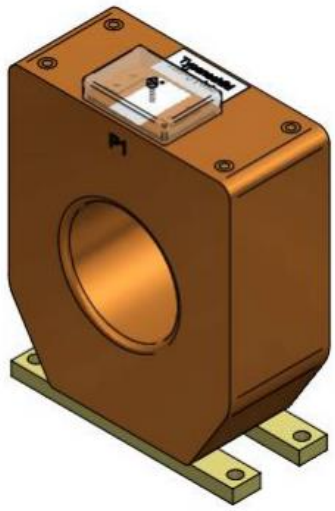
ELEQ mastering electricity worldwide

GSAG200 – Bushing-type Current Transformer

The GSAG200 is used for measurement and protection in applications with vibration requirements like power generators. The cast resin insulated indoor bushing-type current transformer can be up to 1,2kV. The special ELEQ generator construction, makes it possible to use the GSAG200 with shock and / or vibration requirements. The current transformer is maintenance-free and mountable in any position.



Technical specifications

Environmental conditions	
This product is designed to be safe under the following conditions:	
Location:	Indoor use
Ambient air temperature:	-40°C .. +80°C; other temperatures on request
Storage and transport temperature:	-50°C .. +80°C
Relative humidity:	5% .. 95%, non condensing
Altitude:	Max. 1000m above NN; at >1000m data required
Protection degree:	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:	10-5000A
Rated secondary current:	1A or 5A; other options available on request
Rated output:	As required. For example 10, 15VA
Accuracy class:	As required. For example 0,2, 5P20
Secondary terminal:	Screw terminals M5 (max. 2,5Nm)

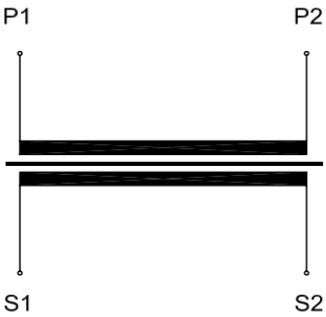
Ordering Specifications

For the customized design of your ELEQ GSAG200 Current Transformer the following information is required:

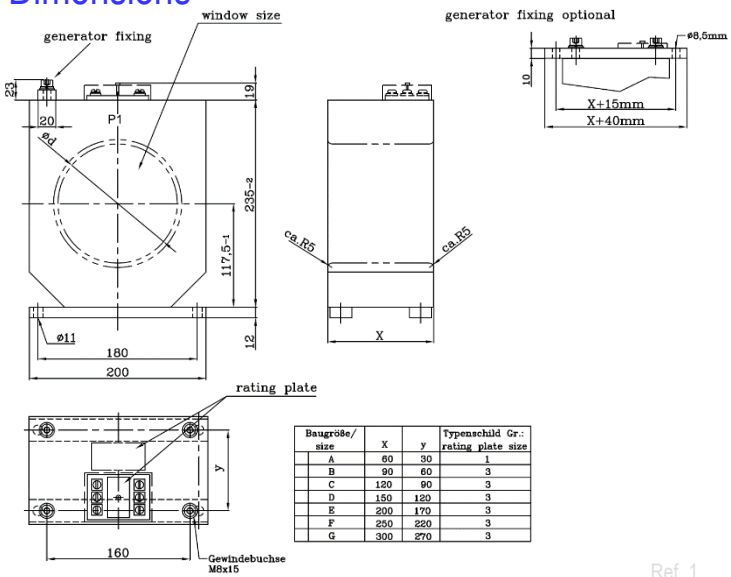
Mandatory
- Rated primary current
- Rated secondary current
- Rated output
- Accuracy class
- Frequency

Optional
- Multi-core transformers
- Other relevant requirements

Wiring diagram IEC 61869-2



Dimensions



Baugröße/ size	X	y	Typenschild Gr.: rating plate size
A	60	30	1
B	90	60	3
C	120	90	3
D	150	120	3
E	200	170	3
F	250	220	3
G	300	270	3