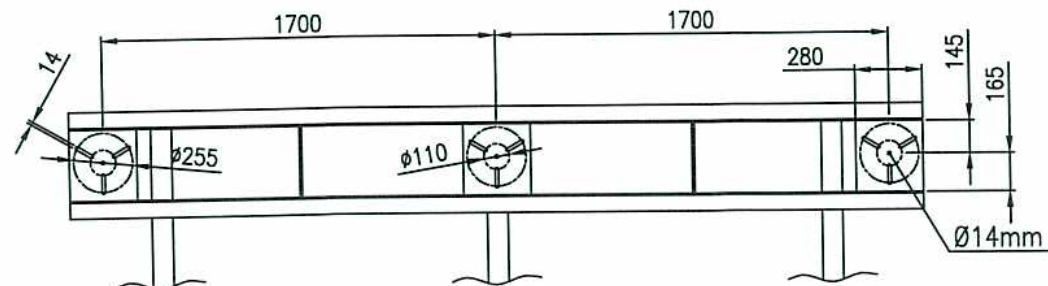


APPROXIMATE MASS (kg)	
CORE AND COIL	18000
TANK AND FITTINGS	13550
OIL	14970
TOTAL	46520
HEAVIEST PART FOR SHIPPING WITHOUT OIL	27800
SHIPPING (mm)	
1- SHIPPING DIMENSIONS ACCORDING DRAWING 4501.6975	
NOTES	
1- ON-LOAD TAP CHANGER TYPE: WII 250 76 Y 10193W	
2- MOTOR DRIVE: ED-100	
3- THE MAIN OIL CONSERVATOR IS INCLINED 25mm FOR DRAIN VALVE SIDE	
4- STAINLESS STEEL TRANSFORMER SCREWS	

54	04	JACKING PAD
53	04	TANK HAULING EYE (40mm DIAMETER)
52	04	TRANSFORMER LIFTING LUG
51	04	COVER LIFTING LUG
50	05	GROUNDING PAD (FOR FOUR GALVANIZED STEEL STRAPS EACH 80mm x 6mm)
49	01	ACCESSIBLE CORE GROUNDING
48	01	ON LOAD TAP CHANGER MOTOR DRIVE MECHANISM
47	01	ON LOAD TAP CHANGER
46	01	ON LOAD TAP CHANGER OIL CONSERVATOR REMOVABLE END COVER
45	01	MAIN TANK OIL CONSERVATOR REMOVABLE END COVER
44	01	ON LOAD TAP CHANGER DEHYDRATING BREATHER 2,0kg
43	01	MAIN TANK DEHYDRATING BREATHER 5,0kg
42	01	ON LOAD TAP CHANGER OIL CONSERVATOR
41	01	MAIN TANK OIL CONSERVATOR
40	01	TRANSFORMER NEUTRAL EARTHING BAR (TIN-PLATED COPPER 50mm x 6,35mm)
39	01	Ø1/2" SCREWED GAS SAMPLING VALVE (GATE TYPE)
38	01	Ø1" FLANGED OILC DRAIN AND FILTER VALVE (GATE TYPE), WITH A FLANGE AND SAMPLING PLUG
37	01	Ø1/2" FLANGED PRESSURE EQUALIZATION VALVE (GATE TYPE) FOR MAIN TANK CONSERVATOR AND OILC CONSERVATOR
36	01	MAIN TANK INSPECTION COVER Ø400mm
35	02	Ø1" FLANGED OILC PRESSURE RELAY VALVE (GATE TYPE)
34	01	Ø1" FLANGED DRAIN VALVE (GATE TYPE) FOR OILC CONSERVATOR, WITH A FLANGE AND SAMPLING PLUG
33	01	Ø1" FLANGED UPPER FILLING VALVE (GATE TYPE) FOR OILC CONSERVATOR
32	01	Ø2" FLANGED DRAIN VALVE (GATE TYPE) FOR MAIN TANK CONSERVATOR
31	01	Ø2" FLANGED UPPER FILLING VALVE (GATE TYPE) FOR MAIN TANK CONSERVATOR
30	01	Ø2" FLANGED UPPER FILLING VALVE (GATE TYPE)
29	01	Ø2" FLANGED DRAIN AND FILTER VALVE (GATE TYPE), WITH FLANGE AND SAMPLING PLUG
28	02	Ø3" FLANGED BUCHHOLZ RELAY VALVE (BUTTERFLY TYPE)
27	16	Ø3" FLANGED DETACHABLE RADIATOR VALVE (BUTTERFLY TYPE)
26	01	PRESSURE RELAY OF THE ON LOAD TAP CHANGER
25	01	PRESSURE RELIEF DEVICE OF THE MAIN TANK WITH A TEST BUTTON PROTECTION COVER
24	01	BUCHHOLZ RELAY
23	01	MAGNETIC OIL LEVEL GAUGE OF THE ON LOAD TAP CHANGER
22	01	MAGNETIC OIL LEVEL GAUGE OF THE MAIN TANK
21	01	WINDING TEMPERATURE INDICATOR
20	01	SKID BASE
19	01	MAIN TANK WELDED COVER
18	02	INSPECTION COVER Ø300mm
17	12	DETACHABLE RADIATOR WITH LIFTING LUG, DRAIN PLUG AND VENT PLUG (GALVANIZED AND PAINTED)
16	03	THERMOMETER POCKET
15	01	TEMPERATURE MONITOR
14	01	VALVE FUNCTION PLATE
13	01	MARSHALLING INTERFACE BOX
12	01	MAIN TANK CONSERVATOR INSPECTION COVER Ø400mm
11	01	FILLING APERTURE
10	01	NAMEPLATE (STAINLESS STEEL)
09	03	LOW VOLTAGE SURGE ARRESTERS BRACKET
08	01	HIGH VOLTAGE NEUTRAL SURGE ARRESTERS BRACKET
07	03	HIGH VOLTAGE SURGE ARRESTERS BRACKET
06	03	LOW VOLTAGE CURRENT TRANSFORMER TERMINAL BOX
05	01	HIGH VOLTAGE NEUTRAL CURRENT TRANSFORMER TERMINAL BOX
04	03	HIGH VOLTAGE CURRENT TRANSFORMER TERMINAL BOX
03	03	LOW VOLTAGE BUSHING TYPE GSA 52/2000
02	01	HIGH VOLTAGE NEUTRAL BUSHING TYPE GSA 73/2000
01	03	HIGH VOLTAGE BUSHING TYPE GSA 145/1600

