



TRANSFORMADORES ORIÓN · CUAUTITLÁN IZCALLI (MEXICO CITY), MEXICO

Product range

Liquid-filled and dry-type under one roof at the Cuautitlán Izcalli plant, building since 1987: pad-mounted, pole, substation, submersible and grounding units to 3,000 kVA and 34.5 kV, and a dry-type line from 50 VA control transformers to 3,000 kVA medium-voltage units. One sheet per product follows.

SHEETS IN THIS FILE

SHEET	PRODUCT	CAPACITY	VOLTAGE	STANDARD / INSULATION
SR-DS-201	THREE-PHASE PAD-MOUNTED TRANSFORMER	30 - 2,500 kVA	15 / 25 / 34.5 kV	NMX-J-285
SR-DS-202	SINGLE-PHASE PAD-MOUNTED TRANSFORMER	25 - 100 kVA	15 / 25 kV	NMX-J-285
SR-DS-203	THREE-PHASE POLE-TYPE TRANSFORMER	15 - 150 kVA	15 / 25 / 34.5 kV	NMX-J-116
SR-DS-204	SUBSTATION-TYPE POWER TRANSFORMER	225 - 3,000 kVA	15 / 25 / 34.5 kV	NMX-J-284
SR-DS-205	SINGLE-PHASE SUBMERSIBLE TRANSFORMER	25 - 167 kVA	15 / 25 / 34.5 kV	NMX-J-287
SR-DS-206	THREE-PHASE SUBMERSIBLE TRANSFORMER	75 - 500 kVA	15 / 25 / 34.5 kV	NMX-J-287
SR-DS-207	ZIG-ZAG GROUNDING TRANSFORMER	Per specification	15 / 25 / 34.5 kV	NMX-J-284
SR-DS-208	ENCAPSULATED DRY-TYPE TRANSFORMER	30 - 2,500 kVA	5 - 34.5 kV	NMX-J-351-1
SR-DS-209	CONTROL TRANSFORMER	50 - 1,500 VA	0.6 kV	NMX · NOM
SR-DS-210	SINGLE-PHASE DRY-TYPE TRANSFORMER	2 - 100 kVA	to 15 kV	NMX-J-351-1
SR-DS-211	THREE-PHASE DRY-TYPE TRANSFORMER	3 - 750 kVA	1.2 kV	NMX-J-351-1
SR-DS-212	MEDIUM-VOLTAGE DRY-TYPE TRANSFORMER	45 - 3,000 kVA	15 / 25 / 34.5 kV	NMX-J-351-1
SR-DS-213	AUTOTRANSFORMER FOR MOTOR STARTERS	15 - 500 HP	220 / 440 / 480 V	NMX-J-328
SR-DS-214	INSTRUMENT TRANSFORMER	5:5 - 5,000:5 A	0.6 - 34.5 kV	IEEE C57.13
SR-DS-215	ULTRATEC HQ ENCLOSED DRY-TYPE TRANSFORMER	15 - 2,500 kVA	1.2 - 34.5 kV	NMX-J-351-1

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 file is not an offer; the quotation governs.



TRANSFORMADORES ORIÓN · CUAUTITLÁN IZCALLI (MEXICO CITY), MEXICO

Three-phase pad-mounted transformer

Liquid-filled three-phase pad-mounted transformer for underground distribution, loop or radial feed. Minimum footprint, and safe in public places: no energized parts are accessible from outside the cabinet.



