



Grafito

Transformador de alta potencia sistemas rectificadores para aplicaciones de grafito

Added Benefits of Power Electronic Systems Supplied by Neeltran – Robust and Reliable Power to run your 24/7 processes.

At Neeltran, we are uniquely positioned as one of the few companies in the world that designs and manufactures its own rectifier-transformers and rectifiers. This capability allows for combined Full Current and Full Voltage factory testing of the transformer and rectifier in their actual configuration prior to shipment. Neeltran can build a stationary unit or a unit that moves on a rail car.

An experienced client requires combined testing to eliminate integration problems at the site and to assure the shortest commissioning time, resulting in significant cost savings and the highest quality units.

Neeltran possesses multi-industry, engineering, and manufacturing experience that helps us to be flexible and design products that meet your specific technical and safety requirements.

Detalles Del Producto:

- Diode units available
- Latest safety features
- Design to all types of environments and contamination
- Remote monitoring via PLC modem
- State-of-the-art Neeltran fast response control boards with Microprocessor based controller available
- All types of PLC's available for easy interface to customer systems
- Semiconductor Plasma Arc protection available
- On Load Tap Changer available, in all cases including NLTC tap changer will have its own seaperate oil supply
- EMF, RFI and Magnetic studies available
- FEM analysis available
- Harmonic studies available
- E House style available



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Especificaciones Generales

Fuente principal de voltaje trifásica en la primaria	V	up to 69000
Máxima potencia	kVA	hasta 70000
Tres tensiones de fase en el secundario	V	hasta 500
Frecuencia	Hz	50-60
NLTC u OLTC		No Carga y de cambiadores de tomas en carga
Corriente continua	A	hasta 200000
Voltaje de corriente continua	V	hasta 400
Conexión del rectificador	ANSI - IEC	Puente o Estrella
Pulsos		6 / 12 / 18 / 24 / 36 y más
Tipo de tarjeta de control		Digital o analógico, cableado o Opto.
Exactitud del Sistema de control de corriente constante		±0.5%
Enfriamiento del transformador		Oil to Water / Oil to Air
Fabricante del transformador		Neeltran
Tipo de aceite del transformador		Mineral / FR3 / Silicon
Medición		Derivación / LEM / Primario CT
PLC		Allen Bradley o Siemens, otros disponibles. Dial de dem o dem celular para el diagnóstico
Enfriamiento del rectificador		Deionized Water to Water / Deionized Water to Air
Tipo de gabinete del rectificador		Compacto / Semi / Walk in
Fabricante del rectificador		Neeltran
Material de la sección eléctrica del rectificador		Aluminio o cobre
Elementos de rectificación		Thyristors / Diodes
Redundancia		N+X
Disponible línea de prueba		Prueba combinada en Neeltran fábrica

American Superconductor

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