

A

B

C

D

E

F

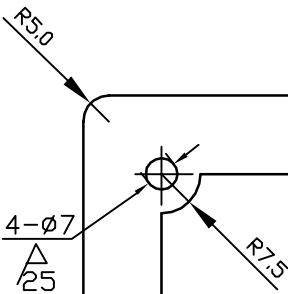
G

H

J

K

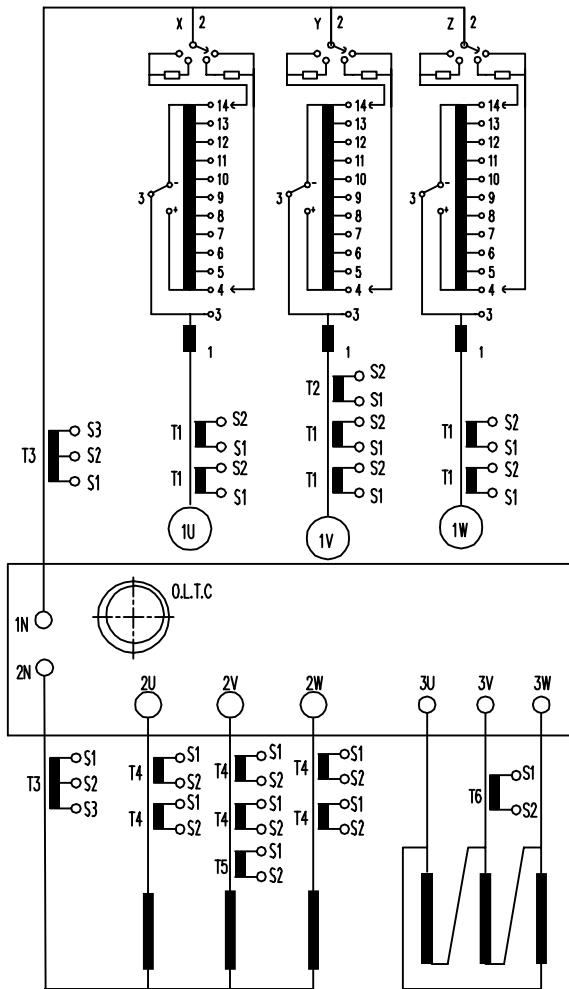
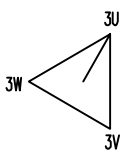
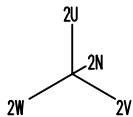
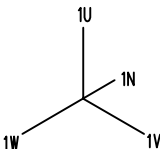
L



# SIEMENS

|                                         |  |             |  |                           |  |                                                      |  |                                   |  |               |  |                                             |  |                                             |  |                                |  |  |  |           |  |
|-----------------------------------------|--|-------------|--|---------------------------|--|------------------------------------------------------|--|-----------------------------------|--|---------------|--|---------------------------------------------|--|---------------------------------------------|--|--------------------------------|--|--|--|-----------|--|
| MODELO                                  |  | TSSN7854    |  | NÚMERO DE SERIE           |  | V100643                                              |  | MES/AÑO                           |  | NORMA         |  | IEC60076                                    |  |                                             |  |                                |  |  |  |           |  |
| POTENCIA NOMINAL                        |  | 60/60/8MVA  |  | TIPO DE TRANSFORMADOR     |  | TRANSFORMADOR DE POTENCIA INMERSO EN ACEITE          |  |                                   |  | REFRIGERACIÓN |  | ONAN                                        |  |                                             |  |                                |  |  |  |           |  |
| NÚMERO DE FASES                         |  | 3           |  | GRUPO DE CONEXIÓN         |  |                                                      |  |                                   |  | YNyn0d1       |  | INSTALACIÓN                                 |  | EXTERIOR                                    |  |                                |  |  |  |           |  |
| —                                       |  | VOLTAJE (V) |  | CORRIENTE (A)             |  | IMPEDANCIA                                           |  | PÉRDIDAS EN CARGA                 |  | FRECUENCIA    |  | 50Hz                                        |  |                                             |  |                                |  |  |  |           |  |
| POS.                                    |  | AT          |  | MT                        |  | BT                                                   |  | AT-MT (%)                         |  | AT-MT (kW)    |  | ELEVACIÓN DE TEMPERATURA MÁXIMA DEL ACEITE: |  | °C                                          |  |                                |  |  |  |           |  |
| 1                                       |  | 247500      |  | 110000                    |  | 13800                                                |  | 140.0                             |  | 314.9         |  | 334.7                                       |  | ELEVACIÓN DE TEMPERATURA PROMEDIO DEVANADO: |  | °C                             |  |  |  |           |  |
| 11                                      |  | 220000      |  | 110000                    |  | 13800                                                |  | 157.5                             |  | 314.9         |  | 334.7                                       |  | CORRIENTE DE VACÍO                          |  | kW                             |  |  |  |           |  |
| 21                                      |  | 192500      |  | 110000                    |  | 13800                                                |  | 180.0                             |  | 314.9         |  | 334.7                                       |  | CORRIENTE DE VACÍO                          |  | %                              |  |  |  |           |  |
| NIVEL DE AISLAMIENTO                    |  |             |  |                           |  | LI1050AC460/LI130AC50-LI550AC230/LI130AC50-LI125AC38 |  |                                   |  |               |  | PESO TOTAL DE ACEITE                        |  |                                             |  | Kg                             |  |  |  |           |  |
| CONMUTADOR DE TOMAS BAJO CARGA          |  |             |  | VM III 300Y-72.5/B-12233W |  |                                                      |  | MÁXIMA POTENCIA EN CORTO CIRCUITO |  |               |  | HV/MV/LV 25000/15000/500MVA                 |  |                                             |  | PESO DESMONTABLE:              |  |  |  | 57400 Kg  |  |
| VOLTAJE MÁX. OPERACIÓN DEL CONMUTADOR   |  |             |  | 72.5kV                    |  |                                                      |  | TEMPERATURA AMBIENTE MÁXIMA       |  |               |  | 40°C                                        |  |                                             |  | PESO DE TRANSPORTE SIN ACEITE: |  |  |  | 71400 Kg  |  |
| CORRIENTE MÁXIMA NOMINAL DEL CONMUTADOR |  |             |  | 300A                      |  |                                                      |  | LÍQUIDO AISLANTE:                 |  |               |  | NYNAS LIBRA                                 |  |                                             |  | PESO TOTAL CON ACEITE          |  |  |  | 116000 Kg |  |