Transformadores Orión · three-phase pad-mounted unit, doors open · plant catalog

ORIÓN

CUAUTITLÁN IZCALLI · MEXICO CITY

CAPACITY	30 - 2,500 kVA
VOLTAGE CLASS	15 / 25 / 34.5 kV
PHASES	3-phase
STANDARD	NMX-J-285
WARRANTY	3 years · on quotation

RANGE AS OFFERED

CAPACITY	30 - 2,500 kVA
PHASES	Three-phase
PRIMARY VOLTAGE CLASS	15 / 25 / 34.5 kV
FEED	Loop or radial
COOLING	Self-cooled, liquid-filled (ONAN)
INSULATING LIQUID	Mineral oil or natural ester (FR3)
TEMPERATURE RISE	55 · 65 · 55/65 °C
WINDINGS	Copper or aluminum
PRODUCT STANDARD	NMX-J-285
TEST STANDARD	NMX-J-169

APPLICATIONS

- ◇ Underground distribution systems
- ◇ Commercial and resort developments
- ◇ Office and residential buildings
- ◇ Hospitals, hotels and universities
- ◇ Wind farms and small to mid-size industry

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.



TRANSFORMADORES ORIÓN · CUAUTITLÁN IZCALLI (MEXICO CITY), MEXICO

Single-phase pad-mounted transformer

Liquid-filled single-phase pad-mounted transformer for underground distribution, loop or radial feed. Minimum footprint, and safe in public places: no energized parts are accessible from outside the cabinet.



Transformadores Orión · single-phase pad-mounted unit, hood open · plant catalog

ORIÓN

CUAUTITLÁN IZCALLI · MEXICO CITY

CAPACITY	25 - 100 kVA
VOLTAGE CLASS	15 / 25 kV
PHASES	1-phase
STANDARD	NMX-J-285
WARRANTY	3 years · on quotation

RANGE AS OFFERED

CAPACITY	25 - 100 kVA
PHASES	Single-phase
PRIMARY VOLTAGE CLASS	15 / 25 kV
CONNECTION	Line-to-line or line-to-ground (YT)
FEED	Loop or radial
COOLING	Self-cooled, liquid-filled (ONAN)
INSULATING LIQUID	Mineral, vegetable or silicone oil
TEMPERATURE RISE	55 · 65 °C
PRODUCT STANDARD	NMX-J-285
TEST STANDARD	NMX-J-169

APPLICATIONS

- ◇ Underground distribution systems
- ◇ Shops, office and residential buildings
- ◇ Hospitals and hotels
- ◇ Industrial parks
- ◇ Shopping centers

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.



TRANSFORMADORES ORIÓN · CUAUTITLÁN IZCALLI (MEXICO CITY), MEXICO

Three-phase pole-type transformer

Liquid-filled three-phase distribution transformer for overhead networks, feeding residential, commercial and industrial loads.



Transformadores Orión · three-phase pole unit, 34.5 kV class
· plant catalog

ORIÓN

CUAUTITLÁN IZCALLI · MEXICO CITY

CAPACITY	15 - 150 kVA
VOLTAGE CLASS	15 / 25 / 34.5 kV
PHASES	3-phase
STANDARD	NMX-J-116
WARRANTY	3 years · on quotation

RANGE AS OFFERED

CAPACITY	15 - 150 kVA
PHASES	Three-phase
PRIMARY VOLTAGE CLASS	15 / 25 / 34.5 kV
MOUNTING	Pole, overhead lines
COOLING	Self-cooled, liquid-filled (ONAN)
INSULATING LIQUID	Mineral or vegetable oil
TEMPERATURE RISE	55 · 65 · 55/65 °C
WINDINGS	Copper or aluminum
PRODUCT STANDARD	NMX-J-116 · CFE NRF-025
TEST STANDARD	NMX-J-169

APPLICATIONS

- ◇ Rural and urban overhead lines
- ◇ Residential subdivisions
- ◇ Industry and commerce
- ◇ Recreation centers
- ◇ Pumping wells

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.



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.



TRANSFORMADORES ORIÓN · CUAUTITLÁN IZCALLI (MEXICO CITY), MEXICO

Single-phase submersible transformer

Liquid-filled single-phase transformer for vault installation in underground systems. Saves surface space, and sits out of reach of weather and vandalism.



