Type ETG Voltage Range 72.5kV to 800kV
Bushings for transformer to gas insulated switchgear connections

Features

- The design is compatible with the requirements of IEC 61689 for the GIS to transformer interface. Other dimensions can be provided on request.
- The ETG bushing range is provided for a full range of operating ratings to IEC and ANSI Standards.
- Epoxy resin impregnated paper insulation. Vacuum impregnation of the condenser core gives excellent partial discharge performance.
- Oil free solid insulation provides no fire or explosion risk with the bushing.
- Design allows for differential expansion across normal operating temperature range.
- Insulation is gas tight and when combined with an effective sealing ring system will provide <10^-6 torr litres per second leakage.
- Connecting flange is also gas tight and incorporates a self grounding test tapping for through life capacitance and tan delta measurement.
- Non-standard CT accommodation and corona shields can be provided on request.
- All bushings are electrically tested with a simulation of the service arrangement, preventing oil contamination of the gas side.

Description

The epoxy resin impregnated paper range provides the very highest standard in bushing technology. Every product is impulse tested as a routine so you can be assured of high reliability and a low cost. With over 30 years experience in the field of oil free bushing applications our engineers can support all your through life needs.

The bushings detailed show our product range which is suitable for connecting oil filled transformers directly to SF6, metalclad switchgear or ducting.