TRANSFORMER 100KVA 11KV

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TECHNICAL SPECIFICATIONS

CHARACTERISTIC	1.5
Product Description	
Brand	
Rated Power	Kva
Insulation Liquid	
High voltage	V
High voltage tappings (OFFLOAD)	
Low voltage at no load	V
High voltage insulation level	kV
Low voltage insulation level	k۷
Frequency	Hz
Number of Phases	
Vector Group	
Ambient temperature (max./monthly/annual average)	С
Max. average temperature rise (Oil/Winding)	c/e
Surface treatment	
Altitude(a.s.l)	m
Location	
PERFORMANCE VALUES	
Standard	
Impedance	%
No load losses	W
Load losses at 75 oC	W
TYPES OF DESIGN	
Tank construction	
Cooling	
High / Low Voltage winding conductor material	
TRANSFORMER DIMENSIONS	
Length	mn
Width	mr
Height	mn
Transformer Total Weight	Kg

Liquid-Filled Groundmount Transformer, 3PH
100 kVa, HV 11000D, LV 415yn
ABB
100
Mineral Oil
11000
+2-2 2.5%
415
LI 75 /AC 28/ Um 12
LI - / AC 3 / Um 1.1
50
3
Dyn11
40 / 30 / 20
60 / 65
Painted, RAL 7033
<1000
Indoor /Outdoor
IEC 60076
4 (+-10%)
400 (+15%)
2400 (+15%)
Corrugation, Hermetically sealed
ONAN
Cu / Cu
953
786
967
517

STANDARD FEATURES/ACCESSORIES

Off-Load Tap Changer

DIN type HV and LV Bushing

Pressure Relief Valve

TRANSFORMER 100KVA 33KV

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TECHNICAL SPECIFICATIONS

CHARACTERISTIC	
Product Description	
Brand	
Rated Power	K
Insulation Liquid	
High voltage	,
High voltage tappings (OFFLOAD)	
Low voltage at no load	,
High voltage insulation level	k
Low voltage insulation level	k
Frequency	F
Number of Phases	
Vector Group	
Ambient temperature (max./monthly/annual average)	
Max. average temperature rise (Oil/Winding)	С
Surface treatment	
Altitude(a.s.l)	ı
Location	
PERFORMANCE VALUES	
Standard	
Impedance	q
No load losses	١
Load losses at 75 oC	١
TYPES OF DESIGN	
Tank construction	
Cooling	
High / Low Voltage winding conductor material	
TRANSFORMER DIMENSIONS	
Length	m
Width	m
Height	m
Transformer Total Weight	K

Liquid-Filled Groundmount Transformer, 3PH	
100 kVa, HV 33000D, LV 415yn	
ABB	
100	
Mineral Oil	
33000	
+2-2 2.5%	
415	
LI 75 /AC 28/ Um 12	
LI - / AC 3 / Um 1.1	
50	
3	
Dyn11	
40 / 30 / 20	
60 / 65	
Painted, RAL 7033	
<1000	
Indoor /Outdoor	
IEC 60076	
4 (+-10%)	
450 (+15%)	
2100 (+15%)	
Corrugation, Hermetically sealed	
ONAN	
Cu / Cu	
950	
750	
1250	
550	

STANDARD FEATURES/ACCESSORIES

Off-Load Tap Changer

DIN type HV and LV Bushing

Pressure Relief Valve

TRANSFORMER 200KVA 33KV

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TECHNICAL SPECIFICATIONS

CHARACTERISTIC	
Product Description	
Brand	
Rated Power	Kva
Insulation Liquid	
High voltage	V
High voltage tappings (OFFLOAD)	
Low voltage at no load	V
High voltage insulation level	kV
Low voltage insulation level	kV
Frequency	Hz
Number of Phases	
Vector Group	
Ambient temperature (max./monthly/annual average)	С
Max. average temperature rise (Oil/Winding)	c/c
Surface treatment	
Altitude(a.s.l)	m
Location	
PERFORMANCE VALUES	
Standard	
Impedance	%
No load losses	W
Load losses at 75 oC	W
TYPES OF DESIGN	
Tank construction	
Cooling	
High / Low Voltage winding conductor material	
TRANSFORMER DIMENSIONS	
Length	mm
Width	mm
Height	mm
Transformer Total Weight	Kg

Liquid-Filled Groundmount Transformer, 3PH
200 kVa, HV 33000D, LV 415yn
ABB
200
Mineral Oil
33000
+2-2 2.5%
415
LI 75 /AC 28/ Um 12
LI - / AC 3 / Um 1.1
50
3
Dyn11
40 / 30 / 20
60 / 65
Painted, RAL 7033
<1000
Indoor /Outdoor
IEC 60076
4 (+-10%)
780 (+15%)
3550 (+15%)
Corrugation, Hermetically sealed
ONAN
Cu / Cu
1100
950
1350
900

