



ABB Transformers, Egypt
Engineering Department

EGTRA/TEC/01/02

Technical Data Sheet

Client Name : ABB Côte d'Ivoire
Tender/Quotation :
Order/Production : .

Registration Number: EX-15-069
Required Date : 11/11/2015
Required Date : .

No	Quantity	Guaranteed Figures
0	Type, oil - immersed or dry-type	Oil - immersed
1	Installation indoor or outdoor	Outdoor
2	Rated power kVA	50 KVA
3	Rated primary voltage kV	15 KV
4	Number of taps and voltage % for off - circuit regulation (mark req.)	For all primary voltages. + 2 x 2.5 % / -2 x 2.5 %
Optional accessories mark if required.		
5	Bi - directional rollers	
6	Dial-type thermometer	
7	Oil level gauge	
8	Pressure relief device	
The following quantities may be stated in they deviate from our standard. If no statement is given we assume that our standard is required and accepted.		
9	Rated secondary voltage at no load V	410 V
10	Frequency	50 Hz
11	Connection and vector group	Yzn11
12	Number of phases	3 phase
13	Ambient temperature max	40 °C
14	Temperature rise top oil	60 K
15	Temperature rise average winding	65 K
16	Altitude m (max)	max 1000 m
17	SC - impedance voltage %, at 75 °C	4
18	No load losses in Watt	230
19	Load losses in Watt, at 75 °C	1450
20	Protection of terminals	IP00 Porcelain bushings (LV side bushings)
21	Oil filling	Mineral oil according IEC 236
22	Type of oil - sealing	Hermetically sealed
23	Parallel operation with other Transf.	-
24	Standard	IEC-76
25	Other quantities and remarks	
26	Over All Dimensions, approx. Length x Width x Height (mm)	920x755x1280
27	Oil Weight, approx. (Kg)	106
28	Total Weight, approx. (Kg)	415

HV Copper- LV copper

Issued by: Name: Hassan Refaat Abdel-Aziz

Distribution: Sales (For T/Q & O/P)

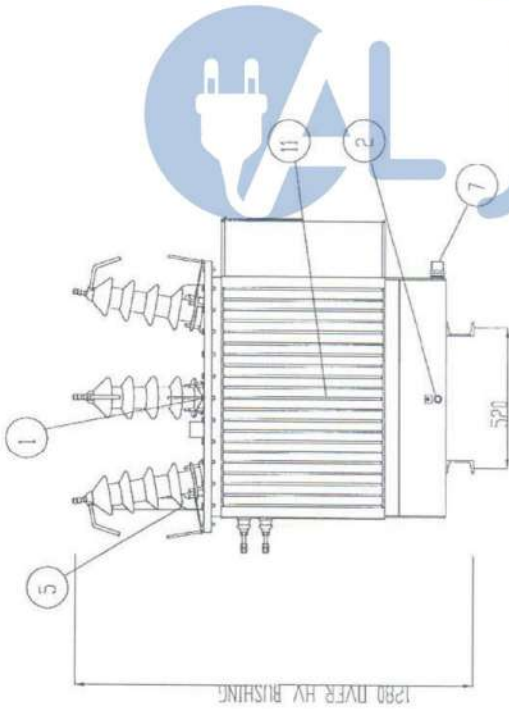
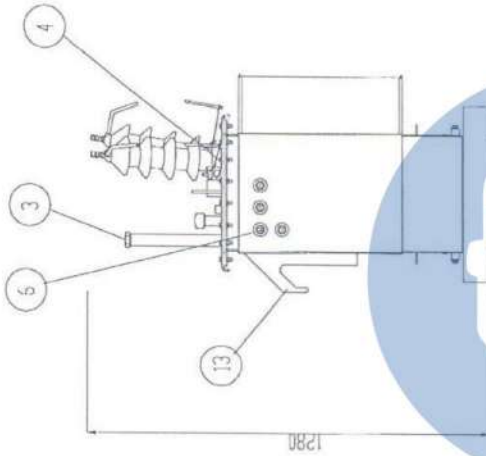
Signature: *Hassan Refaat*
Date: *11/11/2015*

A. Ardey



Description

- 1 - COVER
- 2 - EARTHING TERMINAL
- 3 - FILLING PIPE
- 4 - HV BUSHINGS D120K/250A Acc. DIM42531
- 5 - LIFTING LUG
- 6 - LV BUSHINGS D11/250A Acc. DIM42530
- 7 - OIL DRAIN DEVICE
- 8 - PRESSURE RELIEF DEVICE
- 9 - RATING PLATE
- 10 - DUAL TYPE THERMOMETER
- 11 - TRANSFORMER TANK
- 12 - TAP CHANGER HANDLE
- 13 - POLE MOUNTED BRACKET
- 14 - OIL LEVEL GAUGE



50 kVA ±5000/410 Volts		Yzn11
APPROXIMATE MASSES (kg)		
OIL MASS (kg)	OIL VOLUME (LITER)	TOTAL MASS
106	116	415
ACTIVE PART MASS	177	

Prep. HRA 11/11/2015	Resp. dept. -	Site
App. A. KIM 11/11/2015	Recover dept. -	
Rev. -	Rev. App. -	Scale -
ABB Distribution Transformers		Doc. No. IIFG557070
CUSTOMER OUTLINE		Long. EN Cont. 1 Sheet
		TIIC-50-24XDSZ



Tolerance in weights and dimensions is ± 10%.

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