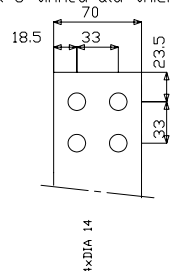
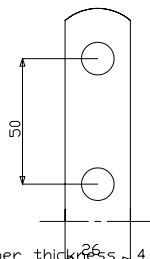


Rep 3 ALU etane Ep 6

Mark 3 tinned alu thickness 6



DIA 13



Mark 1 copper thick 26 4

Rep 1 Cu Ep 4

CONNECTION OF THE TRANSFORMER ON HV SIDE  
LIMITED STRESS ON TENSILE STRENGTH ON THE  
CONNECTION TERMINALS : 500N  
LIMITED STRENGTH ON THE ADJUSTEMENT  
AND CONNECTING SCREWS : 20Nm  
THE CASTING OF THE HV WINDING DOES NOT ENSURE ANY  
PROTECTION IN CASE OF PHYSICAL CONTACT WHEN THE TRANSFORMER  
IS ENERGIZED . FOR THE INSTALLATION INTO HOUSING  
RESPECT THE INSULATING DISTANCES OF THE ENERGIZED PARTS AS  
PRESCRIBED BY THE RULES IN FORCE . THE DISTANCE BETWEEN  
THE HV CABLES , THE LV CABLES OR THE LV SET OF BARS AND  
THE SURFACE OF THE HV WINDING SHOULD BE AT LEAST 120 MM  
EXCEPT ON THE FRONT FLAT FACE OF THE HV COIL  
WHERE THE MINIMUM DISTANCE SHOULD BE THAT AUTOMATICALLY  
PROVIDED BY THE HV CONNECTION TERMINALS  
SECURE THE PROTECTION DEGREE REQUIRED AFTER HV AND LV  
CONNECTION AND BEFORE ENERGIZING  
PROTECTION HOUSING : DISMOUNTABLE EXCEPT THE BOTTOM AND THE  
SIDES .IN CASE OF DOWNWARD HV CONNECTION (PASSAGE OF THE  
CABLES THROUGH THE FLAP DOOR SITUATED IN THE BOTTOM OF THE  
HOUSING) THE CABLES SHOULD IMPERATIVELY BE CLAMPED  
ON THE LATERAL PANEL .

RACCORDEMENT DU TRANSFORMATEUR COTE HT  
EFFORT LIMITE A LA TRACTION SUR LES PLAGES DE RACCD : 500N  
COUPLE LIMITE SUR LES VIS DE REGLAGE ET DE RACCDT : 20Nm  
L ENROBAGE DU BOBINAGE HT NE PRESERVE D AUCUNE FACON  
LE PERSONNEL EN CAS DE CONTACT PHYSIQUE  
LORSQUE LE TRANSFORMATEUR EST SOUS TENSION  
LA DISTANCE ENTRE LES CABLES HT ,LES CABLES BT OU LE JEU  
DE BARRE BT ET LA SURFACE DE L ENROULEMENT HT DOIT ETRE  
AU MINIMUM DE 120 MM SAUF SUR LA FACE AVANT PLANE OU LA  
DISTANCE MINIMUM EST DONNEE PAR LES PLAGES DE RACCDT HT  
VERIFIER LE DEGRE DE PROTECTION DEMANDE APRES RACDT HT ET  
BT ET AVANT LA MISE SOUS TENSION  
ENVELOPPE DE PROTECTION DEMONTABLE SAUF  
LE FOND ET LES FACES LATERALES  
DANS LE CAS D UN RACDT HT PAR LE BAS  
(PASSAGE DES CABLES PAR LA TRAPE SITUÉE DANS LE FOND  
DE L ENVELOPPE). LES CABLES DEVRONT IMPERATIVEMENT  
ETRE FIXES SUR LE PANNEAU LATERAL.

