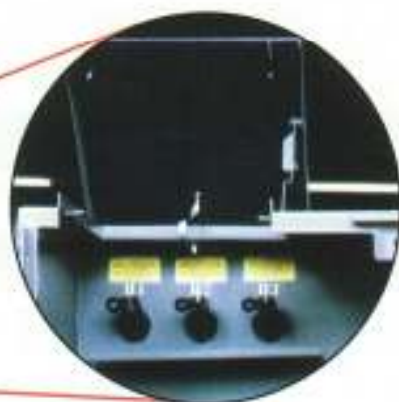
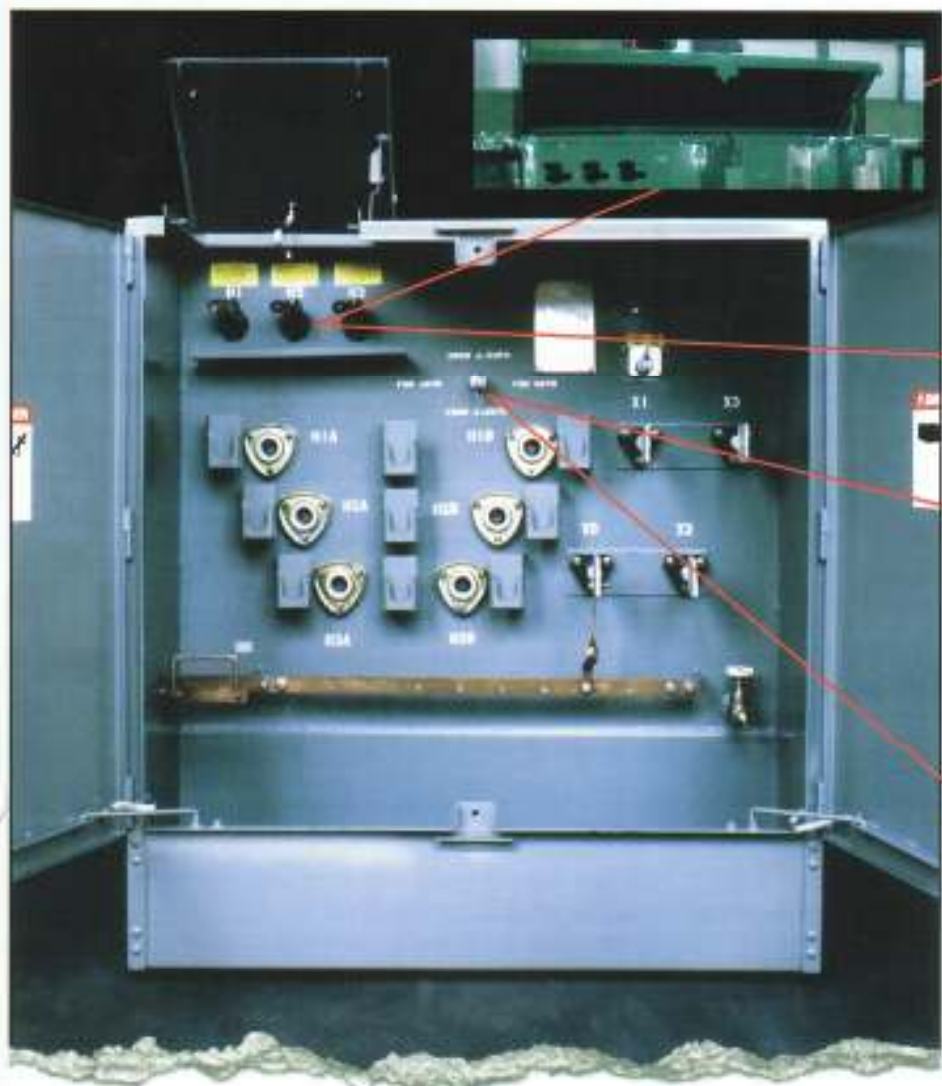




MOLONEY ELECTRIC



Tamperproof compartment openings are designed for easy utility access to fusing arrangement which can be provided for all voltage applications.



Load Break switches are available in various configurations to meet your specific requirements.

