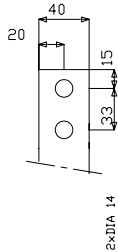
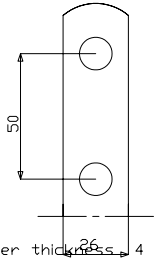


Rep 3 ALU etane Ep 5

Mark 3 tinned alu thickness 5



DIA 13



Mark 1 copper thickness 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 MV AND LV CONNECTIONS
GENERAL TOLERANCES: + / - 10 mm



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

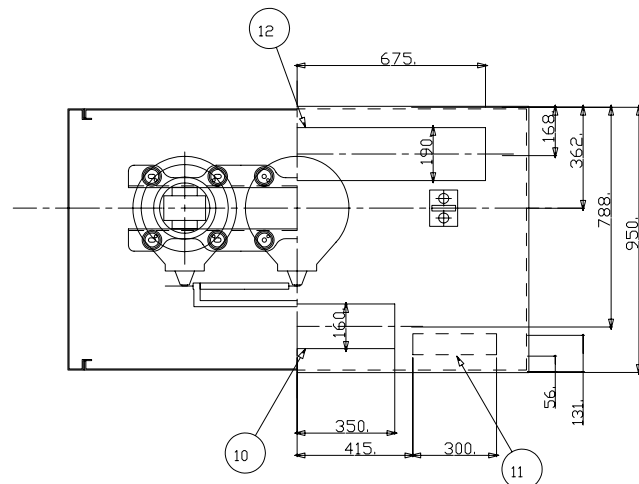
| | | |
|----|--|--------------------------------|
| 13 | ACCES PANEL FOR HV TAPPINGS AND HV TERMINATION | RAPPE ACCES AU REP 1-2 |
| 12 | TOP ENTRY GLAND PLATE FOR LV CONNECTION | OUVERTURE RACCORDMENT BT |
| 11 | BOTTOM ENTRY GLAND PLATE FOR HV CONNECTION | OUVERTURE RACCORDMENT HT BAS |
| 10 | TOP ENTRY GLAND PLATE FOR HV CONNECTION | OUVERTURE RACCORDMENT 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 RACCORDMENT NEUTRE BT |
| 3 | LV PHASE TERMINAL | PLAGE DE RACCORDMENT BT |
| 2 | HV OFF CIRCUIT TAPPINGS | REGLAGE DE TENSION HT |
| 1 | HV TERMINALS | RACCORDMENT HT |

THREE PHASED TRANSFORMER
CASTRESIN TRIHAL
DEGREE OF PROTECTION:
IP31

TRANSFORMATEUR TRIPHASE
ENROBE TRIHAL
DEGRE DE PROTECTION :
IP31

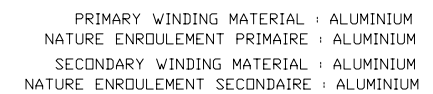
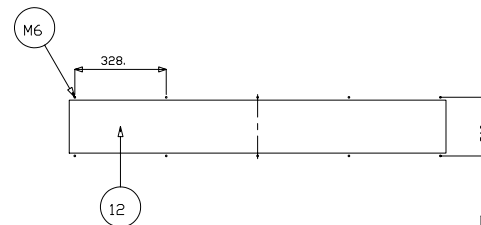
| | | | | |
|------------------------|-----------------------|----|----------|-----|
| RATED POWER | PUISSANCE | AN | 250 | kVA |
| FREQUENCY | FREQUENCE | | 50 | Hz |
| HIGH VOLTAGE | HAUTE TENSION | | 10000 | V |
| OFF VOLTAGE TAPPING | REGLAGE | | +5.0+2.5 | % |
| OFF VOLTAGE TAPPING | REGLAGE | | -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 | | 1125 | kg |
| HV INSULATION LEVEL | NIVEAU D ISOLEMENT HT | | 17.5 | kV |

| | | | | | |
|---|---------------|------------------------------|------------|---|--|
| ind | Dessine/Verif | le | Validation | Modifications | |
| ECHELLE | | PLAN D ENCOMBREMENT CONFORME | |  | |
|  | | ASSEMBLY DRAWING | | france transfo | |
| Dessine verifie | | le 0/ / | par | | |
| Validation | | le 0/ / | par | | |
| | | | | A3-100-005157 1/2 | |



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

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



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ECHELLE

PLAN D ENCOMBREMENT CONFORME

ASSEMBLY DRAWING

| Dessine verifie | le | 0/ / | par |
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Modifications

Merlin Gerin

france transfo

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| A3-100-005157 | 2/2 |
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