

VOG-20B

Outdoor voltage transformer



Product features

- 34.5 kV, outdoor
- 200 kV BIL, 60 Hertz
- Electrical clearances:
 - Strike: 21.6" (549 mm); creep: 50.2" (1277 mm)
- Minimum operating temperature: -50° C
- Approximate weight: 125 lbs. (57 kg)

Application

An optimal solution for line-to-ground metering applications, the VOG-20B offers superior performance in a compact design. Tapped and dual secondary windings are also available upon request.

Industry leading performance

Enhanced creep distance and intelligent shed design minimize flashover potential and provide superior heat dissipation. Encapsulated in field-proven HCEP material (hydrophobic cycloaliphatic epoxy), the VOG-20B delivers unparalleled performance in outdoor applications, including heavily polluted and coastal environments.

Terminals

The electro-tin plated primary H1 bushing terminal accommodates #10 to 250 MCM conductors. The H2 neutral terminal is insulated to withstand a 19 kV test level and can be disconnected from the external ground cable for power factor measurement. Clamp-

The VOG-20B is a robust voltage transformer designed for use in line-to-ground applications.

type secondary terminals accommodate #14 through #3 wire. Stud type terminals (0.750-16 x 1.125), ideal for use in primary metering cabinets and other applications, are available upon request.

Junction box

The junction box has a 1" conduit hub on either end and a knock out for a 1" conduit fitting on the bottom. The box is anchored to the body of the transformer with screws and can be easily detached, simplifying installation and change-out procedures.

Baseplate

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

Mounting

The VOG-20B can be mounted in upright or cantilever positions. Stress relief devices should be used to support cable connections where applicable.

Test reports

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

Standards

This unit meets or exceeds all requirements of IEEE C57.13-2016 and can be tested to other standards as requested.