Transformadores Orión · 37.5 kVA single-phase submersible unit · plant catalog

ORIÓN

CUAUTITLÁN IZCALLI · MEXICO CITY

CAPACITY	25 - 167 kVA
VOLTAGE CLASS	15 / 25 / 34.5 kV
PHASES	1-phase
STANDARD	NMX-J-287
WARRANTY	3 years · on quotation

RANGE AS OFFERED

CAPACITY	25 - 167 kVA
PHASES	Single-phase
PRIMARY VOLTAGE CLASS	15 / 25 / 34.5 kV
CONNECTION	Line-to-line or line-to-ground (YT)
INSTALLATION	Vault, underground
COOLING	Self-cooled, liquid-filled (ONAN)
INSULATING LIQUID	Mineral, vegetable or silicone oil
TEMPERATURE RISE	55 · 65 °C
PRODUCT STANDARD	NMX-J-287
TEST STANDARD	NMX-J-169

APPLICATIONS

- ◇ Underground distribution systems
- ◇ Commercial and resort developments
- ◇ Office and residential buildings
- ◇ Hospitals and hotels

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.



TRANSFORMADORES ORIÓN · CUAUTITLÁN IZCALLI (MEXICO CITY), MEXICO

Three-phase submersible transformer

Liquid-filled three-phase transformer for vault installation in underground systems, loop or radial feed. Saves surface space, and sits out of reach of weather and vandalism.



Transformadores Orión · 75 kVA three-phase submersible unit · plant catalog

ORIÓN

CUAUTITLÁN IZCALLI · MEXICO CITY

CAPACITY	75 - 500 kVA
VOLTAGE CLASS	15 / 25 / 34.5 kV
PHASES	3-phase
STANDARD	NMX-J-287
WARRANTY	3 years · on quotation

RANGE AS OFFERED

CAPACITY	75 - 500 kVA
PHASES	Three-phase
PRIMARY VOLTAGE CLASS	15 / 25 / 34.5 kV
INSTALLATION	Vault, underground
FEED	Loop or radial
COOLING	Self-cooled, liquid-filled (ONAN)
INSULATING LIQUID	Mineral, vegetable or silicone oil
TEMPERATURE RISE	55 · 65 °C
PRODUCT STANDARD	NMX-J-287
TEST STANDARD	NMX-J-169

APPLICATIONS

- ◇ Underground distribution systems
- ◇ Commercial and resort developments
- ◇ Office and residential buildings
- ◇ Hospitals and hotels

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.



TRANSFORMADORES ORIÓN · CUAUTITLÁN IZCALLI (MEXICO CITY), MEXICO

Zig-zag grounding transformer

Liquid-filled grounding transformer, zig-zag connected. It gives a ground reference to a system that has none — typically the delta side of the main transformer at a wind or solar plant — and isolates system faults to protect the generating equipment and the receiving substation.



Transformadores Orión · zig-zag grounding unit with conservator · plant catalog

ORIÓN

CUAUTITLÁN IZCALLI · MEXICO CITY

CAPACITY	Per specification
VOLTAGE CLASS	15 / 25 / 34.5 kV
CONNECTION	Zig-zag
STANDARD	NMX-J-284
WARRANTY	3 years · on quotation

RANGE AS OFFERED

CAPACITY	Per specification
FUNCTION	System grounding reference
CONNECTION	Zig-zag
VOLTAGE CLASS	15 / 25 / 34.5 kV
COOLING	Self-cooled, liquid-filled (ONAN)
FAULT DUTY AND NEUTRAL CURRENT	Set per specification
DESIGN SPECIFICATION	CFE K0000-15
PRODUCT STANDARD	NMX-J-284
TEST STANDARD	NMX-J-169

APPLICATIONS

- ◇ Wind and solar generating plants
- ◇ Systems with no ground reference
- ◇ Delta side of a main transformer

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.



TRANSFORMADORES ORIÓN · CUAUTITLÁN IZCALLI (MEXICO CITY), MEXICO

Encapsulated dry-type transformer

Three-phase dry-type transformer with coils cast in epoxy resin, for low- and medium-voltage service. No liquid to contain, insulation that does not propagate flame or absorb moisture, minimal maintenance.



