

IGW C1 – Supporting-type Current Transformer

The IGW C1 is used for measurement and protection in applications. The cast resin insulated indoor supporting-type current transformer can be used up to 17,5 kV. The current transformer is maintenance-free and mountable in any position.



Ordering Specifications

Range	Ratio	Burden	Class	Ith	Article Number
12Kv	50-100-150/5A	1-10VA	0.2S	2x20kA; 1S	612061

Primary switchable

12kV	2x25/5A	0,5-10VA	0,2S FS5	2x10kA; 1S	612540
12kV	2x50/5A	0,5-10VA	0,2S FS5	2x20kA; 1S	612560
12kV	2x100/5A	0,5-10VA	0,2S FS5	2x20kA; 1S	612600
12kV	2x150/5A	0,5-10VA	0,2S FS5	2x20kA; 1S	612620
12Kv	2x200//5A	0,5-10VA	0,2s	2x20kA; 1S	612640

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

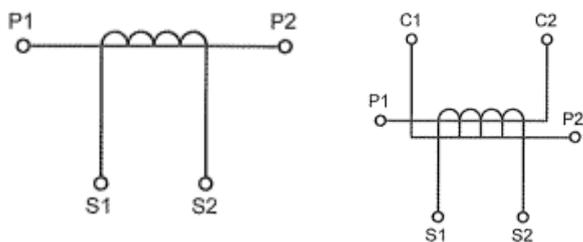
Mandatory

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

Optional

- Other relevant requirements

Wiring diagram IEC 61869-2



Primary switchable

Technical specifications

Environmental conditions

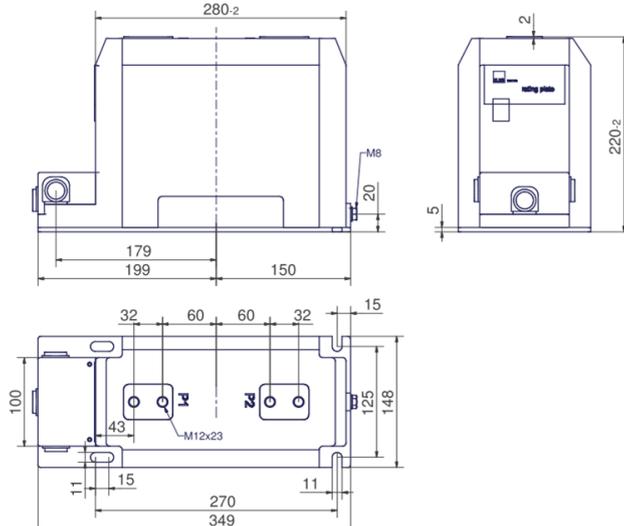
This product is designed to be safe under the following conditions:

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 C 57.13; etc.
IEC 61768-2 specification:	
Rated short-time thermal current (Ith):	100 x In/1s, max. 50kA/1s
Rated dynamic current (Idyn):	2,5 x Ith, max. 125kA/1s
Continuous thermal current (Icth):	up to 200%
Rated insulation level (max):	17,5/38/95kV
Rated frequency:	50/60Hz
Class of insulation:	E
Rated primary current:	5A – 2000A
Rated secondary current:	1A or 5A; other options available on request
Rated output:	As required. For example 2,5VA, 10VA, 30VA
Accuracy class:	As required. For example 0,2S, 5P10
Primary connection:	M12 (40Nm)
Secondary terminal:	Screw terminals M5 (max. 2,5Nm)

Dimensions



Drawing Primary switchable on request

Ref. 1

