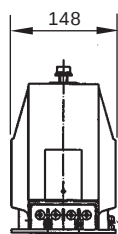
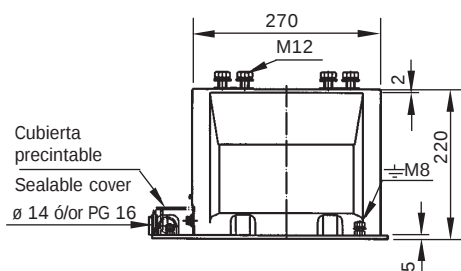


# TRANSFORMADOR DE INTENSIDAD CURRENT TRANSFORMER

## ACI-17

17,5 (IEC)  
15 (IEEE)

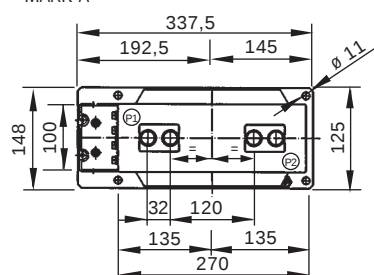
### SIMPLE RELACION PRIMARIA • SINGLE PRIMARY RATIO



Bornes M6 (Max. 4 bornes)  
Bornes M5 (Max. 6 bornes)  
Secondary terminals M6 (Max. 4 terminals)  
Secondary terminals M5 (Max. 6 terminals)

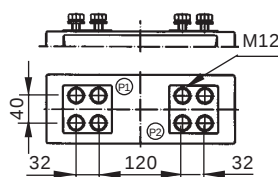
MARCA A  
MARK A

Hasta • Until 1500 A



MARCA B  
MARK B

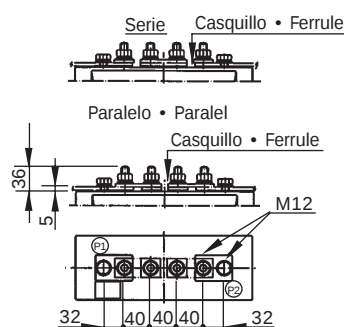
Hasta • Until 2000 A



### DOBLE RELACION PRIMARIA • DOUBLE PRIMARY RATIO

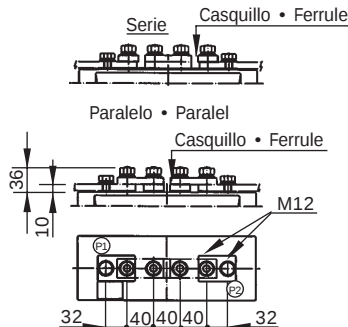
MARCA C  
MARK C

Hasta • Until 2 x 300 A

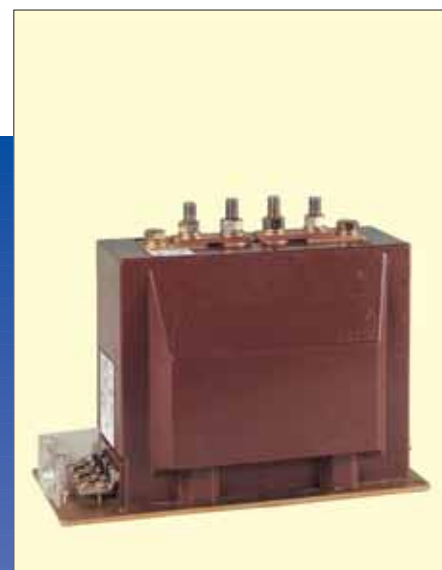


MARCA D  
MARK D

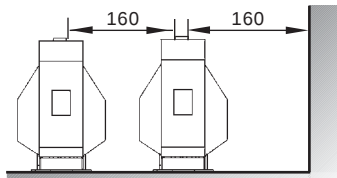
Hasta • Until 2 x 600 A



Dimensiones aproximadas en mm • Approximate dimensions in mm



### DISTANCIAS RECOMENDADAS • SUGGESTED DISTANCES

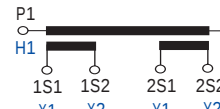


### MARCAJE • MARKING (IEC • IEEE)

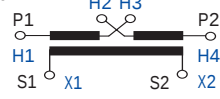
Simple Relación Primaria y un secundario Simple Primary Ratio and one secondary.



