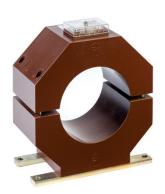


GSK 170 – Split Core Current Transformer for Earth-fault

The GSK 170 are cast-resin insulated current transformers for indoor applications. They are suitable to put on cables or bus-bars. The cast resin insulated indoor split core type current transformer can be used up to 1,2 kV and is maintenance-free and mountable according the assembling instruction for split core type CT GSK. 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 GSK 170 current transformer the following information is required:

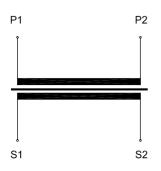
Mandatory

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

Optional

· Other relevant requirements

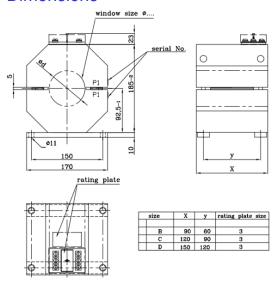
Wiring diagram IEC 61869-2



Technical specifications

recillical 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	IP20
terminal):	IP20
Application conditions	
Standard:	IEC 61869-2
IEC 61768-2 specification:	
Rated short-time thermal current (Ith):	100 x In/1s, max. 100kA/1s,
	other duration on request
Rated dynamic current (Idyn):	2,5 x lth
Continuous thermal current (lcth):	Up to 200%
Rated insulation level:	0,72/3/- kV or 1,2/6/-kV
Rated frequency:	50/60Hz
Class of insulation:	Е
Rated primary current:	60A
Rated secondary current:	1A
Rated output:	As required.
	For example 1,2VA
Accuracy class:	As required.
O a series de series de	For example 120Min@0.1xln
Secondary terminal:	Screw terminals M5 (max. 2,5Nm)
	2,011111

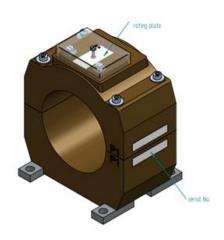
Dimensions





GST170 – Split Core Type Current Transformer

The GST 170 are cast-resin insulated current transformers for indoor applications. They are suitable to put on cables or bus-bars. The cast resin insulated indoor split core type current transformer can be used up to 1,2 kV, is maintenance-free and mountable according the operation instruction.



Ordering Specifications

For the customized design of your ELEQ GST170 Current Transformer the following information is required:

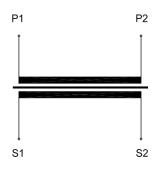
Mandatory

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

Optional

Other relevant requirements

Wiring diagram IEC 61869-2



Technical specifications

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): IP20

Application conditions

Standard:

IEC 61768-2 specification:

Rated short-time thermal current (lth):

Rated dynanimc curent (ldyn):

Continuous thermal current (lcth): Rated insulation level:

Rated frequency: Class of insulation: Rated primary current:

Rated secondary current:

Rated output:

Accuracy class:

Secondary terminal:

Dimensions

Indoor use

-5°C .. +40°C, other temperatures on request

-25°C .. -50°C

5% .. 95%, non condensing Max. 1000m above NN;

at >1000m data required

IEC 61869-2 / IEEE C57.13;

100 x In/1s, max. 100kA/1s,

other duration on request 2,5 x Ith

Up to 200% 0,72/3/- kV or 1,2/6/-kV

50/60Hz Ε 20-2000A

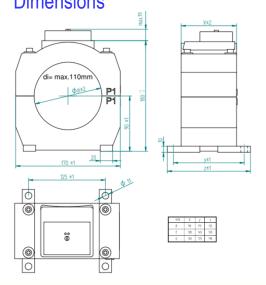
> 1A or 5A; other options available on request

As required.

For example 10VA, 15VA

As required.

For example 0,5, 5P20 Screw terminals M5 (max. 2,5Nm)

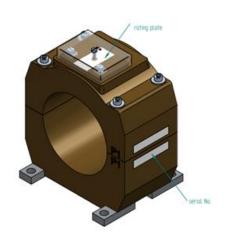




GST170 – Split Core Current Transformer for Earth-fault

The GST 170 are cast-resin insulated current transformers for indoor applications. They are suitable to put on cables or bus-bars. The cast resin insulated indoor split core type current transformer can be used up to 1,2 kV and is maintenance-free and mountable according the operation instruction. 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 GST 170 Current Transformer the following information is required:

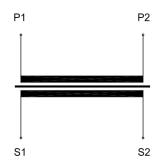
Mandatory

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

Optional

Other relevant requirements

Wiring diagram IEC 61869-2



Technical specifications

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

Location:

Ambient air temperature:

Storage and transport temperature: Relative humidity:

Altitude:

-5°C .. +40°C, other

temperatures on request

-25°C .. -50°C

5% .. 95%, non condensing Max. 1000m above NN;

at >1000m data required

Protection degree (secondary terminal):

Application conditions

Standard:

IEC 61768-2 specification:

Rated short-time thermal current (Ith):

Rated dynanimc curent (ldyn):

Continuous thermal current (lcth):

Rated insulation level: Rated frequency:

Class of insulation: Rated primary current:

Rated secondary current: Rated output:

Accuracy class:

Secondary terminal:

IEC 61869-2

100 x In/1s, max. 100kA/1s,

other duration on request 2,5 x lth

Up to 200%

0,72/3/- kV or 1,2/6/-kV

50/60Hz F 60A

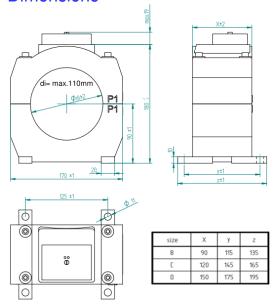
> As required. For example 1,2VA

As required.

For example 120Min@0.1xIn

Screw terminals M5 (max. 2,5Nm)

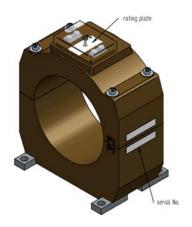
Dimensions





GST200 – Split Core Type Current Transformer

The GST 200 are cast-resin insulated current transformers for indoor applications. They are suitable to put on cables or bus-bars. The cast resin insulated indoor split core type current transformer can be used up to 1,2 kV, is maintenance-free and mountable according the operation instruction.



Ordering Specifications

For the customized design of your ELEQ GST200 Current Transformer the following information is required:

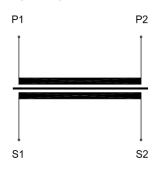
Mandatory

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

Optional

Other relevant requirements

Wiring diagram IEC 61869-2



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 61869-2 / IEEE C57.13;

IEC 61768-2 specification:

Rated short-time thermal current (lth):

100 x In/1s, max. 100kA/1s, other duration on request

Rated dynanimc curent (ldyn): 2,5 x Ith

Continuous thermal current (lcth):

Rated insulation level:

Up to 200% 0,72/3/- kV or 1,2/6/-kV

Rated frequency:

50/60Hz Ε

Class of insulation: Rated primary current:

30-2500A

Rated secondary current:

1A or 5A; other options

available on request

As required.

Accuracy class:

Rated output:

For example 10VA, 15VA

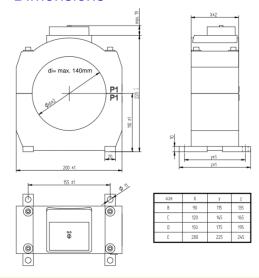
As required.

For example 0,5, 5P20

Secondary terminal:

Screw terminals M5 (max. 2,5Nm)

Dimensions



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