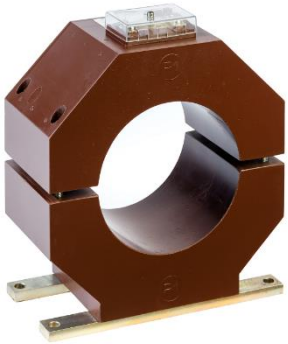
ELEQ mastering electricity worldwide

GSK 170 – Split Core Type Current Transformer

The GSK 170 are cast-resin insulated current transformers for indoor applications. They are suitable to put on cables or bus-bars. In case of higher voltage levels the primary conductor must be insulated according to the rated insulation levels. 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 assembling instruction for split core type CT GSK.



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; etc.
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 Ith
Continuous thermal current (Icth):	Up to 200%
Rated insulation level:	1,2/6/-kV
Rated frequency:	50/60Hz
Class of insulation:	E
Rated primary current:	30A - 2000A
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 0,5, 5P20
Secondary terminal:	Screw terminals M5 (max. 2,5Nm)

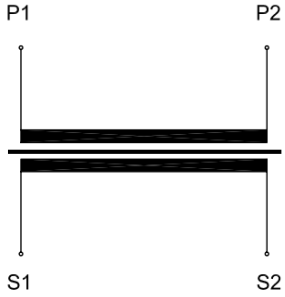
Ordering Specifications

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

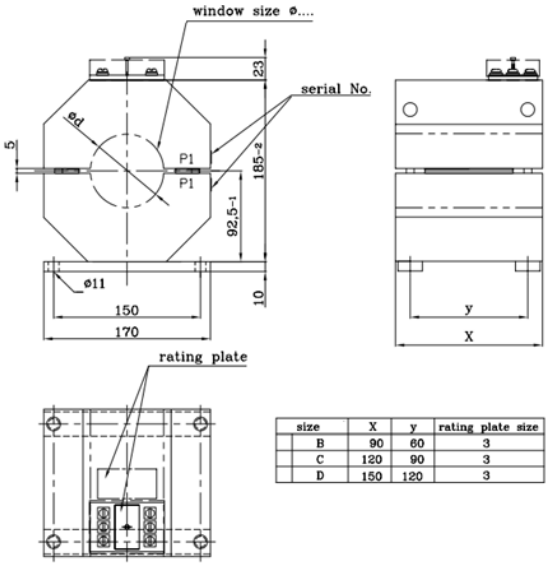
Mandatory
- Rated primary current
- Rated secondary current
- Rated output
- Accuracy class
- Frequency

Optional
- Terminal box sealable
- Earth-fault detection
- Other relevant requirements

Wiring diagram IEC 61869-2



Dimensions



size	X	y	rating plate size
B	90	60	3
C	120	90	3
D	150	120	3