

## Flexible Rogowski

The ELEQ Rogowski coils are flexible current transformers based on the Rogowski principle. Due to its specific features, a Rogowski coil is an extremely comfortable 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. ELEQ Rogowski coils are shielded against the influence of external magnetic fields, which grants a stable measurement from low currents to hundreds of kA uniform at any position of the conductor inside the coil. In addition, an multiscale Rogowski integrator is available, which in combination with ELEQ's Rogowski coil is suitable for high power load analysis, impulsive current monitoring, and DC ripple measurement.



## Ordering Specifications

Article Number	Ratio	Coil detail	
		Length (mm)	Internal diameter (mm)
2C4Z10	100mV/1kA	300	~95

Provided with an accessory to secure the coil to the busbar.

## Technical Specifications

<b>Environmental conditions</b> This product is designed to be safe under the following conditions: Location: Outdoor use Operating temperature: -30°C .. +80°C Storage temperature: -40°C .. +80°C Relative humidity: 0% .. 95% Altitude: Max. 2000m above sea-level Protection degree: IP67	
<b>Application conditions</b> Standard: IEC 61010-1; IEC 61010-2-032; IEC 60529 In accordance with: CE	
<b>Electrical characteristics</b> Nominal output rate (RMS values): 100mV / kA @ 50 Hz Coil resistance: 70 ... 900 Ω Accuracy: Class 0,5 -A1 according to IEC 61869-10 Frequency: 50/60 Hz Overvoltage category: 1000 V CAT III, 600 V CAT IV Pollution degree: 3 Insulation test voltage: 7400 VRMS / 5s Cable length: 3m calibrated Weight: 150...500 gram	

## Wiring Diagram