STANDARD FEATURES/ACCESSORIES

Off-Load Tap Changer

DIN type HV and LV Bushing

Pressure Relief Valve

TRANSFORMER 200KVA 11KV

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TECHNICAL SPECIFICATIONS

CHARACTERISTIC	
Product Description	
Brand	
Rated Power	Kva
Insulation Liquid	rva
High voltage	V
High voltage tappings (OFFLOAD)	
Low voltage at no load	V
High voltage insulation level	kV
Low voltage insulation level	kV
Frequency	Hz
Number of Phases	112
Vector Group	
Ambient temperature (max./monthly/annual average)	С
Max. average temperature rise (Oil/Winding)	c/c
Surface treatment	C/C
Altitude(a.s.l)	m
Location	
PERFORMANCE VALUES	
Standard	
Impedance	%
No load losses	W
Load losses at 75 oC	W
TYPES OF DESIGN	
Tank construction	
Cooling	
High / Low Voltage winding conductor material	
TRANSFORMER DIMENSIONS	
Length	mm
Width	mm
Height	mm
Transformer Total Weight	Kg

Liquid-Filled Groundmount Transfo	rmer, 3PH
200 kVa, HV 11000D, LV 415	yn
ABB	
200	
Mineral Oil	
11000	
+2-2 2.5%	
415	
LI 75 /AC 28/ Um 12	
LI - / AC 3 / Um 1.1	
50	
3	
Dyn11	
40 / 30 / 20	
60 / 65	
Painted, RAL 7033	
<1000	
Indoor /Outdoor	
	= = = =
IEC 60076	
4 (+-10%)	
700 (+15%)	
3850 (+15%)	
Corrugation, Hermetically seal	led
ONAN	
Cu / Cu	
1090	
900	
1060	
760	

STANDARD FEATURES/ACCESSORIES

Off-Load Tap Changer

DIN type HV and LV Bushing

Pressure Relief Valve

TRANSFORMER 300KVA 33KV

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TECHNICAL SPECIFICATIONS

CHARACTERISTIC	
Product Description	
Brand	
Rated Power	Kva
Insulation Liquid	
High voltage	٧
High voltage tappings (OFFLOAD)	
Low voltage at no load	٧
High voltage insulation level	kV
Low voltage insulation level	kV
Frequency	Hz
Number of Phases	
Vector Group	
Ambient temperature (max./monthly/annual average)	С
Max. average temperature rise (Oil/Winding)	c/c
Surface treatment	
Altitude(a.s.l)	m
Location	
DEDECOMANOE VALUEO	
PERFORMANCE VALUES	
Standard	
Impedance	%
No load losses	W
Load losses at 75 oC	W
TYPES OF DESIGN	
Tank construction	
Cooling	
High / Low Voltage winding conductor material	
TRANSFORMER DIMENSIONS	1
Length	mm
Width	mm
Height	mm
Transformer Total Weight	Kg

Liquid-Filled Groundmount Transformer, 3PH
300 kVa, HV 33000D, LV 415yn
ABB
300
Mineral Oil
33000
+2-2 2.5%
415
LI 75 /AC 28/ Um 12
LI - / AC 3 / Um 1.1
50
3
Dyn11
40 / 30 / 20
60 / 65
Painted, RAL 7033
<1000
Indoor /Outdoor
IEC 60076
4 (+-10%)
800 (+15%)
4100 (+15%)
Corrugation, Hermetically sealed
ONAN
Cu / Cu
1300
920
1400
1150

SALES OFFICE:

Off-Load Tap Changer
DIN type HV and LV Bushing
Pressure Relief Valve

STANDARD FEATURES/ACCESSORIES

TRANSFORMER 300KVA 11KV

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TECHNICAL SPECIFICATIONS

CHARACTERISTIC	
Product Description	
Brand	
Rated Power	Kva
Insulation Liquid	
High voltage	٧
High voltage tappings (OFFLOAD)	
Low voltage at no load	٧
High voltage insulation level	kV
Low voltage insulation level	kV
Frequency	Hz
Number of Phases	
Vector Group	
Ambient temperature (max./monthly/annual average)	С
Max. average temperature rise (Oil/Winding)	c/c
Surface treatment	
Altitude(a.s.l)	m
Location	
DEDECOMANOE VALUEO	
PERFORMANCE VALUES	
Standard	
Impedance	%
No load losses	W
Load losses at 75 oC	W
TYPES OF DESIGN	
Tank construction	
Cooling	
High / Low Voltage winding conductor material	
TRANSFORMER DIMENSIONS	1
Length	mm
Width	mm
Height	mm
Transformer Total Weight	Kg

