

UL-3R Enclosures

SINGLE PHASE, .05 to .150 kVA



FEATURES

- **UL listed, CSA certified and UL-3R enclosure** meets or exceeds all listing criteria including NEMA, ANSI and OSHA standards.
- **Easy and convenient installation** to meet your requirements, the transformer can be mounted in any position.
- **Long Life** UL class 130°C insulation system. Transformers can be banked for three phase service.
- **Large wiring compartment**, no conduit or pull boxes required. Front access for wiring ease. Wiring compartment remains cool.
- **Completely enclosed** UL-3R enclosure for indoor/outdoor service. Rugged non-ventilated construction.
- **Plenty of knockouts** for multi-directional entry.
- **All copper lead wire terminations.**
- **Ground studs** for use with non-metallic conduit.

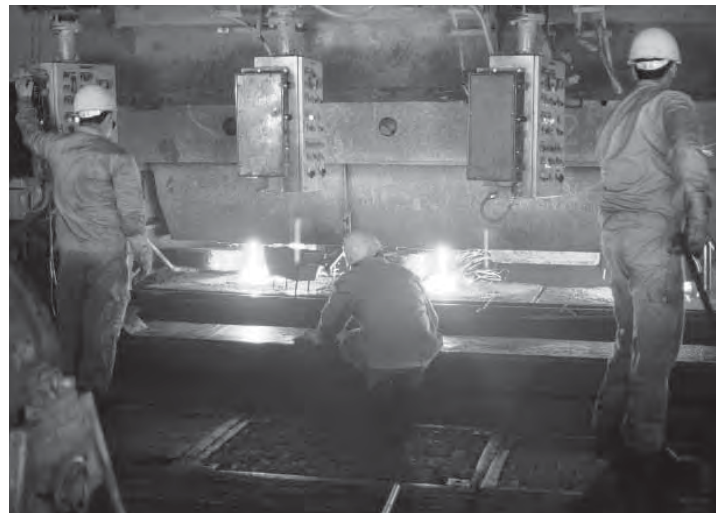
SINGLE PHASE, .250 to 25 kVA



- **Installation** keyhole mounting slots for mounting bolts prior to installation. Mounting slots are accessible from the front. Lifting ears are included on 3 to 25 kVA units.
- **Wiring** flexible copper leadwire terminations for easy connections outside the front access wiring compartment. Dual size knockouts in both sides and the bottom of the wiring compartment for greater wiring convenience and flexibility.

FEATURES

- **UL listed, CSA certified and UL-3R enclosures** meets or exceeds all listing criteria including NEMA, ANSI and OSHA standards.
- **Shielded** for cleaner power.
- **Encapsulated and completely enclosed design** electrical grade silica and resin compounds completely enclose the core and coil to seal out all moisture and air. UL Type 3R enclosure for indoor or outdoor service. Encapsulation eliminates corrosion and insulation deterioration.
- **Quiet operation** with sound levels well below NEMA standards.
- **Long life** UL class 155°C insulation system. 115°C rise thru .750 kVA; 180°C insulation system, 115°C rise, 1 kVA and above.



Shielded Power in Many Design Styles

THREE PHASE 3 to 75 kVA



316 STAINLESS STEEL TRANSFORMERS

FEATURES

- 3R enclosure.
- Comply with NEC Class 1, Division 2, when installed per NEC 501-2 (b).
- Encapsulated construction.
- Single phase: 0.25 – 25 kVA.
Three phase: 3 – 7.5 kVA.
- Core and Coil assembly completely encapsulated in polyester or epoxy seals out all moisture, eliminating corrosion and deterioration of insulation.
- Electrostatic shielding.

APPLICATIONS

- Harsh industrial locations
- Corrosive chemical exposure
- Waste water treatment facilities
- Coastal or marine applications with high salt mist
- Any application where painted cold roll steel is not adequate

FEATURES

- **UL listed, CSA certified and UL-3R enclosure** meets or exceeds all listing criteria including NEMA, ANSI and OSHA standards.
- **UL Class** 180°C insulation system. 115°C rise.
- **Extra** large front access wiring compartment through 9 kVA; top access through 75 kVA for easier installation and cooler case temperatures.
- **Completely enclosed** — suitable for indoor/outdoor service. Consult selection charts for details. Excellent for dust or lint laden atmosphere.
- **Encapsulated** — electrical grade silica and resin compound completely encloses the core and coil. Encapsulation seals out all moisture and air, eliminating corrosion and insulation deterioration.
- **High efficiency** and excellent regulation.
- **Sound levels** below NEMA standards.
- **Keyhole mounting slots** permit installation of mounting bolts prior to hanging transformer and are accessible from the front. Lifting ears for easy installation.
- **Wiring connections** can be made outside of wiring compartment due to the use of flexible leads.
- **3-9 kVA** provided with dual size knockouts in sides and bottom of wiring compartment.
- **Termination** — copper lead wire.
- **Electrostatic shielding** provided on all 60 Hz isolation transformers.

