

IGWF E44 – Supporting Type Current Transformer

The IGWF E44 is used for outdoor applications. The secondary windings are used for measurement and/or protection purposes or for special use like testing winding. The cast resin insulated outdoor supporting-type current transformer can be used up to 24 kV. The current transformer is maintenance-free and only mountable in an upright position.



Ordering Specifications

For the customized design of your ELEQ IGWF E44 Current Transformer the following information is required:

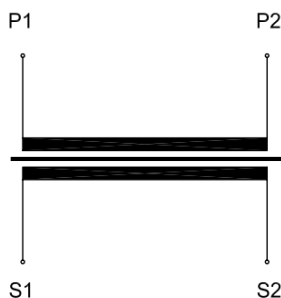
Mandatory

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

Optional

- Other relevant requirements
- Secondary terminal box sealable
- Multi Core
- Secondary switch over

Wiring diagram IEC 61869-2 for e.g.



Technical specifications

| | |
|---|---|
| Environmental conditions | |
| This product is designed to be safe under the following conditions: | |
| Location: | Outdoor use |
| Ambient air temperature: | -25°C .. +40°C, other temperatures on request |
| Storage and transport temperature: | -40°C .. +50°C |
| Relative humidity: | 5% .. 95%, non condensing |
| Altitude: | Max. 1000m above NN; at >1000m data required |
| Protection degree (secondary terminal): | IP54 |
| Application conditions | |
| Standard: | IEC 61869-2 / IEEE C57.13; etc. |
| IEC 61768-2 specification: | |
| Rated short-time thermal current (I _{th}): | 100 x I _n /1s, max. 50kA/1s |
| Rated dynamic current (I _{dyn}): | 2,5 x I _{th} , max. 125kA/1s |
| Continuous thermal current (I _{cth}): | Up to 200% |
| Rated insulation level: | Max. 24/50/125kV |
| Rated frequency: | 50/60Hz |
| Class of insulation: | E |
| Rated primary current: | 5-2500A |
| Rated secondary current: | 1A or 5A; other options available on request |
| Rated output: | As required. For example 2,5, 10 or 30VA |
| Accuracy class: | As required. For example 0,2S, 5P10 |
| Creepage / flashover distance: | 780 / 340 mm |
| Primary connection: | M12 (40Nm) |
| Secondary terminal: | Screw terminals M5 (max. 2,5Nm) |

Dimensions