Simple Relación Primaria y dos secundarios Simple Primary Ratio and two secondaries



Doble Relación Primaria y un secundario Double Primary Ratio and one secondary



D.R.P. por toma secundaria y un secundario D.P. R. and intermediate tapping on secondary winding



### DESCRIPCION

Transformador de intensidad, tipo soporte, diseñado para servicio interior, encapsulado en resina. Para medida y/o protección. Construíbles bajo normas UNE, CEI, VDE, IEEE. Otras normas o características especiales bajo consulta.

### DESCRIPTION

Current transformer, support-type, valid for indoor service, cast resin. Designed for measurement and/or protection. Manufactured as per standard UNE, IEC, VDE, IEEE. Other standards or special technical specification on request.



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## TRANSFO. INTENSIDAD

## ACI-17

## CURRENT TRANSFORMER

### CARACTERISTICAS ELECTRICAS

|                                                             | UNE • IEC | IEEE     |
|-------------------------------------------------------------|-----------|----------|
| • Tensión nominal de aislamiento (kV)                       | 17,5      | 15       |
| • Tensión máxima de servicio (kV)                           | 17,5      | 15,5     |
| • Frecuencia de utilización (Hz)                            | 50/60     |          |
| • Tensión de ensayo a frecuencia industrial (durante 1 min) |           |          |
| - Entre primario y secundario, este unido a masa (kV)       | 38        | 34       |
| - Entre secundario y masa (kV)                              | 3         | 2,5      |
| • Ensayo impulso tipo rayo (kV cresta)                      | 95        | 110      |
| • Intensidad primaria máxima (A)                            |           | 2000     |
| - Simple Relación Primaria                                  | 2 x 600   | 600x1200 |
| - Doble Relación Primaria                                   |           | 5A       |
| • Intensidad secundaria (bajo pedido 1 ó 2 A)               |           | 3        |
| • Número de núcleos máximo                                  |           | 1,2      |
| • Sobreintensidad admisible en permanencia ( $I_N$ )        |           | 100      |
| • Máxima corriente térmica admisible durante 1 seg. (kA)    |           |          |

### 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)
- BIL and full wave (kV crest)
- Highest primary current (A)
  - Simple Primary Ratio
  - Double Primary Ratio
- Secondary current (1 or 2 A on request)
- Number of cores
- Maximum continuous current ( $I_N$ )
- Maxim. (Short-time) thermal current during 1 sec. (kA)

### CARACTERISTICAS MECANICAS

- Par de apriete de la tornillería
    - Borne / tornillo M 12
    - Tornillo M 5/M 6
  - Peso aproximado
  - Bornes primarios de latón (plateados bajo pedido) con tornillo de acero (cincado y bicromatado)
  - Borne de tierra de acero (cincado y bicromatado)
  - Cubierta bornes secundarios de policarbonato
- Bajo pedido se pueden suministrar de acero cincado y bicromatado.

### MECHANICAL CHARACTERISTICS

- Torque
  - Terminal / screw M 12
  - Screw M 5/M 6
- Aproximate weight
- Primary terminals made of brass (silver-plate on request) with steel (zincado and bi-cromated)
- Ground terminal made of steel (zincado and bi-cromated)
- Secondary terminals cover made of policarbonato. Can be supplied made of zincado and bi-chromed steel on request.

