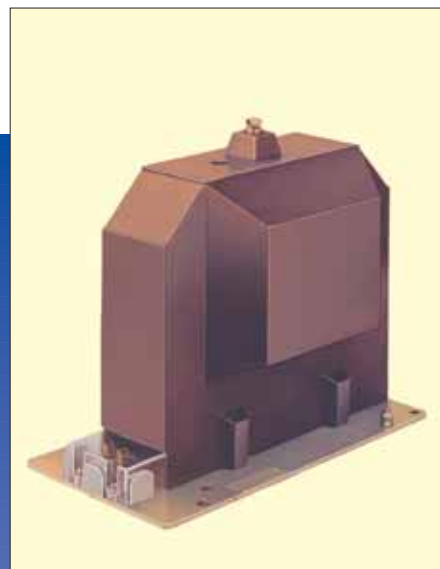
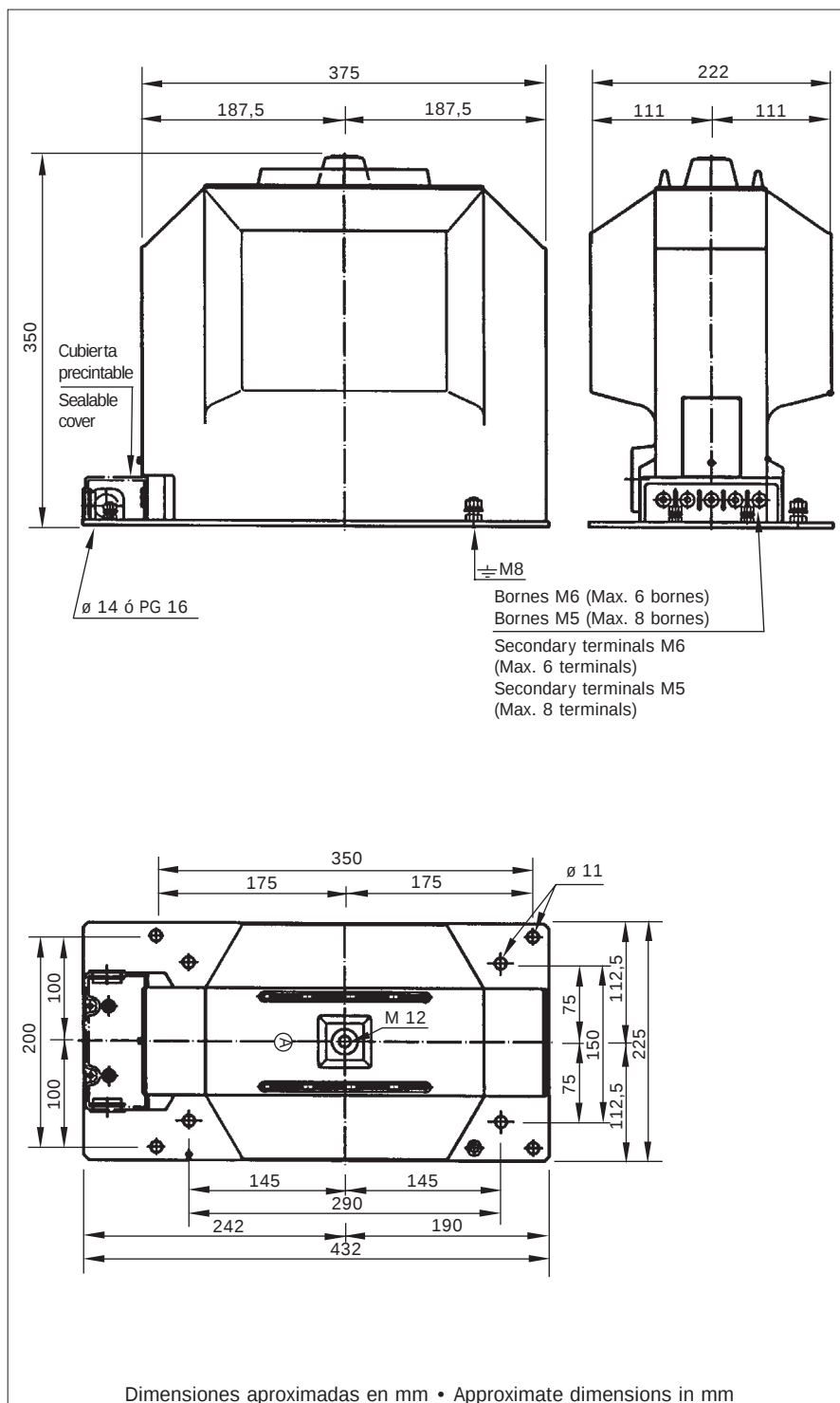