NOTE: Units above 15 kVA apply to Groups F and K.





LN SERIES LOW NOISE TRANSFORMERS

FEATURES

- 3 db below NEMA standard (LN3).
- Contact factory for 5 db below.
- Encapsulated construction.
- Three phase: 30 – 225 kVA, 480 Delta to 208Y/120.
30 – 225 kVA, 480 Delta to 208Y/120.
- NEMA TP1 option available (contact factory).
- Aluminum windings standard.
- Copper windings available (contact factory).
- NEMA 2 enclosures (3R with weather shield).
- 220°C Insulation with 150°C Rise.
- Electrostatic shielding.

SINGLE PHASE 37.5 to 250 kVA
THREE PHASE 25 to 1000 kVA

FEATURES

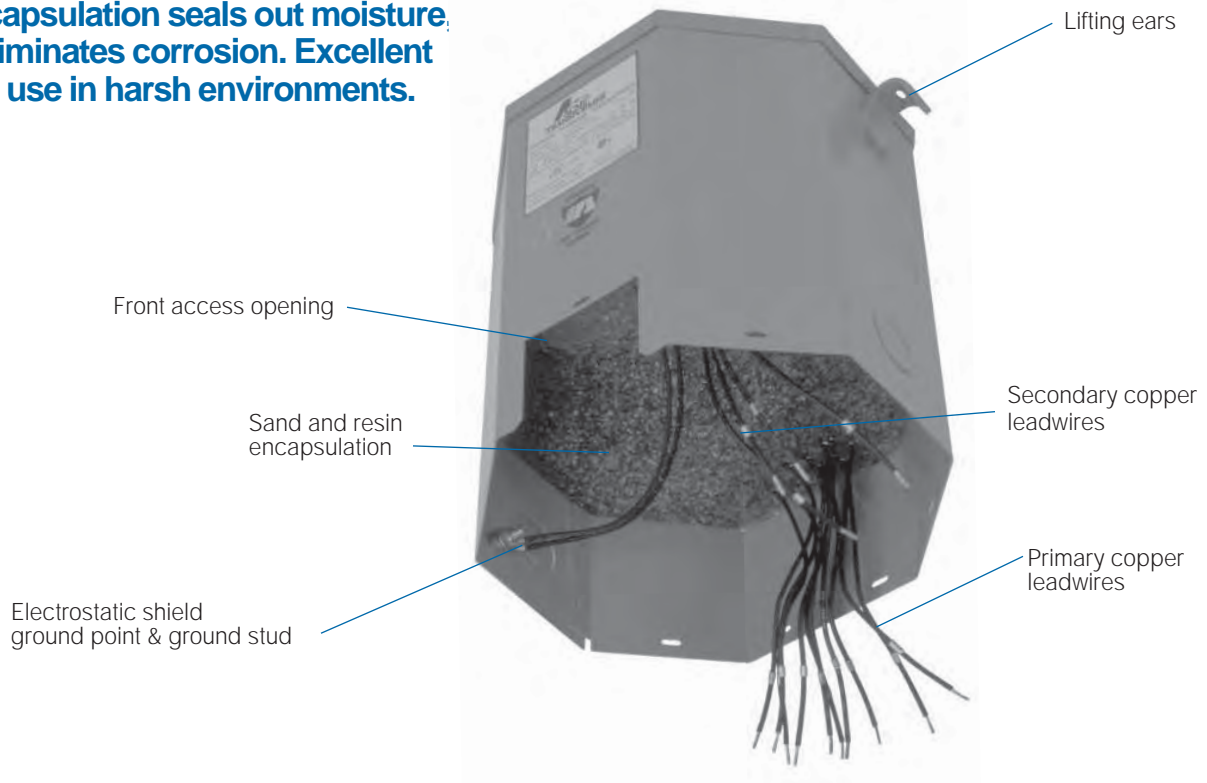
- **With weather shield, UL Type 3R enclosure** type 2 enclosure without weather shield. UL listed and CSA certified.
- **UL Class 220°C** insulation system, 150°C rise.
- **Extra large wiring** compartment for easier installation and cooler case temperatures.
- **NEMA standard bus bar terminals**, no special tools needed to make clearly marked connections. Tap changing easily accomplished with jumpers.
- **Aluminum windings** for increased insulation life, cooler operation, lower losses.
- **Noise and vibration isolating pads** standard to assure quiet operation.
- **Large permanently legible nameplates** on front.
- **Single phase units** can be banked for 3 phase service.
- **All units have ground studs** for use with non-metallic conduit.
- **Suitable for wall or “trapeze” mounting.** Wall brackets are available for units up to 50 kVA single and 75 kVA three phase.
- **Other models** are available with class 220°C insulation and either 115°C or 80°C rise operating temperature. Refer to Opti-Miser® Section.
- **Termination** — single phase 37.5 to 100 kVA, copper bus; 167 to 250 kVA, aluminum bus. Three phase 27 to 225 kVA, copper bus; 275 to 1000 kVA, aluminum bus.
- **Electrostatic shielding** provided on all 60 Hz isolation transformers.
- **Electrostatic shielding** not available on Groups D1 and G1.

