

ABB Transmit Oy

KTRW 123 X 100  
801392  
2001-05-14

MIRANT KENDALL T43 DATA

ABB Transmit Oy



3	-phase transformer	Type	KTRW 123 X 100	Manufacturer's serial number	801392	Year of manufacture	2001	CE	
Standards		ANSI	Connection	YNd1d1	Cooling	ONAN/ONAF 1/ONAF 2	60	Hz	
H1 - H2 - H3	100000	kVA	117000 + - 2 x 2.5 %		V	470 - 493 - 519	A		
X1 - X2 - X3	50000	kVA	13800		V	2092	A		
Y1 - Y2 - Y3	50000	kVA	13800		V	2092	A		
Insulation level				Symm. short circuit strength					
H1 - H2 - H3 - H0	LI 450 AC185 - LI 150 AC 50			kV	6.7	kA	2	s	
X1 - X2 - X3	LI 110 AC 34			kV	27.2	kA	2	s	
Y1 - Y2 - Y3	LI 110 AC 34			kV	27.2	kA	2	s	
Winding combination	H1H2H3/X1X2X3		H1H2H3/Y1Y2Y3		X1X2X3/Y1Y2Y3				
Reference power	30000		30000		30000				kVA
SET ON Tap position no. 3	1	3	5	1	3	5			
Short circuit impedance	8.2	8.2	8.1	8.3	8.2	8.1	15.2	%	
Short circuit resistance	0.21	0.21	0.21	0.21	0.21	0.21	0.44	%	
Zero-sequence impedance								%	
No-Load loss	29.2	kW	Total weight	99900	kg	Bell tank weight	-	kg	
No-Load power	32	kVA	Oil	22300	kg	Transport weight with oil	77000	kg	
Power consumption of the cooling	4.0	kW	Active parts	53600	kg	Transport weight without oil	-	kg	
The tank	is	vacuum proof							