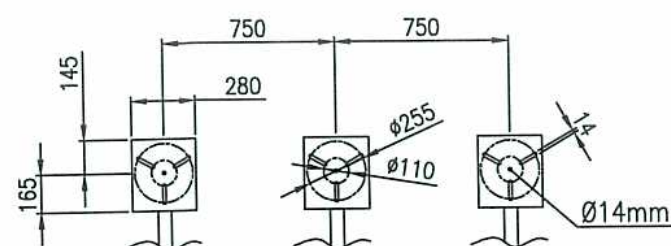
Pos.	Qty.	Description	kg	NET WEIGHT	kg	SCALE		
GROSS WEIGHT								
SUMMARY OF MODIFICATIONS								
MODIF. NUMBER	LOC	DESCRIPTION	EXECUTED	CHECKED	RELEASED	DATE	VER	
EXECUTED		GENERAL ARRANGEMENT						
CHECKED		TF A 3 50 20MVA 80/22kV YN41 ONAN				4501.6974 S1		
RELEASED		CP 843275518				000 02		
REL. DATE						SHEET 01 / 01		

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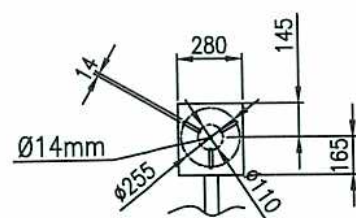
HIGH VOLTAGE SURGER ARRESTER BRACKET

