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NORME INTERNATIONALE



**Power transformers –
Part 57-1202: Liquid immersed phase-shifting transformers**

**Transformateurs de puissance –
Partie 57-1202: Transformateurs déphaseurs immergés dans un liquide**





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CONTENTS

FOREWORD.....	5
1 Scope.....	7
2 Normative references	7
2.1 IEC references.....	7
2.2 IEEE references.....	7
3 Terms and definitions	8
4 Use of normative references.....	11
5 Service conditions	11
5.1 General.....	11
5.2 Usual service conditions	11
5.2.1 Switching arrangement	11
5.2.2 Power flow.....	11
5.2.3 Operation with two or more PSTs in series or parallel.....	11
5.2.4 Phase unbalance	12
5.2.5 Surge protection	12
6 Rating and general requirements	12
6.1 Rated power	12
6.2 Loading at other than rated conditions	12
6.3 Specification of buck capability	12
6.4 Cooling modes.....	13
6.5 Short circuit impedance and load phase angle capability.....	13
6.5.1 Specification.....	13
6.5.2 Short circuit impedance for asymmetric designs	13
6.6 Neutral earthing (grounding)	13
6.7 Rated voltage	13
6.8 Voltage variation and asymmetric design	13
6.9 Rated frequency	14
6.10 Operation at higher than rated voltage and/or at other than rated frequency	14
6.11 Highest voltage for equipment and dielectric test levels	14
6.12 Taps	14
6.13 Sound level.....	14
6.14 Transport	14
7 Construction	14
7.1 General.....	14
7.2 Liquid-filled connections between tanks	15
7.3 Liquid insulation and preservation system.....	15
7.4 Alignment between tanks	15
7.5 Core and core frame earthing arrangements	16
7.6 Test connections.....	16
8 Short circuit capability	16
9 Connection phase displacement symbols.....	16
9.1 General.....	16
9.2 Special symbols for PSTs	16
9.3 Clock number notation	17
9.4 Examples.....	17
9.4.1 Single core phase shifting transformers	17

9.4.2	Two core phase shifting transformers	19
9.4.3	Transformers incorporating a phase shifting element	21
10	Rating plates (nameplates)	22
11	Terminal markings and phase rotation	23
12	Information to be provided by the manufacturer	23
13	Tests	24
13.1	General	24
13.2	Routine tests	24
13.3	Type (design) tests	24
13.4	Special tests	24
13.5	Winding resistance	25
13.6	Measurement of voltage ratio, phase angle and check of phase displacement	25
13.7	Measurement of short-circuit impedance and load loss	25
13.8	Temperature-rise test	26
13.9	Measurement of no-load loss and current	26
13.10	Determination of sound level	26
13.10.1	General	26
13.10.2	For PSTs with one combined cooling system	26
13.10.3	For PSTs with separate exciting and series unit cooling systems	27
13.11	Measurement of zero sequence impedance	27
13.12	Dielectric tests	27
13.12.1	General	27
13.12.2	Induced voltage test with partial discharge measurement (IVPD)	28
13.12.3	Switching impulse test (SI)	28
13.12.4	Lightning impulse test	28
13.12.5	Lightning impulses applied to multiple line terminals simultaneously (LIMT)	29
13.13	Tests on on-load tap-changers – operation test	29
13.14	Leak testing with pressure	30
13.15	Vacuum deflection test	30
13.16	Pressure deflection test	30
14	Tolerances	30
14.1	General	30
14.2	Tolerance for impedance and phase angle	30
Annex A (informative)	Check list of information to be provided with enquiry and order	32
A.1	Rating and general data	32
A.1.1	Normal information	32
A.1.2	Special information	33
A.2	Parallel operation	34
Annex B (informative)	Behaviour of a phase shifting transformer with non-symmetrical fault currents	35
Annex C (informative)	Example specification of buck capability	37
Annex D (informative)	Additional noise measurements	38
Annex E (informative)	Calculation of phase angle under load	40
Annex F (informative)	Additional information on advance-retard switch	44
F.1	Principle	44
F.2	Classification within the international standardization system	44

F.3	Requirements according to IEC 60214-1 and IEEE Std C57.131	44
	Bibliography.....	45
Figure 1	– Example A: DS0-3/9.....	18
Figure 2	– Example B: PS0-3/9.....	18
Figure 3	– Example C: DA0-3	19
Figure 4	– Example D: YNyn/IIIId S0-3/9.....	20
Figure 5	– Example E: YNyn+d/IIIId A0-3/9.....	20
Figure 6	– Example F: YNa0yn/dIII A0-3/9	21
Figure 7	– Example G: V A0-2/8.....	22
Figure B.1	– PST with single phase fault and surge protection	36
Figure E.1	– Phase angle diagram for a PST under load where $\alpha_0 > 0$ and $\varphi_L < 0$	40
Figure E.2	– Phase angle diagram for a PST under load where $\alpha_0 < 0$ and $\varphi_L < 0$	40
Figure E.3	– Phase angle diagram for a PST under load where $\alpha_0 > 0$ and $\varphi_L > 0$	41
Figure E.4	– Phase angle diagram for a PST under load where $\alpha_0 < 0$ and $\varphi_L > 0$	41
Table C.1	– Required PST capability in buck operation	37
Table D.1	– Combinations of sound level measurements needed to represent different loading conditions.....	39

POWER TRANSFORMERS –

Part 57-1202: Liquid immersed phase-shifting transformers

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¹ A list of IEEE participants can be found at the following URL: http://standards.ieee.org/downloads/60076/60076-57-1202-2017/60076-57-1202-2017_wg-participants.pdf

POWER TRANSFORMERS –

Part 57-1202: Liquid immersed phase-shifting transformers

1 Scope

This part of IEC 60076 covers the requirements for phase-shifting transformers of all types. The scope excludes transformers with an unregulated phase shift.

This document is limited to matters particular to phase-shifting transformers and does not include matters relating to general requirements for power transformers covered in existing standards in the IEC 60076 series or IEEE Std C57.12.00™ and IEEE Std C57.12.10™.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

2.1 IEC references

IEC 60050-421, *International Electrotechnical Vocabulary – Chapter 421: Power transformers and reactors* (available at: www.electropedia.org)

IEC 60076-1, *Power transformers – Part 1: General*

IEC 60076-2, *Power transformers – Part 2: Temperature rise for liquid-immersed transformers*

IEC 60076-3, *Power transformers – Part 3: Insulation levels, dielectric tests and external clearances in air*

IEC 60076-5, *Power transformers – Part 5: Ability to withstand short circuit*

IEC 60076-10, *Power transformers – Part 10: Determination of sound levels*

IEC 60076-18, *Power transformers – Part 18: Measurement of frequency response*

ISO 2178, *Non-magnetic coatings on magnetic substrates – Measurement of coating thickness – Magnetic method*

ISO 2409, *Paints and varnishes – Cross-cut test*

2.2 IEEE references

IEEE Std C57.12.00™, *IEEE Standard for General Requirements for Liquid-Immersed Distribution, Power, and Regulating Transformers*

IEEE Std C57.12.10™, *IEEE Standard Requirements for Liquid-Immersed Power Transformers*