

UGER D25 – Generator Voltage Transformer

The UGER D25 is used for measurement and protection in applications with vibration requirements like power generators. The single pole indoor voltage transformer can be used up to 17,5kV. The special ELEQ generator construction, makes it possible to use the UGER D25 in applications with shock and / or vibration requirements. The voltage transformer is maintenance-free and mountable in any position.



Ordering Specifications

For the customized design of your ELEQ UGER D25 Generator Voltage Transformer the following information is required:

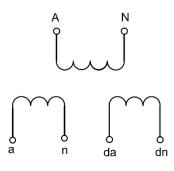
Mandatory

- Rated primary voltage
- Rated secondary voltage
- Rated output
- Accuracy class
- Frequency

Optional

- Transformer requirement with separated windings
- Other relevant requirements

Wiring Diagram IEC 61869-3



Technical Specifications

Environmental conditions This product is designed to be safe under the following conditions:

Dimensions

Location: Indoor use Ambient air temperature: -25°C .. +80°C; other temperatures on request Storage and transport temperature: -50°C .. +80°C Relative humidity: 5% .. 95%, non condensing Altitude: Max. 1000m above NN; at >1000m data required Protection degree (secondary terminal): IP20 Application conditions Standard: IEC 61869-3 / IEEE C57.13; IEC 61768-3 specification: 500VA measuring winding Rated thermal limiting output (Sth): 100VA residual winding 1,9 x Un for 8h; Rated voltage factor: 1,2 x Un continuous 17.5/38/75kV Rated insulation level: 50/60Hz Rated frequency: Class of insulation: F 2/√3kV - 15/√3kV Rated primary voltage: Rated secondary voltage: $100/\sqrt{3}$ V or $110/\sqrt{3}$ V; other options available on request As required. Rated output: For example 10, 15, 30VA As required. Accuracy class: For example 0,2, 3P Primary connection: M10 (20Nm) Screw terminals M5 (max. Secondary terminal: 2,5Nm)

