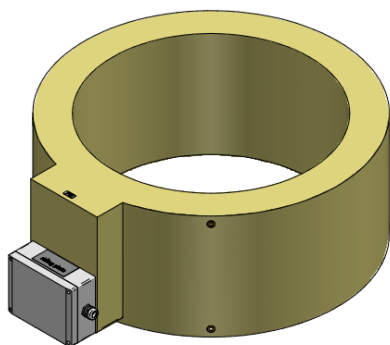


GSRF 720 – Ring-type Current Transformer

The GSRF 720 are cast-resin insulated ring-type current transformers and can be used for measurement and protection in outdoor applications. They are suitable to put on cables or bus-bars. The outdoor ring-type current transformer can be used up to 0,72 kV, is maintenance-free and mountable in any position. In medium voltage and high voltage switchgear, an insulated conductor must be used which suits the rated insulation levels.



Ordering Specifications

For the customized design of your ELEQ GSRF 720 Current Transformer the following information is required:

Mandatory

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

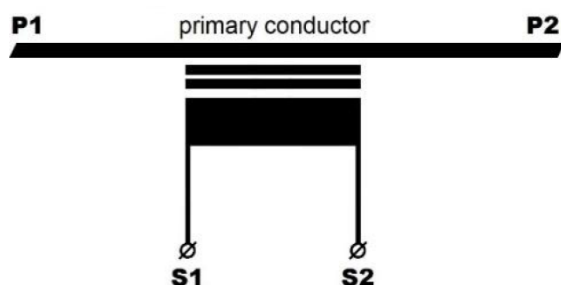
Optional

- Multi-core transformers
- Other relevant requirements

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: | -50°C .. +55°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. 100kA/1s, other duration on request |
| Rated dynamic current (I _{dyn}): | 2,5 x I _{th} |
| Continuous thermal current (I _{ct}): | Up to 200% |
| Rated insulation level: | 0,72/3/- kV |
| Rated frequency: | 50/60Hz |
| Class of insulation: | E |
| Rated primary current: | 100A - 15000A |
| Rated secondary current: | 1A or 5A; other options available on request |
| Rated output: | As required. For example 10VA, 15VA |
| Accuracy class: | As required. For example 0,2S, 5P20 |
| Inner diameter: | On request |
| Secondary terminal: | Screw terminals M5 (max. 2,5Nm) |

Wiring diagram IEC 61869-2 for e.g.



Dimensions