Liquid-Filled Groundmount Transformer, 3PH 300 kVa, HV 11000D, LV 415yn ABB 300 Mineral Oil 11000 +2-2 2.5% 415 LI 75 /AC 28/ Um 12 LI - / AC 3 / Um 1.1 50 3 Dyn11 40 / 30 / 20 60 / 65 Painted, RAL 7033 <1000 Indoor /Outdoor
ABB 300 Mineral Oil 11000 +2-2 2.5% 415 LI 75 /AC 28/ Um 12 LI - / AC 3 / Um 1.1 50 3 Dyn11 40 / 30 / 20 60 / 65 Painted, RAL 7033 <1000 Indoor /Outdoor
300 Mineral Oil 11000 +2-2 2.5% 415 LI 75 /AC 28/ Um 12 LI - / AC 3 / Um 1.1 50 3 Dyn11 40 / 30 / 20 60 / 65 Painted, RAL 7033 <1000 Indoor /Outdoor
Mineral Oil 11000 +2-2 2.5% 415 LI 75 /AC 28/ Um 12 LI - / AC 3 / Um 1.1 50 3 Dyn11 40 / 30 / 20 60 / 65 Painted, RAL 7033 <1000 Indoor /Outdoor
11000 +2-2 2.5% 415 LI 75 /AC 28/ Um 12 LI - / AC 3 / Um 1.1 50 3 Dyn11 40 / 30 / 20 60 / 65 Painted, RAL 7033 <1000 Indoor /Outdoor
+2-2 2.5% 415 LI 75 /AC 28/ Um 12 LI - / AC 3 / Um 1.1 50 3 Dyn11 40 / 30 / 20 60 / 65 Painted, RAL 7033 <1000 Indoor /Outdoor
415 LI 75 /AC 28/ Um 12 LI - / AC 3 / Um 1.1 50 3 Dyn11 40 / 30 / 20 60 / 65 Painted, RAL 7033 <1000 Indoor /Outdoor
LI 75 /AC 28/ Um 12 LI - / AC 3 / Um 1.1 50 3 Dyn11 40 / 30 / 20 60 / 65 Painted, RAL 7033 <1000 Indoor /Outdoor
LI - / AC 3 / Um 1.1 50 3 Dyn11 40 / 30 / 20 60 / 65 Painted, RAL 7033 <1000 Indoor /Outdoor
50 3 Dyn11 40 / 30 / 20 60 / 65 Painted, RAL 7033 <1000 Indoor /Outdoor
3 Dyn11 40 / 30 / 20 60 / 65 Painted, RAL 7033 <1000 Indoor /Outdoor
Dyn11 40 / 30 / 20 60 / 65 Painted, RAL 7033 <1000 Indoor /Outdoor
40 / 30 / 20 60 / 65 Painted, RAL 7033 <1000 Indoor /Outdoor
60 / 65 Painted, RAL 7033 <1000 Indoor /Outdoor
Painted, RAL 7033 <1000 Indoor /Outdoor
<1000 Indoor /Outdoor
Indoor /Outdoor
IEC 60076
IEC 60076
IEC 60076
4 (+-10%)
650 (+15%)
450 (+15%)
Corrugation, Hermetically sealed
ONAN
Cu / Cu
1150
850
11500
950

STANDARD FEATURES/ACCESSORIES

Off-Load Tap Changer

DIN type HV and LV Bushing

Pressure Relief Valve

TRANSFORMER 500KVA 33KV

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TECHNICAL SPECIFICATIONS

CHARACTERISTIC	
Product Description	
Brand	
Rated Power	Kva
Insulation Liquid	
High voltage	٧
High voltage tappings (OFFLOAD)	
Low voltage at no load	٧
High voltage insulation level	kV
Low voltage insulation level	kV
Frequency	Hz
Number of Phases	
Vector Group	
Ambient temperature (max./monthly/annual average)	С
Max. average temperature rise (Oil/Winding)	c/c
Surface treatment	
Altitude(a.s.l)	m
Location	
DEDECOMANOE VALUEO	
PERFORMANCE VALUES	
Standard	
Impedance	%
No load losses	W
Load losses at 75 oC	W
TYPES OF DESIGN	
Tank construction	
Cooling	
High / Low Voltage winding conductor material	
TRANSFORMER DIMENSIONS	1
Length	mm
Width	mm
Height	mm
Transformer Total Weight	Kg

Liquid-Filled Groundmount Transformer, 3PH
500 kVa, HV 33000D, LV 415yn
ABB
500
Mineral Oil
33000
+2-2 2.5%
415
LI 75 /AC 28/ Um 12
LI - / AC 3 / Um 1.1
50
3
Dyn11
40 / 30 / 20
60 / 65
Painted, RAL 7033
<1000
Indoor /Outdoor
IEC 60076
4.5 (+-10%)
1350 (+15%)
7200 (+15%)
Corrugation, Hermetically sealed
ONAN
Cu / Cu
1300
920
1540
1700