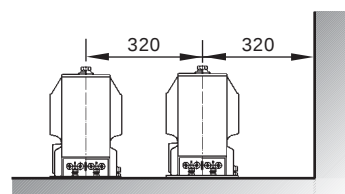
# TRANSFORMADOR DE TENSION VOLTAGE TRANSFORMER

## UCN-36

36 (IEC)  
34,5 (IEEE)



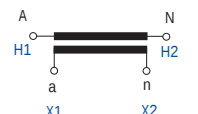
### DISTANCIAS RECOMENDADAS • SUGGESTED DISTANCES



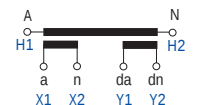
### MARCAJE • MARKING (IEC • IEEE)

#### Conexión Fase-Tierra • Phase-Earth connection

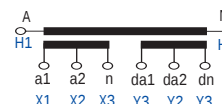
S. R.P. y un secundario • S.P.R. and one secondary



S.R.P. y 2 secundarios • S.P.R. and two secondaries



D.R.P. por toma secundaria y dos secundarios  
D.P.R. and intermediate tapping on secondary windings



### DESCRIPCION

Transformador de tensión de un polo aislado (conexión fase-tierra), tipo soporte, diseñado para servicio interior y encapsulado en resina. Para medida y/o protección.  
Construible bajo normas UNE, CEI, VDE, IEEE.  
Otras normas o características especiales bajo consulta.

### DESCRIPTION

One pole insulated voltage transformer (connection phase-earth), support type, valid for indoor service.  
Cast resin. Designed for measurement and/or protection.  
Manufactured as per standards UNE, IEC, VDE, IEEE.  
Other standards or special technical specifications on request.



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## TRANSFO. TENSION

## UCN-36

## VOLTAGE TRANSFORMER

### CARACTERISTICAS ELECTRICAS

#### UNE•IEC IEEE

|                                                             |                         |      |
|-------------------------------------------------------------|-------------------------|------|
| • Tensión nominal de aislamiento (kV)                       | 36                      | 34,5 |
| • Tensión máxima de servicio (kV)                           | 36                      | 35,5 |
| • Frecuencia de utilización (Hz)                            | 50/60                   |      |
| • Tensión de ensayo a frecuencia industrial (durante 1 min) |                         |      |
| - Entre primario y secundario (kV)                          | 3                       | 2,5  |
| - Entre secundario y masa (kV)                              | 3                       | 2,5  |
| • Tensión inducida a 120 Hz (kV máximos)                    | 70                      | 70   |
| • Ensayo impulso tipo rayo (kV cresta)                      | 170                     | 200  |
| • Tension secundarias                                       |                         |      |
| - Medida (V)                                                | 100:√3, 110√3 or 120:√3 |      |
| - Tensión residual (V)                                      | 100:3, 110:3 or 120:3   |      |
| • Sobretensión admisible en permanencia ( $U_N$ )           | 1,2                     |      |