TOLERANCES: + / - 20 mm HV AND LV CONNECTIONS  
GENERAL TOLERANCES: + / - 10 mm

TOLERANCES : RACCORDEMENTS HT ET BT + OU - 20 mm  
TOLERANCES GENERALES: + OU - 10 mm

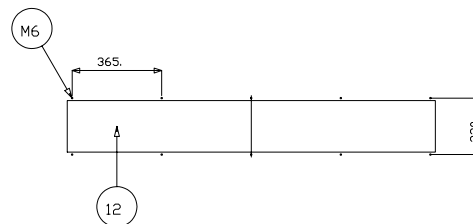
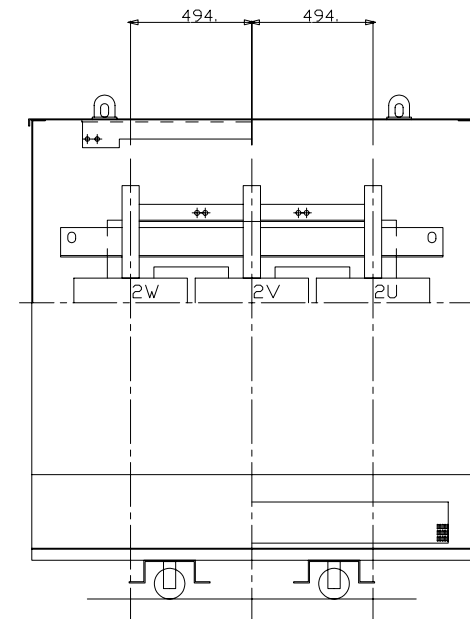
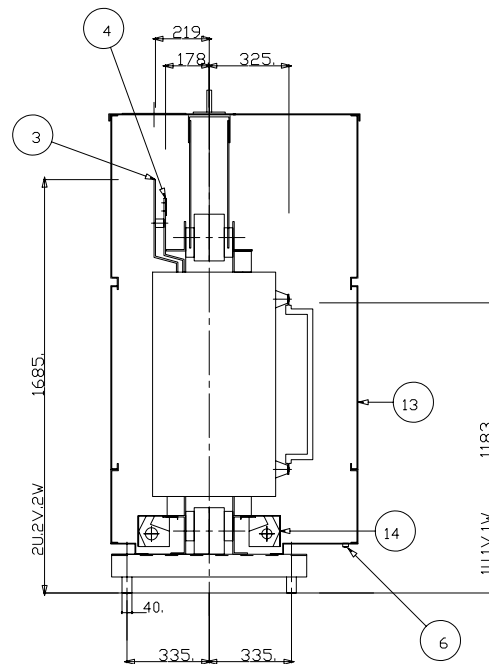
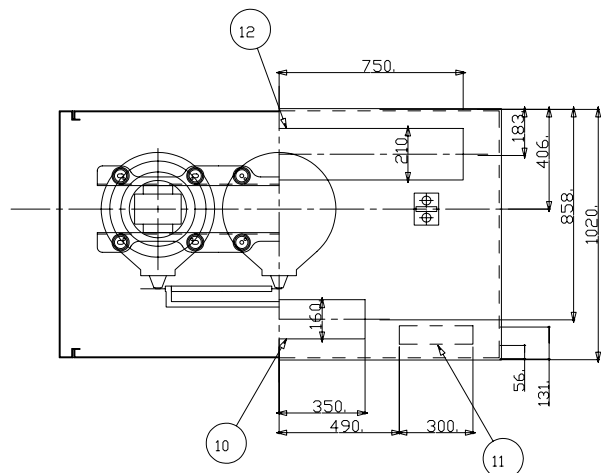
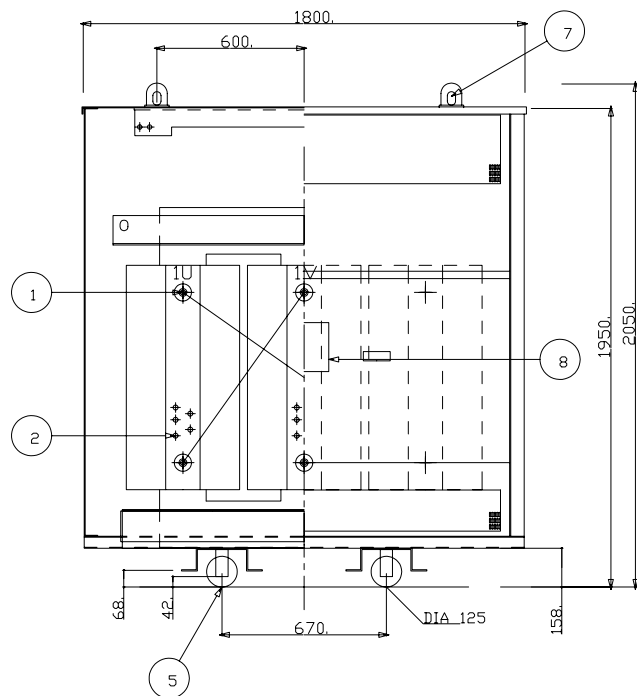
14	FAN TYPE	VENTILATEUR
13	ACCES PANEL FOR HV TAPPINGS AND HV TERMINATION	RAPPE ACCES AU REP 1-2
12	TOP ENTRY GLAND PLATE FOR LV CONNECTION	OUVERTURE RACCORDEMENT BT
11	BOTTOM ENTRY GLAND PLATE FOR HV CONNECTION	OUVERTURE RACCORDEMENT HT BAS
10	TOP ENTRY GLAND PLATE FOR HV CONNECTION	OUVERTURE RACCORDEMENT HT
8	RATING PLATE	PLAQUE SIGNALETIQUE
7	LIFTING LUGS	LEVAGE
6	EARTHING TERMINAL M10	PRISE DE TERRE DIAM M10
5	BI-DIRECTIONNAL ROLLERS	GALET DE ROULEMENT ORIENTABLE
4	LV NEUTRAL TERMINAL	PLAGE DE RACCORDEMENT NEUTRE BT
3	LV PHASE TERMINAL	PLAGE DE RACCORDEMENT BT
2	HV OFF CIRCUIT TAPPINGS	REGLAGE DE TENSION HT
1	HV TERMINALS	RACCORDEMENT HT

