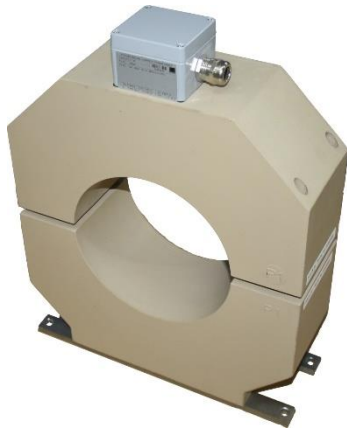


# GSKF 170 – Split Core Type Current Transformer

The GSKF 170 are cast-resin insulated current transformers for outdoor applications. They are suitable to put on cables or bus-bars. The cast resin insulated outdoor Split-core current transformer can be used up to 0,72 kV, is maintenance-free and mountable in an upright position or according to the mounting instructions. In case of higher voltage levels the primary conductor must be insulated according to the rated insulation levels.



## Ordering Specifications

For the customized design of your ELEQ GSKF 170 current transformer the following information is required:

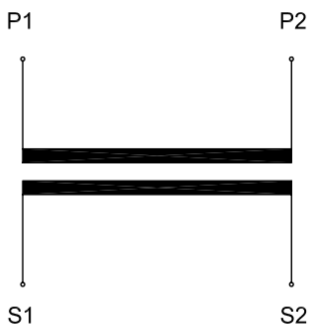
### Mandatory

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

### Optional

- Other relevant requirements
- Secondary switch over
- Multi Core

## Wiring diagram IEC 61869-2 for e.g.



## Technical specifications

<b>Environmental conditions</b>	
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
<b>Application conditions</b>	
Standard:	IEC 61869-2 / IEEE C57.13; etc.
IEC 61768-2 specification:	
Rated short-time thermal current (I <sub>th</sub> ):	100 x I <sub>n</sub> /1s, max. 100kA/1s, other duration on request
Rated dynamic current (I <sub>dyn</sub> ):	2,5 x I <sub>th</sub>
Continuous thermal current (I <sub>cth</sub> ):	Up to 200%
Rated insulation level:	0,72/3/-kV
Rated frequency:	50/60Hz
Class of insulation:	E
Rated primary current:	30A - 3000A
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
Secondary terminal:	Screw terminals M5 (max. 2,5Nm)

## Dimensions and drawing/picture attached

