electrostatically induced current switching tests	80
Table 19 – Test voltages for making and breaking tests	83
Table 20 – Number of tests	86

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Table 21 – Power frequency voltage tests	89
Table B.1 – Average impedances	99
Table C.1 – Tolerances on test quantities for type tests	101

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