THREE PHASED TRANSFORMER	TRANSFORMATEUR TRIPHASE
CASTRESIN TRIHAL	ENROBE TRIHAL
DEGREE OF PROTECTION:	DEGRE DE PROTECTION :
IP31	IP31

RATED POWER	PUISSANCE	AN	800	kVA
FREQUENCY	FREQUENCE		50	Hz
HIGH VOLTAGE	HAUTE TENSION		10000	V
OFF VOLTAGE TAPPING	REGLAGE		+5.0+2.5	%
OFF VOLTAGE TAPPING	REGLAGE		-5.0-2.5	%
LOW VOLTAGE AT NO LOAD	BASSE TENSION A VIDE		400	V
UCC	UCC		6	%
VECTOR GROUP	GROUPE DE COUPLAGE		DYN11	
INDOOR TYPE CLASS	CLASSE THERMIQUE		F	
TOTAL WEIGHT	MASSE TOTALE		2080	kg
HV INSULATION LEVEL	NIVEAU D ISOLEMENT HT		17.5	kV

ind	Dessine/Verif	le	Validation	Modifications	
ECHELLE		PLAN D ENCOMBREMENT CONFORME			
		ASSEMBLY DRAWING			
Dessine verifie		le 0/ /	par		
Validation		le 0/ /	par		
				A3-100-005159 1/2	

**Merlin Gerin**  
france transfo



PRIMARY WINDING MATERIAL : ALUMINIUM  
 NATURE ENROULEMENT PRIMAIRE : ALUMINIUM  
 SECONDARY WINDING MATERIAL : ALUMINIUM  
 NATURE ENROULEMENT SECONDAIRE : ALUMINIUM

MASSE TOTALE : 2080.  
 LONG TOTALE : 1800.  
 LARG TOTALE : 1020.  
 HAUT TOTALE : 2050.

TOLERANCES: + / - 20 mm MV AND LV CONNECTIONS  
 GENERAL TOLERANCES: + / - 10 mm

TOLERANCES : RACCORDEMENTS HT ET BT + OU - 20 mm  
 TOLERANCES GENERALES: + OU - 10 mm

ind	Dessine/Verif	le	Validation	Modifications			
ECHELLE				PLAN D ENCOMBREMENT CONFORME			
				ASSEMBLY DRAWING			
Dessine verifie		le 0/ /	par				
Validation		le 0/ /	par				
				A3-100-005159 2/2			

