Types VOZZ-20 and VOZZ-20G
Outdoor voltage transformers

**Product features**
- 36 kV outdoor, 200 kV BIL, 60 Hertz
- VOZZ-20:
  - Strike: 23.0" (584 mm)
  - Creep: 41.0" (1041 mm)
  - Weight: 380 lbs (172 kg)
- VOZZ-20G:
  - Strike: 25.5" (648 mm)
  - Creep: 41.875" (1064 mm)
  - Weight: 370 lbs (168 kg)

**Application**
The VOZZ-20 and VOZZ-20G outdoor voltage transformers are designed for high burden applications and are suitable for operating meters and relays and supplying control power. The VOZZ-20 is a two bushing design for line-to-line applications where the line-to-line voltage equals the primary rating of the transformer. The unit can be connected line-to-ground/earth at reduced voltage.

The VOZZ-20G is a single bushing design for line-to-ground/earth applications on an effectively grounded system. They are capable of operating at 190% of rated voltage for one minute without exceeding 175° C temperature rise.

**Construction features**
The layer wound and shielded high-voltage winding is designed to withstand long-term operation at 1.9 times the line-to-ground voltage level when applied on a 200 kV BIL system. The core and coil assembly is cast under a vacuum in a polyurethane resin formulated for outdoor service.

**Terminals**
The primary line terminals are electro-tin plated copper clamp type to accommodate #10 to 250 MCM conductors or 0.75" x 1.125" stud-type to accommodate either a two-hole or four-hole NEMA pad connector. The H2 neutral terminal of the type VOZZ-20G is insulated to withstand a 19 kV test level and can be disconnected from the external ground strap for dielectric verification.

**Junction box**
The molded junction box has a 1" conduit hub on either end and a knock out for a 1" conduit fitting on the bottom. The box, which is interchangeable with other manufacturers units, is anchored to the body of the transformer with screws and can easily be detached, simplifying installation and change out.

**Baseplate**
The baseplate is constructed of corrosion-resistant aluminum and is secured to the encapsulated base support.

**Test reports**
Test reports are stored electronically and can be e-mailed in various formats at the time of shipment.

**Standards**
This unit can be tested to all applicable IEEE, CSA, or IEC standards as requested.
Unit dimensions

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