B



LOW VOLTAGE SURGER ARRESTER BRACKET

C



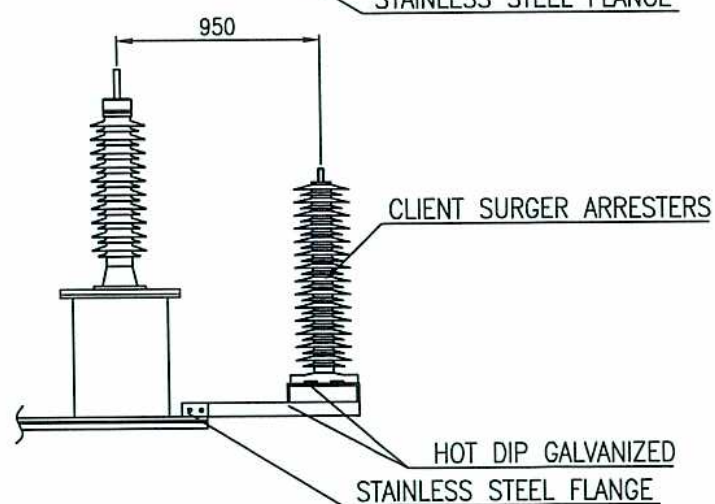
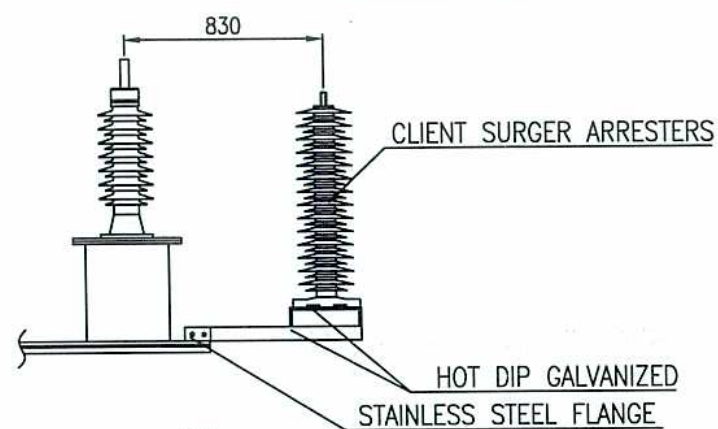
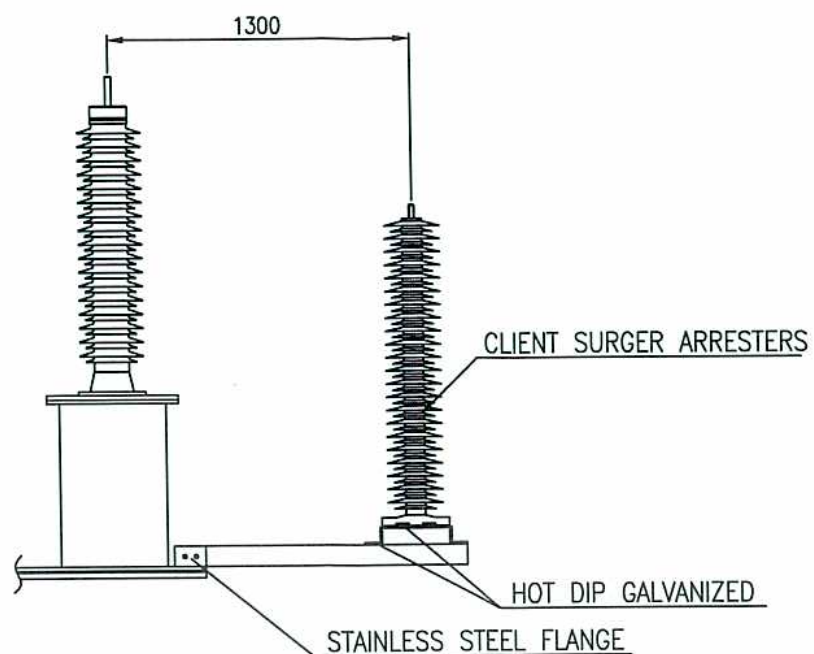
NEUTRAL SURGER ARRESTER BRACKET

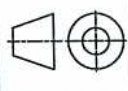
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NOTES:

MATERIAL: CARBON STEEL



GROSS WEIGHT		kg	NET WEIGHT	kg	SCALE	
500000008524			MODIFIED ACC. TO THE PROJECT	MARCOSH M	GILBERTOP	15.02.08
1370132			FIRST ISSUE	MARCOSH M		01
MODIF. NUMBER	LOC	SUMMARY OF MODIFICATIONS			EXECUTED	CHECKED
EXECUTED	MARCOSH M	 GENERAL ARRANGEMENT TF A 3 50 20MVA 88/22kV YNd1 ONAN CP 843275518				
CHECKED						
RELEASED	GILBERTOP					
REL. DATE	15.02.08	WAU-JGS	BLUMENAU	TÉCNICO	SHEET	01 / 01

4501.6974 S2

000 | 02

01 / 01

