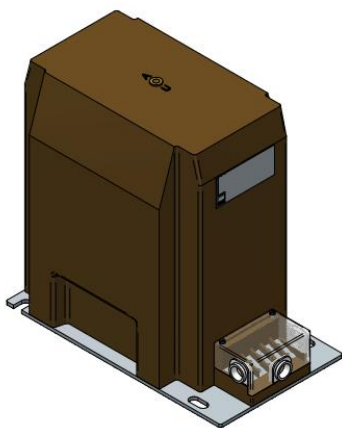


UGE D3 – Single Pole Voltage Transformer

The UGE D3 is used for measurement and protection in applications, especially in medium-voltage switchgears. The single pole indoor voltage transformer can be used up to 36kV. The voltage transformer is maintenance-free and mountable in any position



Ordering Specifications

For the customized design of your ELEQ UGE D3 voltage transformer the following information is required:

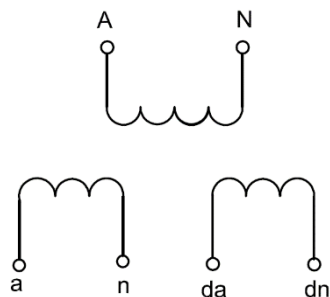
Mandatory

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

Optional

- Other relevant requirements

Wiring Diagram IEC 61869-3 e.g.



Technical Specifications

| | |
|---|--|
| Environmental conditions | |
| This product is designed to be safe under the following conditions: | |
| Location: | Indoor use |
| Ambient air temperature: | -5°C .. +40°C; other temperatures on request |
| Storage and transport temperature: | -25°C .. +50°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; etc. |
| IEC 61768-3 specification: | |
| Rated thermal limiting output (Sth): | 500VA measuring winding in total 100VA residual winding |
| Rated voltage factor: | 1,9 x Un for 8h; 1,2 x Un continuous |
| Rated insulation level: | 36/70/170kV |
| Rated frequency: | 50/60Hz |
| Class of insulation: | E |
| Rated primary voltage: | 2/√3kV - 33/√3kV |
| Rated secondary voltage: | 100/√3V or 110/√3V; other options available on request |
| Rated output: | As required. For example 10, 15 or 30VA |
| Accuracy class: | As required. For example 0,2, 3P |
| Primary connection: | M10 (20Nm) |
| Secondary terminal: | Screw terminals M5 (max. 2,5Nm) |

Dimensions