STANDARD FEATURES/ACCESSORIES

Off-Load Tap Changer

DIN type HV and LV Bushing

Pressure Relief Valve

TRANSFORMER 500KVA 11KV

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TECHNICAL SPECIFICATIONS

CHARACTERISTIC	
Product Description	
Brand	
Rated Power	Kv
Insulation Liquid	
High voltage	V
High voltage tappings (OFFLOAD)	
Low voltage at no load	V
High voltage insulation level	k\
Low voltage insulation level	k\
Frequency	H
Number of Phases	
Vector Group	
Ambient temperature (max./monthly/annual average)	С
Max. average temperature rise (Oil/Winding)	c/
Surface treatment	
Altitude(a.s.l)	n
Location	
PERFORMANCE VALUES	
Standard	
Impedance	9/
No load losses	V
Load losses at 75 oC	V
TYPES OF DESIGN	
Tank construction	
Cooling	
High / Low Voltage winding conductor material	
TRANSFORMER DIMENSIONS	
Length	mı
Width	mı
Height	mı
Transformer Total Weight	Kg

Liquid-Filled Groundmount Transformer, 3PH
500 kVa, HV 11000D, LV 415yn
ABB
500
Mineral Oil
11000
+2-2 2.5%
415
LI 75 /AC 28/ Um 12
LI - / AC 3 / Um 1.1
50
3
Dyn11
40 / 30 / 20
60 / 65
Painted, RAL 7033
<1000
Indoor /Outdoor
IEC 60076
4 (+-10%)
1350 (+15%)
7200 (+15%)
Corrugation, Hermetically sealed
ONAN
Cu / Cu
1280
840
1340
1500

STANDARD FEATURES/ACCESSORIES

Off-Load Tap Changer

DIN type HV and LV Bushing

Pressure Relief Valve

TRANSFORMER 800KVA 11KV

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TECHNICAL SPECIFICATIONS

CHARACTERISTIC	
Product Description	
Brand	
Rated Power	Kv
Insulation Liquid	
High voltage	V
High voltage tappings (OFFLOAD)	
Low voltage at no load	V
High voltage insulation level	k\
Low voltage insulation level	k\
Frequency	H:
Number of Phases	
Vector Group	
Ambient temperature (max./monthly/annual average)	С
Max. average temperature rise (Oil/Winding)	c/
Surface treatment	
Altitude(a.s.l)	m
Location	
PERFORMANCE VALUES	
Standard	
Impedance	%
No load losses	W
Load losses at 75 oC	W
TYPES OF DESIGN	
Tank construction	
Cooling	
High / Low Voltage winding conductor material	
TRANSFORMER DIMENSIONS	
Length	mı
Width	mı
Height	mı
Transformer Total Weight	Kg

Liquid-Filled Groundmount Transformer, 3PH
800 kVa, HV 11000D, LV 415yn
ABB
800
Mineral Oil
11000
+2-2 2.5%
415
LI 75 /AC 28/ Um 12
LI - / AC 3 / Um 1.1
50
3
Dyn11
40 / 30 / 20
60 / 65
Painted, RAL 7033
<1000
Indoor /Outdoor
IEC 60076
6 (+-10%)
1700 (+15%)
10700 (+15%)
Corrugation, Hermetically sealed
ONAN
Cu / Cu
1650
1000
1550
2100

STANDARD FEATURES/ACCESSORIES

Off-Load Tap Changer

DIN type HV and LV Bushing

Pressure Relief Valve

TRANSFORMER 800KVA 33KV

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TECHNICAL SPECIFICATIONS

CHARACTERISTIC	
Product Description	
Brand	
Rated Power	Kva
Insulation Liquid	rva
High voltage	V
High voltage tappings (OFFLOAD)	
Low voltage at no load	V
High voltage insulation level	kV
Low voltage insulation level	kV
Frequency	Hz
Number of Phases	112
Vector Group	
Ambient temperature (max./monthly/annual average)	С
Max. average temperature rise (Oil/Winding)	c/c
Surface treatment	C/C
Altitude(a.s.l)	m
Location	
PERFORMANCE VALUES	
Standard	
Impedance	%
No load losses	W
Load losses at 75 oC	W
TYPES OF DESIGN	
Tank construction	
Cooling	
High / Low Voltage winding conductor material	
TRANSFORMER DIMENSIONS	
Length	mm
Width	mm
Height	mm
Transformer Total Weight	Kg

Liquid-l	Filled Groundmount Transformer, 3PH
	800 kVa, HV 33000D, LV 415yn
	ABB
	800
1.	Mineral Oil
	33000
	+2-2 2.5%
	415
	LI 75 /AC 28/ Um 12
	LI - / AC 3 / Um 1.1
	50
	3
	Dyn11
	40 / 30 / 20
	60 / 65
	Painted, RAL 7033
	<1000
	Indoor /Outdoor
	IEC 60076
	6 (+-10%)
	1750 (+15%)
	11000 (+15%)
Co	orrugation, Hermetically sealed
	ONAN
	Cu / Cu
	1560
	960
	1650
	2150

