

UGZR D25 – Generator Voltage Transformer

The UGZR D25 is used for measurement and protection in applications with vibration requirements like power generators. The double pole indoor voltage transformer can be used up to 17,5kV. The special ELEQ generator construction, makes it possible to use the UGZR 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 UGZR D25 Voltage Transformer the following information is required:

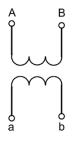
Mandatory

- 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

Indoor use

IP20

etc.

-25°C .. +80°C; other temperatures on request

5% .. 95%, non condensing

IEC 61869-3 / IEEE C57.13;

500VA measuring winding

100VA residual winding 1,9 x Un for 8h;

1,2 x Un continuous 17.5/38/95kV

2/√3kV - 15/√3kV

As required.

As required.

M10 (20Nm)

2,5Nm)

 $100/\sqrt{3}$ V or $110/\sqrt{3}$ V; other options available on request

For example 10, 15, 30VA

Screw terminals M5 (max.

For example 0,2, 3P

50/60Hz

F

Max. 1000m above NN; at >1000m data required

-50°C .. +80°C

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

Location:

Ambient air temperature:

Storage and transport temperature:

Relative humidity:

Altitude:

Protection degree (secondary terminal):

Application conditions

Standard:

IEC 61768-3 specification: Rated thermal limiting output (Sth):

Rated voltage factor:

Rated insulation level: Rated frequency: Class of insulation:

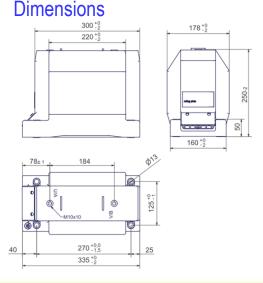
Rated primary voltage: Rated secondary voltage:

Rated output:

Accuracy class:

Primary connection:

Secondary terminal:



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