NTSA
DEFINED POWER PROTECTION

"By choosing to do business with Northern Technologies SA you gain access to more that 70 years of combined experience in the surge / lightning suppression industry"

State of the Art in Transient Switching Surge Protection for motors, generators and transformers

NTSA develops and markets cutting edge technology in this field. The main criteria are safety of operation, quality and user-friendliness of this equipment coupled to global applicability.

Safety is guaranteed by the integral Safety Switch, stainless steel vessel and vastly improved harmonic voltage withstand and ambient temperature levels. The oil standards comply fully with IEC standards and testing of the products are performed at European test laboratories.

The rationalisation of the voltage levels yielded a massive reduction in different models, yet increased the global applicability so that the range is suitable for worldwide applications and specifications. The range spans seamlessly from 220 V to 25 kV 50/60 Hz

Product applications:

- LV versions: 220 – 800 V three and single phase 50/60 Hz. These versions are vibration proof, waterproof and explosion proof and are applicable to protection of UPS, VSD, LV transformer, motor and generator windings
- Compact HV version: 2 – 7,2 kV with Safety Switch
- Medium Voltage versions: 2 – 25 kV with Safety Switch single and three phase applications
- Combined TSSP with Partial Discharge analysis output with Safety Switch. This arrangement was proposed in 2007 by the late Mr Mohamed Ahmed from Eskom and sketched at the South African 2009 Switchgear, drives and controls conference 24 – 25 March. NTSA, Martec SA and EDI/Dynamic Ratings then jointly brought this concept to fruition together with our EU factory engineers. The result is a fully tested and operational device. The applicable ranges are from 6 – 25 kV.

Services rendered by NTSA: Stocking of the products, design-in advice, installation, commissioning as required by the customer.

For more information or free CD contact piet@ntsa.co.za

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