### PRESTACIONES

### SERVICES

| CLASE DE PRECISION<br>ACCURACY CLASS             | POTENCIAS DE PRECISION (VA) PARA LAS DIFERENTES INTENSIDADES TERMICAS (I <sub>tH</sub> )<br>BURDENS (VA) FOR THE FOLLOWING THERMAL CURRENTS (I <sub>tH</sub> ) |        |                    |                    |                    |                    |                    | N° de Secundarios<br>Number of Secondaries |                                    |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------------------------------|------------------------------------|
| NORMAS • STANDARD IEC                            | 100 kA                                                                                                                                                         | 100 kA | 80 I <sub>N</sub>  | 100 I <sub>N</sub> | 150 I <sub>N</sub> | 200 I <sub>N</sub> | 300 I <sub>N</sub> |                                            |                                    |
| 0,2                                              |                                                                                                                                                                | >100   | >100               | >100               | >100               | 80                 | 30                 | Medida Measure                             | Un Secundario One Secondary        |
| 0,5                                              | >100                                                                                                                                                           | >100   | >100               | >100               | >100               | >100               | 50                 |                                            |                                    |
| 1                                                | >100                                                                                                                                                           | >100   | >100               | >100               | >100               | >100               | >100               |                                            |                                    |
| 5P5                                              | >100                                                                                                                                                           | >100   | >100               | >100               | 80                 | 80                 | 40                 | Protección Protection                      | Un Secundario One Secondary        |
| 5P10                                             | 70                                                                                                                                                             | 50     | 80                 | 60                 | 40                 | 30                 | 20                 |                                            |                                    |
| 5P20                                             | 25                                                                                                                                                             | 15     | 30                 | 25                 | 15                 | 10                 |                    |                                            |                                    |
| 0,2                                              |                                                                                                                                                                | 10     | 50                 | 30                 | 30                 | 30                 | 12,5               | Medida + Protección Measure + Protection   | Dos Secundarios Two Secondaries    |
| 5P10                                             |                                                                                                                                                                | 10     | 30                 | 30                 | 20                 | 20                 | 10                 |                                            |                                    |
| 0,2                                              |                                                                                                                                                                |        | 15                 | 15                 | 20                 | 15                 | 7,5                |                                            |                                    |
| 5P20                                             |                                                                                                                                                                |        | 10                 | 15                 | 10                 | 10                 | 5                  | Medida + Protección Measure + Protection   | Dos Secundarios Two Secondaries    |
| 0,5                                              | 50                                                                                                                                                             | 30     | 100                | 100                | 60                 | 40                 | 15                 |                                            |                                    |
| 5P10                                             | 30                                                                                                                                                             | 20     | 50                 | 40                 | 20                 | 20                 | 12,5               |                                            |                                    |
| 0,5                                              |                                                                                                                                                                |        | 60                 | 50                 | 30                 | 25                 | 15                 | Medida + Protección Measure + Protection   | Tres Secundarios Three Secondaries |
| 5P20                                             |                                                                                                                                                                |        | 25                 | 20                 | 10                 | 10                 | 5                  |                                            |                                    |
| 0,2                                              |                                                                                                                                                                |        | 20                 | 20                 | 10                 | 10                 | 5                  |                                            |                                    |
| 5P10                                             |                                                                                                                                                                |        | 5                  | 5                  | 10                 | 10                 | 5                  | Medida + Protección Measure + Protection   | Tres Secundarios Three Secondaries |
| 5P10                                             |                                                                                                                                                                |        | 5                  | 5                  | 10                 | 10                 | 5                  |                                            |                                    |
| 0,2                                              |                                                                                                                                                                |        |                    |                    |                    |                    |                    |                                            |                                    |
| 5P20                                             |                                                                                                                                                                |        |                    |                    |                    |                    |                    | Medida + Protección Measure + Protection   | Tres Secundarios Three Secondaries |
| 5P20                                             |                                                                                                                                                                |        |                    |                    |                    |                    |                    |                                            |                                    |
| 0,5                                              |                                                                                                                                                                |        | 50                 | 40                 | 15                 | 10                 | 7,5                |                                            |                                    |
| 5P10                                             |                                                                                                                                                                |        | 20                 | 15                 | 15                 | 5                  | 5                  | Medida + Protección Measure + Protection   | Tres Secundarios Three Secondaries |
| 5P10                                             |                                                                                                                                                                |        | 25                 | 20                 | 10                 | 5                  | 5                  |                                            |                                    |
| 0,5                                              |                                                                                                                                                                |        |                    | 30                 | 20                 |                    |                    |                                            |                                    |
| 5P20                                             |                                                                                                                                                                |        |                    | 7,5                | 5                  |                    |                    | Medida + Protección Measure + Protection   | Tres Secundarios Three Secondaries |
| 5P20                                             |                                                                                                                                                                |        |                    | 5                  | 5                  |                    |                    |                                            |                                    |
| 5P20                                             |                                                                                                                                                                |        |                    |                    |                    |                    |                    |                                            |                                    |
| Simple Relación Primaria<br>Single Primary Ratio | 2000 A                                                                                                                                                         | 1500 A | Hasta • To 1200 A  | Hasta • To 1000 A  | Hasta • To 600 A   | Hasta • To 500 A   | Hasta • To 300 A   | I <sub>N</sub> max.                        |                                    |
| Doble Relación Primaria<br>Double Primary Ratio  |                                                                                                                                                                |        | Hasta • To 2x600 A | Hasta • To 2x500 A | Hasta • To 2x300 A | Hasta • To 2x250 A | Hasta • To 2x150 A |                                            |                                    |

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

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