STANDARD FEATURES/ACCESSORIES

Off-Load Tap Changer

DIN type HV and LV Bushing

Pressure Relief Valve

TRANSFORMER 1000KVA 33KV

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TECHNICAL SPECIFICATIONS

CHARACTERISTIC	
Product Description	
Brand	
Rated Power	Kv
Insulation Liquid	
High voltage	V
High voltage tappings (OFFLOAD)	
Low voltage at no load	V
High voltage insulation level	k\
Low voltage insulation level	k\
Frequency	H:
Number of Phases	
Vector Group	
Ambient temperature (max./monthly/annual average)	С
Max. average temperature rise (Oil/Winding)	c/
Surface treatment	
Altitude(a.s.l)	m
Location	
PERFORMANCE VALUES	
Standard	
Impedance	%
No load losses	W
Load losses at 75 oC	W
TYPES OF DESIGN	
Tank construction	
Cooling	
High / Low Voltage winding conductor material	
TRANSFORMER DIMENSIONS	
Length	mı
Width	mı
Height	mı
Transformer Total Weight	Kg

STANDARD FEATURES/ACCESSORIES

Off-Load Tap Changer

DIN type HV and LV Bushing

Pressure Relief Valve

TRANSFORMER 1000KVA 11KV

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TECHNICAL SPECIFICATIONS

CHARACTERISTIC	
Product Description	
Brand	
Rated Power	Kva
Insulation Liquid	
High voltage	V
High voltage tappings (OFFLOAD)	
Low voltage at no load	V
High voltage insulation level	kV
Low voltage insulation level	kV
Frequency	Hz
Number of Phases	
Vector Group	
Ambient temperature (max./monthly/annual average)	С
Max. average temperature rise (Oil/Winding)	c/c
Surface treatment	
Altitude(a.s.l)	m
Location	
PERFORMANCE VALUES	
Standard	
Impedance	%
No load losses	W
Load losses at 75 oC	W
TYPES OF DESIGN	
Tank construction	
Cooling	
High / Low Voltage winding conductor material	
TRANSFORMER DIMENSIONS	
Length	mm
Width	mm
Height	mm
Transformer Total Weight	Kg

Liquid-Filled Groundmount Transformer, 3PH
1000 kVa, HV 11000D, LV 415yn
ABB
1000
Mineral Oil
11000
+2-2 2.5%
415
LI 75 /AC 28/ Um 12
LI - / AC 3 / Um 1.1
50
3
Dyn11
40 / 30 / 20
60 / 65
Painted, RAL 7033
<1000
Indoor /Outdoor
IEC 60076
6 (+-10%)
1700 (+15%)
13000 (+15%)
Corrugation, Hermetically sealed
ONAN
Cu / Cu
1760
1110
1420
2500

STANDARD FEATURES/ACCESSORIES

Off-Load Tap Changer

DIN type HV and LV Bushing

Pressure Relief Valve

TRANSFORMER 1500KVA 33KV

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TECHNICAL SPECIFICATIONS

CHARACTERISTIC	
Product Description	
Brand	
Rated Power	Kva
Insulation Liquid	
High voltage	V
High voltage tappings (OFFLOAD)	
Low voltage at no load	V
High voltage insulation level	kV
Low voltage insulation level	kV
Frequency	Hz
Number of Phases	
Vector Group	
Ambient temperature (max./monthly/annual average)	С
Max. average temperature rise (Oil/Winding)	c/c
Surface treatment	
Altitude(a.s.l)	m
Location	
PERFORMANCE VALUES	
Standard	
Impedance	%
No load losses	W
Load losses at 75 oC	W
TYPES OF DESIGN	
Tank construction	
Cooling	
High / Low Voltage winding conductor material	
TRANSFORMER DIMENSIONS	
Length	mm
Width	mm
Height	mm
Transformer Total Weight	Kg

ABB
Mineral Oil
33000
+2-2 2.5%
415
LI 75 /AC 28/ Um 12
LI - / AC 3 / Um 1.1
50
3
Dyn11
40 / 30 / 20
60 / 65
Painted, RAL 7033
<1000
Indoor /Outdoor
IEC 60076
6 (+-10%)
2800 (+15%)
20000 (+15%)
Corrugation, Hermetically sealed
ONAN
Cu / Cu
1900
1150
1750
3500

SALES OFFICE:

Off-Load Tap Changer
DIN type HV and LV Bushing
Pressure Relief Valve

STANDARD FEATURES/ACCESSORIES

TRANSFORMER 1500KVA 11KV

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TECHNICAL SPECIFICATIONS

CHARACTERISTIC	
Product Description	
Brand	
Rated Power	Kv
Insulation Liquid	
High voltage	V
High voltage tappings (OFFLOAD)	
Low voltage at no load	V
High voltage insulation level	k\
Low voltage insulation level	k\
Frequency	H:
Number of Phases	
Vector Group	
Ambient temperature (max./monthly/annual average)	С
Max. average temperature rise (Oil/Winding)	c/
Surface treatment	
Altitude(a.s.l)	m
Location	
PERFORMANCE VALUES	
Standard	
Impedance	%
No load losses	V
Load losses at 75 oC	W
TYPES OF DESIGN	
Tank construction	
Cooling	
High / Low Voltage winding conductor material	
TRANSFORMER DIMENSIONS	
Length	mı
Width	mı
Height	mı
Transformer Total Weight	Kg