Transformadores Orión · encapsulated three-phase core and coil · plant catalog

ORIÓN

CUAUTITLÁN IZCALLI · MEXICO CITY

CAPACITY	30 - 2,500 kVA
VOLTAGE CLASS	5 - 34.5 kV
COOLING	AM
STANDARD	NMX-J-351-1
WARRANTY	3 years · on quotation

RANGE AS OFFERED

CAPACITY	30 - 2,500 kVA
PHASES	Three-phase
VOLTAGE CLASS	5 - 34.5 kV
CONSTRUCTION	Coils cast in epoxy resin
COOLING	Dry type, AM
INSULATION CLASS	B 80 · F 115 · H 150 °C rise
K-FACTOR	Designs for non-linear loads
ENCLOSURE	NEMA 1 · 3R · 12
PRODUCT STANDARD	NMX-J-351-1
TEST STANDARD	NMX-J-351-2

APPLICATIONS

- ◇ Office buildings, hospitals and hotels
- ◇ Shopping centers
- ◇ Industrial process plants
- ◇ Lighting and substation station service
- ◇ Motor supplies

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 — NMX-J-351-2 for dry-type units: 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.



TRANSFORMADORES ORIÓN · CUAUTITLÁN IZCALLI (MEXICO CITY), MEXICO

Control transformer

Dry-type single-phase control transformer for panel duty, model CM06. Insulation that does not propagate flame; also built encapsulated.



Transformadores Orión · control transformer · plant catalog

ORIÓN

CUAUTITLÁN IZCALLI · MEXICO CITY

CAPACITY	50 - 1,500 VA
VOLTAGE CLASS	0.6 kV
COOLING	AA
STANDARD	NMX · NOM
WARRANTY	3 years · on quotation

RANGE AS OFFERED

CAPACITY	50 - 1,500 VA
PHASES	Single-phase, 60 Hz
VOLTAGE CLASS	0.6 kV · to 600 V
COMMON RATIOS	480/240-120 · 480-120 · 440/220-110 · 120-24 V
COOLING	Dry type, AA
INSULATION CLASS	B · 80 °C rise
TERMINALS	Spade lugs · Kulka-type terminal strip
CONSTRUCTION	Open core and coil; encapsulated to order
STANDARDS	NMX · NOM, per the plant

APPLICATIONS

- ◇ Electrical control panels
- ◇ Solenoids, valves and contactors
- ◇ Rectifiers
- ◇ Pilot lamps

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.

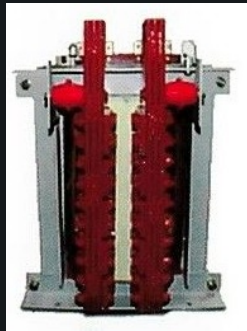
Manufactured by Manufacturas Eléctricas Orión, S.A. de C.V., Cuautitlán Izcalli (Mexico City), Mexico. Ranges and voltage classes per the plant catalog and transformadoresorion.com, September 2026; photographs from the plant catalog. The manufacturer's warranty is the one stated on the quotation — three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



TRANSFORMADORES ORIÓN · CUAUTITLÁN IZCALLI (MEXICO CITY), MEXICO

Single-phase dry-type transformer

Single-phase dry-type transformer. Insulation that does not propagate flame or absorb moisture, and that withstands overload peaks within the normal duty cycle.



Transformadores Orión · single-phase dry-type core and coil · plant catalog

ORIÓN

CUAUTITLÁN IZCALLI · MEXICO CITY

CAPACITY	2 - 100 kVA
VOLTAGE CLASS	to 15 kV
COOLING	AM
STANDARD	NMX-J-351-1
WARRANTY	3 years · on quotation

RANGE AS OFFERED

CAPACITY	2 - 100 kVA
PHASES	Single-phase
VOLTAGE CLASS	to 15 kV
COOLING	Dry type, AM
INSULATION CLASS	B 80 · F 115 · H 150 °C rise
K-FACTOR	Designs for non-linear loads
ENCLOSURE	NEMA 1 · 3R · 12
WINDINGS	Electrolytic copper or aluminum
PRODUCT STANDARD	NMX-J-351-1
TEST STANDARD	NMX-J-351-2

APPLICATIONS

- ◇ Office buildings, hospitals and hotels
- ◇ Shopping centers
- ◇ Industrial process plants
- ◇ Lighting and station service
- ◇ Switchboards and motor supplies

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 — NMX-J-351-2 for dry-type units: 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.

