

IGWR C1 – Generator Current Transformer

The IGWR C1 is used for measurement and protection in application with vibration requirements like power generators. The cast resin insulated indoor supporting-type current transformer can be used up to 17,5kV. The special ELEQ generator construction, makes it possible to use the IGWR C1 in applications with shock and/or vibration requirements.



Ordering Specifications

For the customized design of your ELEQ IGWR C1 Generator Current Transformer the following information is required:

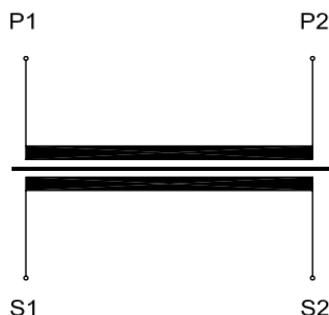
Mandatory

- 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:	-25°C .. +70°C
Optional low temperature:	-40°C
Optional high temperature:	+80°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 (I _{th}):	100 x I _n /1s, max. 50kA/1s
Rated dynamic current:	2,5 x I _{cth}
Continuous thermal current (I _{cth}):	120%
Rated insulation level:	17,5/38/95kV
Rated frequency:	50/60Hz
Class of insulation:	E
Rated primary current:	5-1500A
Rated secondary current:	1A or 5A; other options available on request
Rated output:	As required. For example 2,5, 10, 30VA
Accuracy class:	As required. For example 0,2S, 5P10
Primary connection:	M12 (40Nm)
Secondary terminal:	Screw terminals M5 (max. 2,5Nm)

Dimensions

