

Rogowski coil

The ELEQ Rogowski coils are flexible current transformers based on the Rogowski principle. Due to its specific features, a Rogowski coil is an excellent solution for current measurement and can be used in a wide range of applications where traditional current transformers are not the adequate solution due to size, weight or due to limited access. An added benefit is the safety and ease of installation. ELEQ Rogowski coils have a wide range without saturation. If necessary, a third-party Multiscale Rogowski integrator is available.



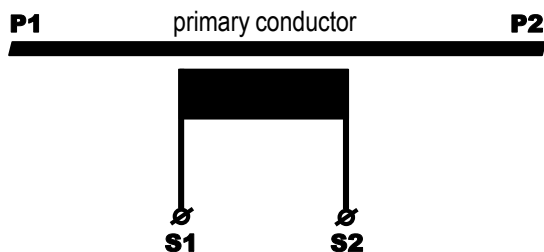
Technical Specifications

<i>Environmental conditions</i>	
This product is designed to be safe under the following conditions:	
Location:	Indoor use
Operating temperature:	-10°C .. +55°C
Storage temperature:	-35°C .. +60°C
Altitude:	Max. 2000m above sea-level
Protection degree:	IP40
<i>Application conditions</i>	
Standard:	IEC 61869-10
Rated short-time thermal current (I _{th}):	17 kA/5 s
Rated insulation level:	0.72/3/5 kV
Nominal output rate (RMS values):	100 mV / kA @ 50 Hz
Current range:	50 A-2500 A
Accuracy:	Class 1-A1
Class of insulation:	E
Frequency:	10 – 10.000 Hz
Overvoltage category:	1000 V CAT III, 600 V CAT IV
Pollution degree:	3
Cable length:	3 m

Ordering Specifications

Article Number	Ratio	Coil Detail	
		Length (mm)	Internal diameter (mm)
6C4C10F	100 mV/1 kA	200	70
6C4G10F	100 mV/1 kA	345	110

Wiring Diagram



Dimensions

