

3-Phase Pad Mount Features

Standard Features

- Meets or exceeds current ANSI, NEMA, and RUS standards as applicable
- Full compliance with ANSI C57.12.28 enclosure integrity standards
- Externally clamped universal high-voltage bushing wells for dead front applications (three for radial feed operation or six for loop feed operation)
- Externally clamped low voltage bushings with threaded stud for fullload current through 1400 Amps, or externally clamped one-piece NEMAspade bushings for full-load current above 1400 Amps
- Front panel accessory mounting brackets (dead-front construction only)
- Removable neutral ground strap in low voltage compartment (for wye connected low voltage ratings only)
- Removable high-voltage/low-voltage neutral link, internally mounted and accessible through tamper-resistant hand hole (Wye-Wye units only)
- Lifting provisions
- Jacking/rolling provisions (Compartmental style only)
- Removable terminal compartment and bottom sill, and removable doors with stainless steel hinges (Compartmental style only)
- Removable hood with stainless steel hinges, and removable sill with stainless steel fasteners
- Bolted hand hole on oil compartment top with tamper-resistant security cover (Compartmental style only)
- Three-point door latching system with recessed interlocking pentahead security bolt, and padlock provision (Compartmental style only)
- Recessed hood latching system with captive pentahead security bolt, floating nut, and interlocking padlock provision
- Tank ground provisions
- Mild steel tank and terminal compartment construction
- Mild steel high-voltage/low-voltage compartment barrier (Compartmental style only)
- Domed top surfaces on tank and terminal compartment to prevent water retention
- Recessed tank compartment bottom
- Oil fill/oil level plug
- Automatic pressure relief valve for added safety
- Oil drain valve with sampling device (Compartmental style only)
- Electrical grade mineral oil insulation fluid with oxidation inhibitor

Optional Features

- Loadbreak high-voltage bushing inserts or externally clamped integral (one piece) high-voltage bushings for dead-front applications
- Externally clamped porcelain high-voltage bushings with eyebolt connectors for live-front applications
- Low-voltage connectors, including various screw on or slip-on types
- Insulated interphase barriers (Compartmental style, live-front construction only)
- Lightning arrester mounting provisions (Compartmental style, live-front construction only)
- Externally operable nonloadbreak high-voltage tap switch with one of the following tap ranges: four 2.5% taps above nominal; or four 2.5% taps below nominal; or two 2.5% taps above and two 2.5% taps below normal; or taps at 13800/13200/12870/12540 for transformers with a nominal high-voltage rating of 14400
- Externally operable dual high-voltage switch
- Internal expulsion fuses, alone or in combination with internal backup current limiting fuses
- Draw-out expulsion fuses with isolation links, alone or in combination with internal backup current limiting fuses
- Draw-out full-range current limiting fuses in dry-well canisters; with or without interlocking loadbreak switch (Compartmental style only)
- Internal full-range current limiting fuses (Compartmental style only)
- MOV surge arresters, including under-oil, elbow, or panel-mounted types (panel-mounted types are available on compartmental live-front units only)
- Drip shields for use with draw-out expulsion fuses
- Externally operable twoposition or four-position high-voltage loadbreak switch
- High capacity pressure relief device mounted on tank cover (Compartmental style only)
- Drain valve with sampling device
- Total stainless steel or hybrid (mild steel/stainless steel) construction
- Temporary access service provision (conduit hole)
- Hexhead security bolt (pentahead standard)
- Tank ground connectors
- Cover mounted throat for bus duct connection (Compartmental style only)
- Dial type temperature gauge
- Dial type liquid level gauge
- Dial type pressure/vacuum gauge
- Cooling fans or fan mounting provisions only (Compartmental style only)
- R-Temp™, silicone or seedbased vegetable oil insulation fluid
- Custom stenciling or labeling
- NEMA safety labels
- Energy efficient amorphous metal cores (available through 750kVA only)
- Compliance with Canadian Standards Association (CSA) standards or other non-U.S. standards



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