

COUPLERS

Bus Couplers for Motors and Generators



IRIS's epoxy-mica bus couplers are specifically designed to detect stator winding partial discharge activity in operating motors and turbine generators rated 3.3 kV and above.

Used in conjunction with IRIS's TGA-B test instrument, the epoxy-mica bus couplers are permanently installed on the machine terminals (usually three couplers for motors and six for turbine generators).



Tested to rigorous standards

- CSA certified – Class I Div 2
Class II Div 2
- CE-ATEX/BASEEFA – certified for hazardous location
- IEEE 1043
- Meets ANSI/IEEE C37.20.2-1987

Specifications

- capacitive element is made from epoxy impregnated mica
- 80 pF
- dissipation factor, less than 0.05%
- operating temperature, -55°C to 125°C
- resistant to electric tracking
- designed for three voltage ratings:

* EMC values based on tests performed according to ASTM D 1868 and IEC 270