APPLICATIONS

- Theaters
- Hospitals
- Educational facilities
- Office buildings
- Any application where transformers need to be installed in or near occupied areas
- Churches
- Libraries



Resin Encapsulation seals out moisture, dirt and eliminates corrosion. Excellent choice for use in harsh environments.



Wound Core construction for lower losses and quiet operation.

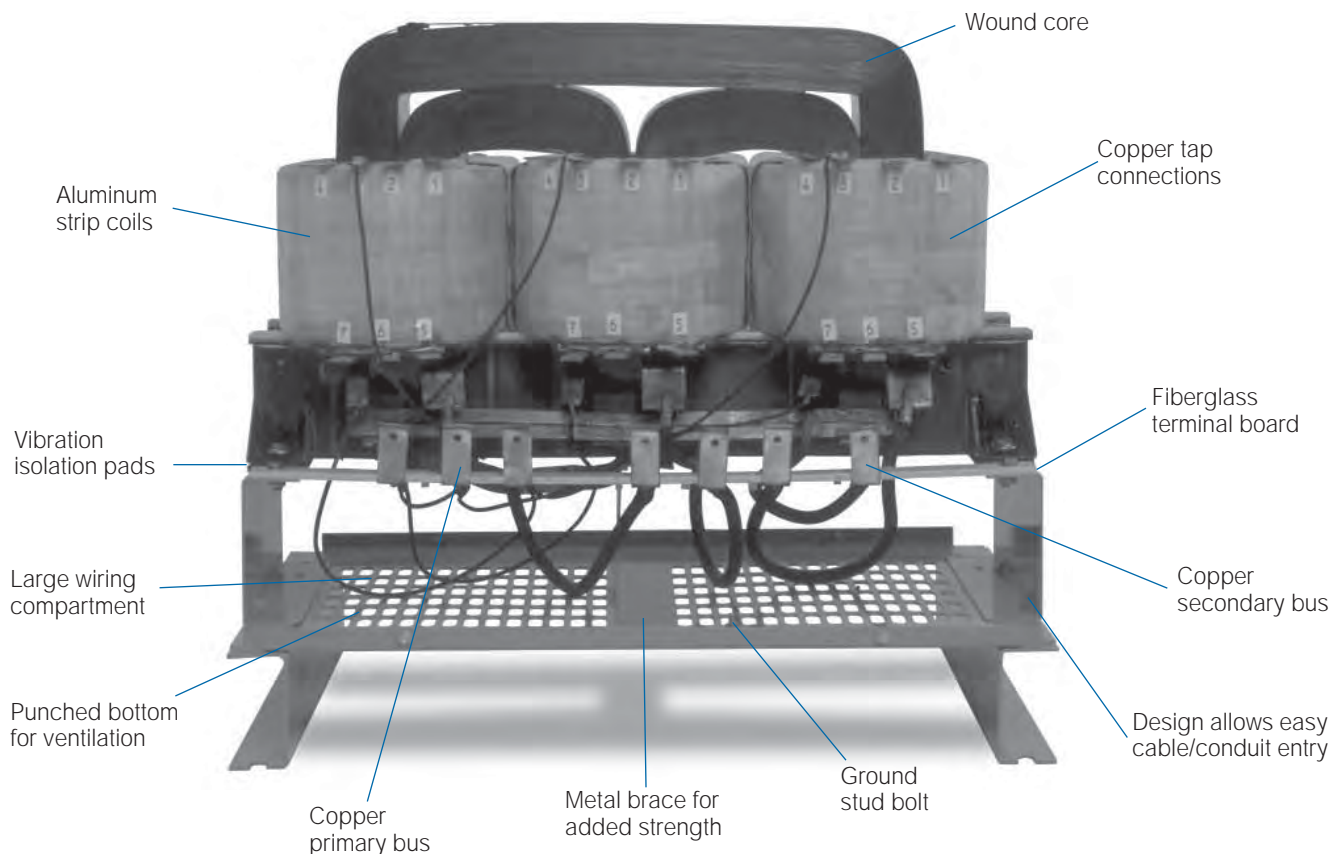


Photo representative of Drive Isolation Transformer

NOTE: These photographs are for illustration purposes only. Please contact factory for construction details.