### ELECTRICAL CHARACTERISTICS

|                                                       |
|-------------------------------------------------------|
| • Highest voltage (kV)                                |
| • Highest voltage for equipment (kV)                  |
| • Frequency (Hz)                                      |
| • Test voltage at industrial frequency (during 1 min) |
| - On the primary and secondary (kV)                   |
| - On the secondary winding (kV)                       |
| • Induced voltage at 120 Hz (maximum kV)              |
| • BIL and full wave (kV crest)                        |
| • Secondary voltage                                   |
| - Measure (V)                                         |
| - Residual voltage (V)                                |
| • Allowed continuous overvoltage ( $U_N$ )            |

### CARACTERISTICAS MECANICAS

|                                                           |                 |
|-----------------------------------------------------------|-----------------|
| • Par de apriete de la tornillería                        |                 |
| - Terminales primarios M12                                | 2,6 m x Kg      |
| - Terminales secundarios M5 o M6                          | 0,25/0,3 m x Kg |
| • Peso aproximado                                         | 44 Kg           |
| • Bornes primarios y secundarios de latón.                |                 |
| • Cubierta de bornes secundarios de policarbonato.        |                 |
| Bajo pedido puede suministrarse en acero zincado y bicro- |                 |
| matado.                                                   |                 |
| • Tornillería de acero                                    |                 |
| • Otras características bajo consulta.                    |                 |

### MECHANICAL CHARACTERISTICS

|                                                                |
|----------------------------------------------------------------|
| • Torque                                                       |
| - Primary terminals M12                                        |
| - Secondary terminals M5 or M6                                 |
| • Aproximate weight                                            |
| • Primary and secondary terminals made of brass.               |
| • Polycarbonate covers for secondary terminals.                |
| Can be supplied in zinc - bichromium plated steel, on request. |
| • Screws made of steel                                         |
| • Other specifications on request.                             |

### PRESTACIONES

### SERVICES

| CLASES Y POTENCIAS                                                                                                                      |     |                                                                                                                                       |     |                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------------|
| ACCURACY CLASS AND BURDEN                                                                                                               |     |                                                                                                                                       |     |                                                                  |
| NORMAS • STANDARD                                                                                                                       |     |                                                                                                                                       |     |                                                                  |
| IEC                                                                                                                                     |     |                                                                                                                                       |     |                                                                  |
| FACTOR DE TENSION<br>VOLTAGE FACTOR                                                                                                     |     |                                                                                                                                       |     | POTENCIA DE<br>CALENTAMIENTO<br><br>THERMAL<br>BURDEN<br>RATINGS |
| 1,2 U <sub>N</sub> en permanencia<br>1,5 U <sub>N</sub> durante 30 s<br>1,2 U <sub>N</sub> continuous<br>1,5 U <sub>N</sub> during 30 s |     | 1,2 U <sub>N</sub> en permanencia<br>1,9 U <sub>N</sub> durante 8 h<br>1,2 U <sub>N</sub> continuous<br>1,9 U <sub>N</sub> during 8 h |     |                                                                  |
| VA                                                                                                                                      | Cl. | VA                                                                                                                                    | Cl. | VA                                                               |
| 75                                                                                                                                      | 0,2 | 50                                                                                                                                    | 0,2 | a: 20-30°C.<br>ambiente                                          |
| 200                                                                                                                                     | 0,5 | 150                                                                                                                                   | 0,5 |                                                                  |
| 300                                                                                                                                     | 1,0 | 200                                                                                                                                   | 1,0 | 600<br>at: 20-30°C.<br>ambient                                   |
| 300                                                                                                                                     | 3P  | 200                                                                                                                                   | 3P  |                                                                  |
| 300                                                                                                                                     | 6P  | 200                                                                                                                                   | 6P  |                                                                  |

- Estas potencias son orientativas
- Posibilidad D.R.P. por toma secundario (consultar potencia).

- This rated outputs are orientative values.
- Possible D.P.R. by secondary tapping (consult burden).