	Liquid-Filled Groundmount Transformer, 3PH
	1500 kVa, HV 11000D, LV 415yn
	ABB
	1500
	Mineral Oil
	11000
	+2-2 2.5%
	415
	LI 75 /AC 28/ Um 12
	LI - / AC 3 / Um 1.1
	50
	3
	Dyn11
	40 / 30 / 20
	60 / 65
	Painted, RAL 7033
	<1000
	Indoor /Outdoor
Ų.	
	IEC 60076
	6 (+-10%)
	2800 (+15%)
	20000 (+15%)
	Corrugation, Hermetically sealed
1	ONAN
	Cu / Cu
	1860
1	1220
	1520
W	3400

STANDARD FEATURES/ACCESSORIES

Off-Load Tap Changer

DIN type HV and LV Bushing

Pressure Relief Valve

TRANSFORMER 2000KVA 11KV

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TECHNICAL SPECIFICATIONS

CHARACTERISTIC	
Product Description	
<u> </u>	
Brand	
Rated Power	Kva
Insulation Liquid	
High voltage	V
High voltage tappings (OFFLOAD)	
Low voltage at no load	V
High voltage insulation level	kV
Low voltage insulation level	kV
Frequency	Hz
Number of Phases	
Vector Group	
Ambient temperature (max./monthly/annual average)	С
Max. average temperature rise (Oil/Winding)	c/c
Surface treatment	
Altitude(a.s.l)	m
Location	
PERFORMANCE VALUES	
Standard	
Impedance	%
No load losses	W
Load losses at 75 oC	W
2000 100000 01 10 00	
TYPES OF DESIGN	
Tank construction	
Cooling	
High / Low Voltage winding conductor material	
TRANSFORMER DIMENSIONS	
Length	mm
Width	mm
Height	mm
Transformer Total Weight	Kg
Iranstormer Total Weight	Kg

Liquid-Filled Groundmount Transformer, 3PH
2000 kVa, HV 11000D, LV 415yn
ABB
2000
Mineral Oil
11000
+2-2 2.5%
415
LI 75 /AC 28/ Um 12
LI - / AC 3 / Um 1.1
50
3
Dyn11
40 / 30 / 20
60 / 65
Painted, RAL 7033
<1000
Indoor /Outdoor
IEC 60076
6 (+-10%)
3200 (+15%)
26000 (+15%)
Corrugation, Hermetically sealed
ONAN
Cu / Cu
1951
1360
1785
4124

STANDARD FEATURES/ACCESSORIES

Off-Load Tap Changer

DIN type HV and LV Bushing

Pressure Relief Valve

TRANSFORMER 2000KVA 33KV

Afri-Med with over 21 years of experience, is a leading supplier of power Solutions in Nigeria

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TECHNICAL SPECIFICATIONS

CHARACTERISTIC	
Product Description	
Brand	
Rated Power	Kva
Insulation Liquid	
High voltage	٧
High voltage tappings (OFFLOAD)	
Low voltage at no load	٧
High voltage insulation level	kV
Low voltage insulation level	kV
Frequency	Hz
Number of Phases	
Vector Group	
Ambient temperature (max./monthly/annual average)	С
Max. average temperature rise (Oil/Winding)	c/c
Surface treatment	
Altitude(a.s.l)	m
Location	
DEDECOMANOE VALUEO	
PERFORMANCE VALUES	
Standard	
Impedance	%
No load losses	W
Load losses at 75 oC	W
TYPES OF DESIGN	
Tank construction	
Cooling	
High / Low Voltage winding conductor material	
TRANSFORMER DIMENSIONS	1
Length	mm
Width	mm
Height	mm
Transformer Total Weight	Kg

Liquid-Filled Groundmount Transformer, 3PH
2000 kVa, HV 33000D, LV 415yn
ABB
2000
Mineral Oil
33000
+2-2 2.5%
415
LI 75 /AC 28/ Um 12
LI - / AC 3 / Um 1.1
50
3
Dyn11
40 / 30 / 20
60 / 65
Painted, RAL 7033
<1000
Indoor /Outdoor
IEC 60076
6 (+-10%)
3450 (+15%)
24000 (+15%)
Corrugation, Hermetically sealed
ONAN
Cu / Cu
2080
1360
1820
4550

