

gstone@irispower hsedding@irispower cchan@irispower Abstract - Partial discharge (PD) testing has long been an important tool for assessing the condition of the high voltage insulation in motor and generator stator windings. In the past several years, many motors have been powered from inverters which facilitate variable speed

About Iris Power. Iris Power, founded in 1990, offers sensors, monitors and diagnostic solutions for the assessment of the actual state of generators, motors, dry-type transformers and air-insulated switchgear, so that the risk assessed and the necessary maintenance can be planned.

Turkey, [a] officially the Republic of Türkiye, [b] is a country mainly located in Anatolia in West Asia, with a smaller part called East Thrace in Southeast Europe borders the Black Sea to the north; Georgia, Armenia, Azerbaijan, and Iran to the east; Iraq, Syria, and the Mediterranean Sea to the south; and the Aegean Sea, Greece, and Bulgaria to the west.

techsupport@irispower +1-905-677-4824, dial-3 for product support. Have a Question? Looking for more information or need a quote? Please fill out the contact form below and we will get back to you shortly. Learning Center. This Resource Library is designed to provide current, relevant resources that provide technical knowledge and practical ...

. A THIRD GENERATION ONLINE TOOL TO FIND BROKEN ROTOR BARS AND ROTOR AIR GAP ECCENTRICITY IN INDUCTION MOTORS Breaks in squirrel cage induction motor rotor windings as well as rotor unbalance due to eccentricity have long been known to be a significant cause of motor failures. Broken rotor bars are especially likely in motors

Iris Power Corona Probe Model PPM-97 FOR ACCURATE LOCATION OF PARTIAL DISCHARGES IN HV ROTATING MACHINES The Iris Power Corona Probe™ Model PPM-97 (also known as TVA Probe) is a portable, battery operated instrument for off-line detection of partial discharge in rotating machinery.

Iris Power offers four different Epoxy Mica Couplers to accommodate machine voltage ratings: EMC Voltage Rating 6.9 kV 16 kV 25 kV 28 kV DEV @ 1 pC 8.0 kV 18.6 kV 29.0 kV 32.3 kV AC Withstand 15 kVms 33 kVms 51 kVms 57 kVms BIL 95 ...

Telephone: +1-905-677-4824; Fax: +1-905-677-8498; Email: sales is@qualitrolcorp ; -- Dielectric dissipation factor testing, also known as tangent delta or power factor testing, is a measure of the dielectric losses in an insulation system. In the field of rotating machines,

Iris Power 3110 American Drive Mississauga, Ontario Canada, L4V 1T2 Qualitrol Company LLC 1385

Fairport Road Fairport, New York, USA, 14450 GET IN TOUCH > Instant analysis of all slots in a round rotor winding usually at a fixed operating load > Where needed, ability to analyze tests and trend at ...

The Iris Power Total Flux Probe (TFProbe) is a non-metallic sensor that detects the magnetic field emanated from each rotor pole in generators and synchronous motors to determine the presence and severity of failure mechanisms including out of round rotor, off center rotor, thermal imbalance of rotor poles, loose poles, stator Migration or shorted rotor turns.

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Motor and generator stator endwinding vibration can lead to machine failure if it is not caught at an early stage. Non-metallic accelerometers are required to measure and trend this endwinding vibration due to the high voltages and high magnetic fields in the endwindings. Iris Power supplies reliable

A RAMPED HIGH VOLTAGE DC TEST FOR STATOR WINDING INSULATION Simple off-line test Lower risk of failing stator insulation than standard Hipot test Identify onset of fault mechanisms Diagnose damage and deterioration Quick, accurate and repeatable results Computer records voltage and current for future analysis SPECIFICATIONS Power Supply 85 ...

Iris Power uses the PDTracII 4208 to collect voltage pulse data through a single 80pF Iris Power Epoxy Mica Capacitor per phase and analyzes the data using PDView diagnostic software to provide information need to avoid catastrophic failures, extending the life your asset and reducing the risk of unplanned outages.

Si requiere otra contrase#a, solic#tela a fs.admin@irispower . Es necesario comprimir previamente el archivo, pues la p#gina s#lo acepta archivos .zip o .jia. Una vez el archivo se cargue, se le notificar# a su correo electr#nico indicado en el formulario. Si no recibe la notificaci#n, por favor verifique que el correo electr#nico es ...

. IRIS Power PDTracII 4208 System The Iris Power PDTracII 4208 system is an economical means of providing automated, continuous partial discharge (PD) measurement for motors, generators, switchgear, and dry type transformers rated up to 35 kV.

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