



TRANSFORMADORES ORIÓN · CUAUTITLÁN IZCALLI (MEXICO CITY), MEXICO

Instrument transformer · current and potential

Instrument transformers for metering and protection. They isolate the high-voltage circuit from the measuring instruments and reduce voltage and current to standard values.



ORIÓN

CUAUTITLÁN IZCALLI · MEXICO CITY

VOLTAGE CLASS	0.6 – 34.5 kV
TYPES	CT · PT
CURRENT RATIOS	5:5 – 5,000:5 A
STANDARD	IEEE C57.13
WARRANTY	3 years · on quotation

RANGE AS OFFERED

VOLTAGE CLASS	0.6 to 34.5 kV
CURRENT TRANSFORMERS	Window and donut · bar · bushing type
CURRENT RATIOS	5:5 to 5,000:5 A
POTENTIAL RATIOS	480:120 · 4,160:120 · 23,000:120 · 34,500:120 V
TEMPERATURE RISE	55 °C
ACCURACY CLASS AND BURDEN	Set per specification
PRODUCT STANDARD	IEEE C57.13 · IEC · NMX
TEST STANDARD	IEEE · IEC

APPLICATIONS

- ◇ Switchboards and metering panels
- ◇ Substations
- ◇ Power circuit breakers
- ◇ Power transformers

ISSUED WITH THE QUOTATION

- ◇ Impedance, no-load and load losses for the design
- ◇ Outline drawing, dimensions and weight
- ◇ Nameplate and connection diagram
- ◇ Routine test report per serial number

01 SET PER ORDER

US configurations — ratios, taps, bushings, IEEE/ANSI accessories — are set on the drawings for each order and reviewed by Silver River's US-licensed engineer before manufacture.

02 TESTED BEFORE SHIPMENT

Tested on the plant's own bench before shipment: turns ratio, winding resistance, insulation resistance.

03 HOW TO ORDER

Send the specification to info@silverriver.company. The quotation comes from the plant; you contract the manufacturer directly, with Silver River as the US point of accountability.

Manufactured by Manufacturas Eléctricas Orión, S.A. de C.V., Cuautitlán Izcalli (Mexico City), Mexico. Ranges and voltage classes per the plant catalog and transformadoresorion.com, September 2026; photographs from the plant catalog. The manufacturer's warranty is the one stated on the quotation — three years on current export quotations. UL listing status is confirmed per design on the quotation. This sheet is not an offer; the quotation governs.