STANDARD FEATURES/ACCESSORIES

Off-Load Tap Changer

DIN type HV and LV Bushing

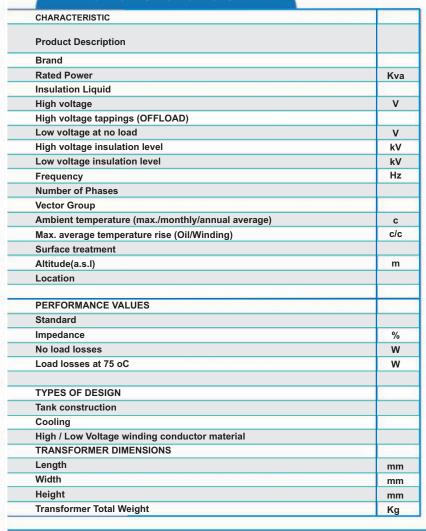
Pressure Relief Valve

TRANSFORMER 2500KVA 33KV

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TECHNICAL SPECIFICATIONS



Liquid-Filled Groundmount Transformer, 3PH 2500 kVa, HV 33000D, LV 415yn ABB 2500 Mineral Oil 33000 +2-2 2.5% 415 LI 75 /AC 28/ Um 12 LI - / AC 3 / Um 1.1 50 3 Dyn11 40 / 30 / 20 60 / 65 Painted, RAL 7033 <1000 Indoor /Outdoor IEC 60076 6 (+-10%) 3950 (+15%) Corrugation, Hermetically sealed ONAN Cu / Cu	
ABB 2500 Mineral Oil 33000 +2-2 2.5% 415 LI 75 /AC 28/ Um 12 LI - / AC 3 / Um 1.1 50 3 Dyn11 40 / 30 / 20 60 / 65 Painted, RAL 7033 <1000 Indoor /Outdoor IEC 60076 6 (+-10%) 3950 (+15%) 28000 (+15%) Corrugation, Hermetically sealed ONAN Cu / Cu	Liquid-Filled Groundmount Transformer, 3PH
2500 Mineral Oil 33000 +2-2 2.5% 415 LI 75 /AC 28/ Um 12 LI - / AC 3 / Um 1.1 50 3 Dyn11 40 / 30 / 20 60 / 65 Painted, RAL 7033 <1000 Indoor /Outdoor IEC 60076 6 (+-10%) 3950 (+15%) 28000 (+15%) Corrugation, Hermetically sealed ONAN Cu / Cu	2500 kVa, HV 33000D, LV 415yn
Mineral Oil 33000 +2-2 2.5% 415 LI 75 /AC 28/ Um 12 LI - / AC 3 / Um 1.1 50 3 Dyn11 40 / 30 / 20 60 / 65 Painted, RAL 7033 <1000 Indoor /Outdoor IEC 60076 6 (+-10%) 3950 (+15%) 28000 (+15%) Corrugation, Hermetically sealed ONAN Cu / Cu	ABB
33000 +2-2 2.5% 415 LI 75 /AC 28 / Um 12 LI - / AC 3 / Um 1.1 50 3 Dyn11 40 / 30 / 20 60 / 65 Painted, RAL 7033 <1000 Indoor /Outdoor IEC 60076 6 (+-10%) 3950 (+15%) 28000 (+15%) Corrugation, Hermetically sealed ONAN Cu / Cu	2500
+2-2 2.5% 415 LI 75 /AC 28/ Um 12 LI - / AC 3 / Um 1.1 50 3 Dyn11 40 / 30 / 20 60 / 65 Painted, RAL 7033 <1000 Indoor /Outdoor IEC 60076 6 (+-10%) 3950 (+15%) 28000 (+15%) Corrugation, Hermetically sealed ONAN Cu / Cu	Mineral Oil
415 LI 75 /AC 28/ Um 12 LI - / AC 3 / Um 1.1 50 3 Dyn11 40 / 30 / 20 60 / 65 Painted, RAL 7033 <1000 Indoor /Outdoor IEC 60076 6 (+-10%) 3950 (+15%) 28000 (+15%) Corrugation, Hermetically sealed ONAN Cu / Cu	33000
LI 75 /AC 28/ Um 12 LI -/ AC 3 / Um 1.1 50 3 Dyn11 40 / 30 / 20 60 / 65 Painted, RAL 7033 <1000 Indoor /Outdoor IEC 60076 6 (+-10%) 3950 (+15%) 28000 (+15%) Corrugation, Hermetically sealed ONAN Cu / Cu	+2-2 2.5%
LI - / AC 3 / Um 1.1 50 3 Dyn11 40 / 30 / 20 60 / 65 Painted, RAL 7033 <1000 Indoor /Outdoor IEC 60076 6 (+-10%) 3950 (+15%) 28000 (+15%) Corrugation, Hermetically sealed ONAN Cu / Cu	415
50 3 Dyn11 40 / 30 / 20 60 / 65 Painted, RAL 7033 <1000 Indoor /Outdoor IEC 60076 6 (+-10%) 3950 (+15%) 28000 (+15%) Corrugation, Hermetically sealed ONAN Cu / Cu	LI 75 /AC 28/ Um 12
3 Dyn11 40 / 30 / 20 60 / 65 Painted, RAL 7033 <1000 Indoor /Outdoor IEC 60076 6 (+-10%) 3950 (+15%) 28000 (+15%) Corrugation, Hermetically sealed ONAN Cu / Cu	LI - / AC 3 / Um 1.1
Dyn11 40 / 30 / 20 60 / 65 Painted, RAL 7033 <1000 Indoor /Outdoor IEC 60076 6 (+-10%) 3950 (+15%) 28000 (+15%) Corrugation, Hermetically sealed ONAN Cu / Cu	50
40 / 30 / 20 60 / 65 Painted, RAL 7033 <1000 Indoor /Outdoor IEC 60076 6 (+-10%) 3950 (+15%) 28000 (+15%) Corrugation, Hermetically sealed ONAN Cu / Cu	3
60 / 65 Painted, RAL 7033 <1000 Indoor /Outdoor IEC 60076 6 (+-10%) 3950 (+15%) 28000 (+15%) Corrugation, Hermetically sealed ONAN Cu / Cu	Dyn11
Painted, RAL 7033 <1000 Indoor /Outdoor IEC 60076 6 (+-10%) 3950 (+15%) 28000 (+15%) Corrugation, Hermetically sealed ONAN Cu / Cu	40 / 30 / 20
<1000 Indoor /Outdoor IEC 60076 6 (+-10%) 3950 (+15%) 28000 (+15%) Corrugation, Hermetically sealed ONAN Cu / Cu	60 / 65
Indoor /Outdoor IEC 60076 6 (+-10%) 3950 (+15%) 28000 (+15%) Corrugation, Hermetically sealed ONAN Cu / Cu	
IEC 60076 6 (+-10%) 3950 (+15%) 28000 (+15%) Corrugation, Hermetically sealed ONAN Cu / Cu	
6 (+-10%) 3950 (+15%) 28000 (+15%) Corrugation, Hermetically sealed ONAN Cu / Cu	Indoor /Outdoor
6 (+-10%) 3950 (+15%) 28000 (+15%) Corrugation, Hermetically sealed ONAN Cu / Cu	
6 (+-10%) 3950 (+15%) 28000 (+15%) Corrugation, Hermetically sealed ONAN Cu / Cu	
3950 (+15%) 28000 (+15%) Corrugation, Hermetically sealed ONAN Cu / Cu	IEC 60076
28000 (+15%) Corrugation, Hermetically sealed ONAN Cu / Cu	6 (+-10%)
Corrugation, Hermetically sealed ONAN Cu / Cu	3950 (+15%)
ONAN Cu / Cu	28000 (+15%)
ONAN Cu / Cu	
ONAN Cu / Cu	
Cu / Cu	Corrugation, Hermetically sealed
	ONAN
2120	Cu / Cu
2120	
	2120
1360	1360
1900	1900
5350	5350