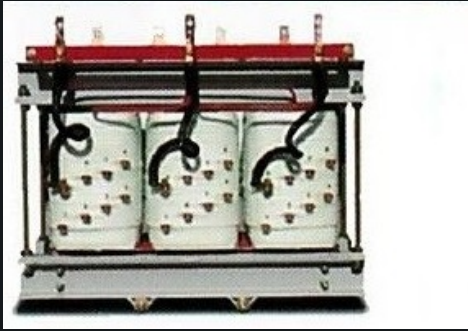
Manufactured by Manufacturas Eléctricas Orión, S.A. de C.V., Cuautitlán Izcalli (Mexico City), Mexico. Ranges and voltage classes per the plant catalog and transformadoresorion.com, September 2026; photographs from the plant catalog. The manufacturer's warranty is the one stated on the quotation — three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



TRANSFORMADORES ORIÓN · CUAUTITLÁN IZCALLI (MEXICO CITY), MEXICO

Three-phase dry-type transformer

Low-voltage three-phase dry-type transformer. Insulation that does not propagate flame or absorb moisture; minimal maintenance: dust removal, cleaning and re-torquing of terminals.



Transformadores Orión · three-phase dry-type core and coil · plant catalog

ORIÓN

CUAUTITLÁN IZCALLI · MEXICO CITY

CAPACITY	3 - 750 kVA
VOLTAGE CLASS	1.2 kV
COOLING	AM
STANDARD	NMX-J-351-1
WARRANTY	3 years · on quotation

RANGE AS OFFERED

CAPACITY	3 - 750 kVA
PHASES	Three-phase
VOLTAGE CLASS	1.2 kV · BIL 10 kV
CONNECTIONS	Delta-wye · wye-delta · wye-wye
COOLING	Dry type, AM
INSULATION CLASS	B 80 · F 115 · H 150 °C rise
K-FACTOR	Designs for non-linear loads; autotransformers
ENCLOSURE	NEMA 1 · 3R · 12
PRODUCT STANDARD	NMX-J-351-1
TEST STANDARD	NMX-J-351-2

APPLICATIONS

- ◇ Commercial centers, clinics and hospitals
- ◇ Industrial plants
- ◇ Residential buildings
- ◇ Renewable generating plants
- ◇ UPS integration

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 — NMX-J-351-2 for dry-type units: 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.



TRANSFORMADORES ORIÓN · CUAUTITLÁN IZCALLI (MEXICO CITY), MEXICO

Medium-voltage dry-type transformer

Enclosed three-phase dry-type transformer with medium-voltage primary and vacuum-pressure impregnated coils, for indoor or outdoor service. No liquid to contain and insulation that does not propagate flame.



Transformadores Orión · enclosed medium-voltage dry-type unit
· plant catalog

ORIÓN

CUAUTITLÁN IZCALLI · MEXICO CITY

CAPACITY	45 - 3,000 kVA
VOLTAGE CLASS	15 / 25 / 34.5 kV
COOLING	AM
STANDARD	NMX-J-351-1
WARRANTY	3 years · on quotation

RANGE AS OFFERED

CAPACITY	45 - 3,000 kVA
PHASES	Three-phase
PRIMARY VOLTAGE CLASS	15 / 25 / 34.5 kV
CONSTRUCTION	Vacuum-pressure impregnated (VPI) coils
COOLING	Dry type, AM
INSULATION CLASS	B 80 · F 115 · H 150 °C rise
K-FACTOR	Designs available
ENCLOSURE	NEMA 1 · NEMA 3R
PRODUCT STANDARD	NMX-J-351-1
TEST STANDARD	NMX-J-351-2

APPLICATIONS

- ◇ Industry, clinics and hospitals
- ◇ Shopping centers and hotels
- ◇ Industrial process plants
- ◇ Substation station service
- ◇ Motor supplies

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 — NMX-J-351-2 for dry-type units: 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.