Pad Mounted Three Phase Transformers - 75 kVA to 3000 kVA

Moloney Electric has been a leader in the transformer market for almost a century, and all of that experience and expertise is evident in the quality of our Three Phase Pad Mounted Transformer, the latest in our family of high quality distribution transformers.

This rugged transformer is designed for use on a typical underground distribution system. The tamper resistant construction of the cable compartment makes it ideal for operation in an unfenced area.

Like all of Moloney's distribution transformers, the Three Phase Pad Mount is built to provide low maintenance costs, enhance performance, extend product life, and reduce downtime revenue losses. All of these factors combine to give you the lowest possible total cost of ownership, and our ISO 9001 certification is your assurance of consistent quality.

Extremely competitive delivery times are part of the outstanding service we offer to all customers. However, even faster service and more savings are available through our exclusive Partnership & Strategic Alliance Program. Please call for details.

Product Features

- Quality Control Programs per ISO 9001
- Core & coils design-optimized for best total ownership cost.
- 3D Computer Aided Design (C.A.D.)
- Meet or exceeds the performance requirements for coatings and security per ANSI C57.12.28/12.29
- Compartment locking by means of two pentahed bolts plus provision for recessed padlock
- Bolted-on front sill is easily removed for maintenance.
- Variety of switching configurations available.
- Dual Voltage designs configured for short circuit and impulse capability on both connections.

Standards

Units are built in accordance with applicable standards such as CSA C227.4, CEA DTWG-03, or ANSI C57.26

Rating Specifications

Common details and varieties are listed as follows. Information on other requirements can be obtained through your Moloney representative.

- kVA: 45 through 3000
- Temperature rise: 65° C
- Cooling types: ONAN, LNaN, OA
- Three Phase • 60 or 50 Hz
- Available in both standard mild steel and stainless steel
- High Voltage: 2400 through 34500 GrdY/19920
- Low Voltage: 208Y/120, 480Y/277, 600Y/347
- Taps: none; or 4-2.5% HV, 2 full capacity above normal, 2 reduced capacity below normal
- Primary Feed: Radial or loop
- HV Bushings: Wells with replaceable stud (inserts extra)
- Switching: Load-break "On/Off", or four position load-break for full sectionalizing are available.
- Optional Accessories available. Oil-maintenance package consisting of Upper Filter Press Connection, Drain Valve, Top Oil Thermometer, Oil Level Gauge
- Fusing per Phase:
 - ① Bayonet plus back-up current limiting fuse under oil (i.e. Combination Fusing)
 - ② Bayonet plus Isolation Link, or
 - ③ Current limiting full range fuse in dry well canister.Application of fusing methods ①, ②, and ③ is subject to limitations of kVA and voltage because of constraints on physical size and availability of appropriate fuse ratings.
- Automatic Pressure Relief Valve
- Insulation Classes: 25 kV, 150 kV BIL and below

Product Testing

Tests are performed in accordance with the applicable standard.

(a) Following tests are performed on each unit.

- ratio on each voltage connection including tap connections
- angular displacement
- exciting current at rated voltage
- no load loss at rated voltage, load losses and impedance at rated current
- combination applied and induced voltage
- pressure test at 50 kPa

(b) Type Tests (for one unit on an order, or omitted if equivalent data is available):

- resistance of HV and LV windings at rated voltage connections
- temperature rise
- impulse on HV winding
- radio influence voltage

Moloney Electric's line of distribution transformers also includes Single Phase - 10 to 1,000 kVA to 46 kV; Single Phase Pad Mount - 25 to 167 kVA; Single Phase Submersible - 25 to 500 kVA; and Three Phase Polemount/Platform - 30 to 1000 kVA. Complete specifications available on request. Contact our local sales office or agent.



MOLONEY ELECTRIC

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Hammond Operating Groups and Subsidiary Companies:

- ◆ Hammond Manufacturing Transformer Group
 - Canada - Guelph & Walkerton, Ontario
 - United States - Baraboo, Wisconsin & Los Angeles, California
- ◆ Hammond Cabinetry - Guelph, Ontario
- ◆ Hammond Electronics - Waterloo, Ontario

WORKING TOGETHER, WINNING TOGETHER