STANDARD FEATURES/ACCESSORIES

Off-Load Tap Changer

DIN type HV and LV Bushing

Pressure Relief Valve

TRANSFORMER 2500KVA 11KV

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TECHNICAL SPECIFICATIONS

CHARACTERISTIC	
Product Description	
Brand	
Rated Power	Kv
Insulation Liquid	
High voltage	V
High voltage tappings (OFFLOAD)	
Low voltage at no load	V
High voltage insulation level	k\
Low voltage insulation level	k\
Frequency	H
Number of Phases	
Vector Group	
Ambient temperature (max./monthly/annual average)	C
Max. average temperature rise (Oil/Winding)	c/
Surface treatment	
Altitude(a.s.l)	n
Location	
PERFORMANCE VALUES	
Standard	
Impedance	9/
No load losses	V
Load losses at 75 oC	V
TYPES OF DESIGN	
Tank construction	
Cooling	
High / Low Voltage winding conductor material	
TRANSFORMER DIMENSIONS	
Length	mı
Width	mı
Height	mı
Transformer Total Weight	Kg

Liquid-Filled Groundmount Transformer, 3PH
2500 kVa, HV 11000D, LV 415yn
ABB
2500
Mineral Oil
11000
+2-2 2.5%
415
LI 75 /AC 28/ Um 12
LI - / AC 3 / Um 1.1
50
3
Dyn11
40 / 30 / 20
60 / 65
Painted, RAL 7033
<1000
Indoor /Outdoor
IEC 60076
6 (+-10%)
3800 (+15%)
32000(+15%)
Corrugation, Hermetically sealed
ONAN
Cu / Cu
2080
1360
1700
5100

STANDARD FEATURES/ACCESSORIES

Off-Load Tap Changer

DIN type HV and LV Bushing

Pressure Relief Valve

RC: 303315



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