Single 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
- Two externally clamped universal high-voltage bushing wells for loop feed operation or one externally clamped bushing well for radial feed operation
- Three externally clamped low-voltage bushings with threaded copper studs, including a fully insulated neutral terminal with removable ground strap (removable ground strap standard on 240/120 and 480/240 ratings only)
- Embossed bushing mounts
- Automatic pressure relief valve for added safety
- Electrical grade mineral oil with oxidation inhibitor
- Removable hood with corrosion resistant stainless steel hinge pins and barrels
- Mild steel enclosure and detachable sill fastened with stainless steel hardware
- Recessed oil compartment bottom
- Front panel accessory mounting bracket
- Domed top surfaces on hood and oil compartment to prevent water retention
- Oil fill / oil level plug
- Oil drain plug
- Tank grounding provisions
- Corrosion resistant locking assembly with captive penta-head security bolt, floating nut and padlock provision
- Decal or stenciled bushing designations

Optional Features

- Total stainless steel or hybrid (mild steel / stainless steel) enclosure; hybrid enclosure may have stainless steel applied to any of the following components: hood, sill, oil-compartment riser, bottom / front panel, and high-voltage bushing clamps. Available grades of stainless steel include 409, 304, and 304L
- High density polyethylene protector strips on bottom contact surfaces to prevent paint damage during storage and installation
- Temporary service access provision (conduit hole)
- High-voltage, load-break on / off or sectionalizing switch
- Load-break high-voltage bushing inserts
- Removable low-voltage ground strap (standard for 240/120 and 480/240 ratings)
- Low-voltage terminals, including various screw-on spades or slip-fit connectors
- Internally mounted expulsion fuse (alone or in combination with internally mounted, partial-range current limiting fuse)
- Draw-out expulsion fuse in combination with internally mounted partial-range current limiting fuse or isolation link
- Draw-out (dry well) full-range current limiting fuse
- Drip shield for use with draw-out expulsion fuse
- Internally mounted full-range current limiting fuse
- Low-voltage circuit breaker with or without emergency overload lever
- MOV high-voltage lightning arrester: external plug-in elbow type, or under-oil mounted with or without external disconnect
- High-voltage tap switch with operating handle in the terminating compartment 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
- Dual-voltage switch with operating handle in the terminating compartment (not available in combination with high-voltage tap switch)
- Interlaced low-voltage windings
- Drain valve with or without sampling device
- Temperature gauge
- Liquid level gauge
- Pressure / vacuum gauge
- Tank ground connectors
- Hold-down cleats
- Lifting bolts
- Custom stenciling and labeling
- NEMA safety labels
- Energy-efficient amorphous metal cores (available through 100 kVA)
- Rural Utilities Service (RUS) design standards
- Canadian Standards Association (CSA) design standards and other non-U.S standards

800-245-8123
www.betzpower.com

BETZ TRANSFORMERS