|            | POS. | DERIV. | INVERSOR | VOLTAJE(V) | CORRIENTE(A) |
|------------|------|--------|----------|------------|--------------|
| MÁXIMA     | 1    | 14     | 3-4      | 247500     | 140.0        |
|            | 2    | 13     |          | 244750     | 141.5        |
|            | 3    | 12     |          | 242000     | 143.1        |
|            | 4    | 11     |          | 239250     | 144.8        |
|            | 5    | 10     |          | 236500     | 146.5        |
|            | 6    | 9      |          | 233750     | 148.2        |
|            | 7    | 8      |          | 231000     | 150.0        |
|            | 8    | 7      |          | 228250     | 151.8        |
|            | 9    | 6      |          | 225500     | 153.6        |
|            | 10   | 5      |          | 222750     | 155.5        |
| AT NOMINAL | 11A  | 4      | K+       | 220000     | 157.5        |
|            | 11B  | 3      |          |            |              |
|            | 11C  | 14     |          |            |              |
|            | 12   | 13     |          |            |              |
|            | 13   | 12     |          |            |              |
|            | 14   | 11     |          |            |              |
|            | 15   | 10     |          |            |              |
|            | 16   | 9      |          |            |              |
|            | 17   | 8      |          |            |              |
|            | 18   | 7      |          |            |              |
| MÍNIMO     | 19   | 6      | 14-3     | 198000     | 175.0        |
|            | 20   | 5      |          | 195250     | 177.4        |
|            | 21   | 4      |          | 192500     | 180.0        |
|            | MT   | —      | —        | 110000     | 314.9        |
|            | BT   | —      | —        | 13800      | 334.7        |



NOTA: CUANDO EL TRANSFORMADOR ESTE ENERGIZADO, LA INSTALACIÓN A TIERRA DEBE ESTAR ATERORIZADA Y LOS TC'S DEBEN ESTAR EN CIRCUITO CERRADO (LOS TERMINALES NO PUEDEN SER ABIERTOS).

## SIEMENS TRANSFORMER (WUHAN) CO., LTD.

HECHO EN WUHAN – CHINA

Dimensiones en mm

|             |            |    |                |                              |              |  |           |                       |            |  |
|-------------|------------|----|----------------|------------------------------|--------------|--|-----------|-----------------------|------------|--|
| Date        | 2014-10-22 |    | Approved       | Revision                     |              |  |           |                       |            |  |
| Distr. Team | STWH T MD  |    | release status |                              |              |  |           |                       |            |  |
| Des'd Chk'd | ZZQ        | YJ | ZYX            | Title                        | Rating Plate |  |           | General tolerances -- |            |  |
| SIEMENS     |            |    | STWH           | Project Latin American Power |              |  | Scale 1:1 |                       | AutoCAD    |  |
|             |            |    |                | W.D. No.                     | V100643      |  | Dwg. No.  |                       | V04 11 361 |  |