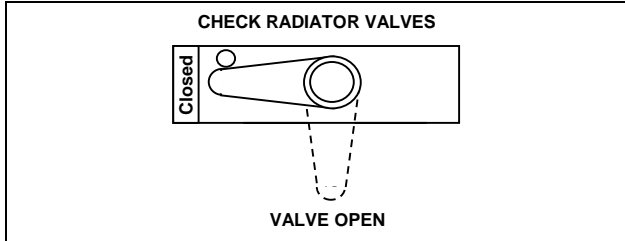


ZXX 294001-DMH

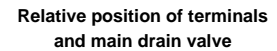
Windings		HV		LV
Terminals		A 6		a 2
		B 6		b 2
		C 6		c 2
Fault Level (kA)		Infinite		Infinite
NOMINAL RATING MVA				
ONAN		11		11
Impedance %	Tap Position			Base MVA
	1	3	5	
HV / LV	9.9	9.9	9.6	11

The diagram illustrates a three-stage distillation process. It consists of three vertical columns labeled A6, B6, and C6. Each column has a reboiler at the bottom and a condenser at the top. The reboilers are connected to a common feed line at the bottom, which splits into three streams entering the reboilers. The condensers are connected to a common product line at the top, which splits into three streams exiting the condensers. The columns are arranged in a row, with A6 on the left, B6 in the middle, and C6 on the right. The feed streams enter the reboilers from the bottom, and the product streams exit the condensers from the top. The columns are represented by thick vertical bars, and the reboilers and condensers are represented by thinner vertical bars at the bottom and top of each column, respectively. The feed streams are labeled 1, 2, 3, 4, 5, and 6, and the product streams are labeled 1, 2, 3, 4, 5, and 6.

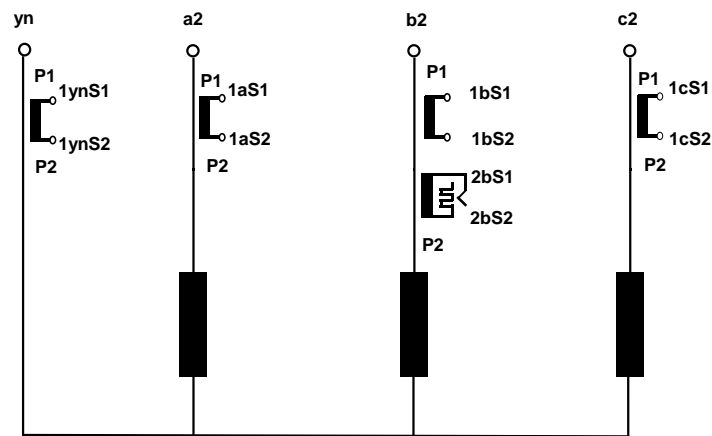


THIS TRANSFORMER (INCLUDING BUSHINGS)
IS CAPABLE OF CARRYING
OVERLOADS IN ACCORDANCE WITH EMERGENCY
DUTIES DETAILED IN I.E.C. PUBLICATION 60076-7
TRANSFORMER NOISE LEVEL shall be < 90dBA.

BUSHING INFORMATION				
POSITION	TYPE	DRAWING No	INSULATION LEVEL (kV)	CURRENT (A)
HV	CED 36 / 2500	1ZZA276001-LA	200	2500
LV	CED 12 / 2500	1ZZA276001-JA	95	2500
yn	CED 12 / 2500	1ZZA276001-JA	95	2500



Current Transformer to IEC 60044-1										
CT	Terminals	Applications	Output VA $V_K \cdot I_m$		Class	ALF	IP or Ratio (A)	Turns Ratio N/NT	Rs	Type
1a	1aS1 - 1aS2	Protection		330 / 0.011	X		2000	1 / 2000	4.38	BAR
1b	1bS1 - 1bS2			330 / 0.009					4.38	
1c	1cS1 - 1cS2			330 / 0.009					4.38	
1yn	1ynS1 - 1ynS2	Protection	10		10P	10	600 / 1		2.17	BAR
2b	2bS1 - 2bS2	W. T. I.	10		10P		2000 / 2		2.32	BAR



Cutting line

500
460
20
97
515
710

D = 10 (4x FIXING HOLE)

**DIMENSIONS FOR MANUAL
DIAGRAM PLATE**

Sheet	Form No.	
Cont	Yr	Wk
Design checked by		Rev
Dept		

-	1	-	*	t = 1.5 ; 500 * 710	st. steel *	Diagram Plate
Qty	Item No.	Item design	Article No.	Dimensions	Materials	Name of item

1	Updated measured values, B. Ndwanhwe		G.M	05/12/2018
Rev	Revision		Appd	Date


Accepted Qual. control	Accept for prod by		
N/A	N/A		
Design checked by	Drawn by		
G. Molabe	B.Ndwandwe		
Drawing checked by	Iss. Dept.	Yr	Wk
G. Molabe	Elec. Design	18	16

Diagram Plate
Purchase Drawing

Rev	Sheet	1
1	Cont.	-

Powertech Transformers

1ZXX 294001-DMH

Rev	Sheet	1
1	Cont.	-

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