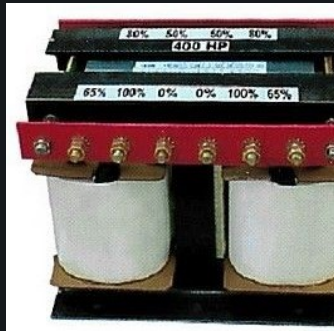
Manufactured by Manufacturas Eléctricas Orión, S.A. de C.V., Cuautitlán Izcalli (Mexico City), Mexico. Ranges and voltage classes per the plant catalog and transformadoresorion.com, September 2026; photographs from the plant catalog. The manufacturer's warranty is the one stated on the quotation — three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



TRANSFORMADORES ORIÓN · CUAUTITLÁN IZCALLI (MEXICO CITY), MEXICO

Autotransformer for motor starters

Dry-type autotransformer for automatic reduced-voltage motor starters up to 600 V, models AHP-SD and AHP-SI. Insulation that does not propagate flame. Can be built up to 15 kV class.



Transformadores Orión · starting autotransformer, 400 HP · plant catalog

ORIÓN

CUAUTITLÁN IZCALLI · MEXICO CITY

RATING	15 - 500 HP
LINE VOLTAGE	220 / 440 / 480 V
TAPS	50 / 65 / 80 %
STANDARD	NMX-J-328
WARRANTY	3 years · on quotation

RANGE AS OFFERED

RATING	15 - 500 HP
LINE VOLTAGE	220 · 440 · 480 V
TAPS	50, 65 and 80 % of rated voltage
VOLTAGE CLASS	1.2 kV, 60 Hz · to 15 kV class to order
COOLING	Dry type, air
INSULATION CLASS	B · 80 °C rise
STARTING DUTY	10 starts per hour, 12 s each (AHP-SI)
PRODUCT STANDARD	NMX-J-328

APPLICATIONS

- ◇ Automatic motor starters up to 600 V
- ◇ Reduced-voltage starting at 50, 65 or 80 % taps

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.



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.



TRANSFORMADORES ORIÓN · CUAUTITLÁN IZCALLI (MEXICO CITY), MEXICO

Ultratec HQ enclosed dry-type transformer

The plant's high-efficiency enclosed dry-type line. Insulation that does not absorb moisture or propagate flame, and that withstands overload peaks within the normal duty cycle. Minimal maintenance.



Transformadores Orión · Ultratec HQ enclosed unit · plant catalog

ORIÓN

CUAUTITLÁN IZCALLI · MEXICO CITY

CAPACITY	15 - 2,500 kVA
VOLTAGE CLASS	1.2 - 34.5 kV
COOLING	AM
STANDARD	NMX-J-351-1
WARRANTY	3 years · on quotation

RANGE AS OFFERED

CAPACITY	15 - 2,500 kVA
PHASES	Three-phase
VOLTAGE CLASS	1.2 - 34.5 kV
DESIGN	High efficiency, per the plant
COOLING	Dry type, AM
INSULATION CLASS	B 80 · F 115 · H 150 °C rise
K-FACTOR	Designs for non-linear loads
ENCLOSURE	NEMA 1 · 3R · 12
PRODUCT STANDARD	NMX-J-351-1
TEST STANDARD	NMX-J-351-2

APPLICATIONS

- ◇ Office buildings, hospitals and hotels
- ◇ Shopping centers
- ◇ Industrial process plants
- ◇ Lighting and station service
- ◇ Motor supplies

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 — NMX-J-351-2 for dry-type units: 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.