



TRANSFORMADORES ORIÓN · CUAUTITLÁN IZCALLI (MEXICO CITY), MEXICO

Substation-type power transformer

Liquid-filled three-phase distribution and power transformer, substation type, for overhead or underground systems, built with or without throats.



Transformadores Orión · substation-type unit, throats open · plant catalog

ORIÓN

CUAUTITLÁN IZCALLI · MEXICO CITY

CAPACITY	225 - 3,000 kVA
VOLTAGE CLASS	15 / 25 / 34.5 kV
THROATS	With or without
STANDARD	NMX-J-284
WARRANTY	3 years · on quotation

RANGE AS OFFERED

CAPACITY	225 - 3,000 kVA
PHASES	Three-phase
PRIMARY VOLTAGE CLASS	15 / 25 / 34.5 kV
CONSTRUCTION	With or without throats
COOLING	Self-cooled, liquid-filled (ONAN)
INSULATING LIQUID	Mineral, vegetable or silicone oil
TEMPERATURE RISE	55 · 65 °C
WINDINGS	Electrolytic copper or aluminum
PRODUCT STANDARD	NMX-J-284 · NMX-J-116
TEST STANDARD	NMX-J-169

APPLICATIONS

- ◇ Large industry: cement, steel, paper
- ◇ Rectifier loads
- ◇ Electrical substations
- ◇ Underground transit systems
- ◇ Hotels, hospitals and commercial buildings

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 to the NMX-J series — NMX-J-169 for the test methods, NMX-J-123 for the insulating oil — on the plant's own bench: turns ratio, winding resistance, insulation resistance, dielectric strength of the oil.

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.