

Improved, Compact Design Voltage Divider

An Essential Tool for Troubleshooting!

Neundorfer voltage dividers are compact, rugged, cost-effective and easy to install – providing indispensable trending and troubleshooting while also protecting against costly over-voltage damage to T/R sets. Neundorfer replacement or retrofit voltage dividers provide:

- **Reliable and accurate kV secondary voltage feedback**
- **Improved voltage-control performance**
- **Valuable troubleshooting information**
- **Small size for easy installation**
- **Low-cost alternative to competitive dividers**



Performance levels in an electrostatic precipitator are largely determined by secondary current (mA) and secondary voltage (kV) for a given set of operating conditions. A voltage divider provides the necessary signal to read and monitor secondary voltage—essential information for trending and troubleshooting.

Voltage dividers also help protect the transformer/rectifier (T/R) sets in a precipitator from costly over-voltage damage to the diode bridge and transformer secondary. Voltage dividers enable automatic voltage controls to work at peak performance.

The Neundorfer Voltage Divider is compact, rugged, reliable and economical. Unlike any other voltage divider available, it is constructed with epoxy-sealed resistor elements in an encapsulated epoxy resin assembly – providing immunity from environmental attack.

Specify Neundorfer in Replacement and Retrofit Installations

New T/R sets usually are equipped with voltage dividers. Typically, they are located in the oil, thus making them hard to replace. Should one fail, however, it can be disconnected and a new Neundorfer voltage divider installed as a replacement outside of the T/R oil-filled housing. Older T/R sets often do not have voltage dividers, but can be easily retrofitted to provide the important secondary voltage feedback signal.

Specifications

- Neundorfer part number 84700-250
- Dimensions: 11 1/4" (H) x 2 3/4" (W)
- Rating: 160 Megohm
- Operating Temperature: -40°C to 85°C
- Does not require modification to the bus duct
- Can be made to fit all installations
- Instructions and mounting parts are included



NEUNDORFER
PARTICULATE KNOWLEDGE

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