

Clamp-on Flexible Rogowski coil ERC55500-2

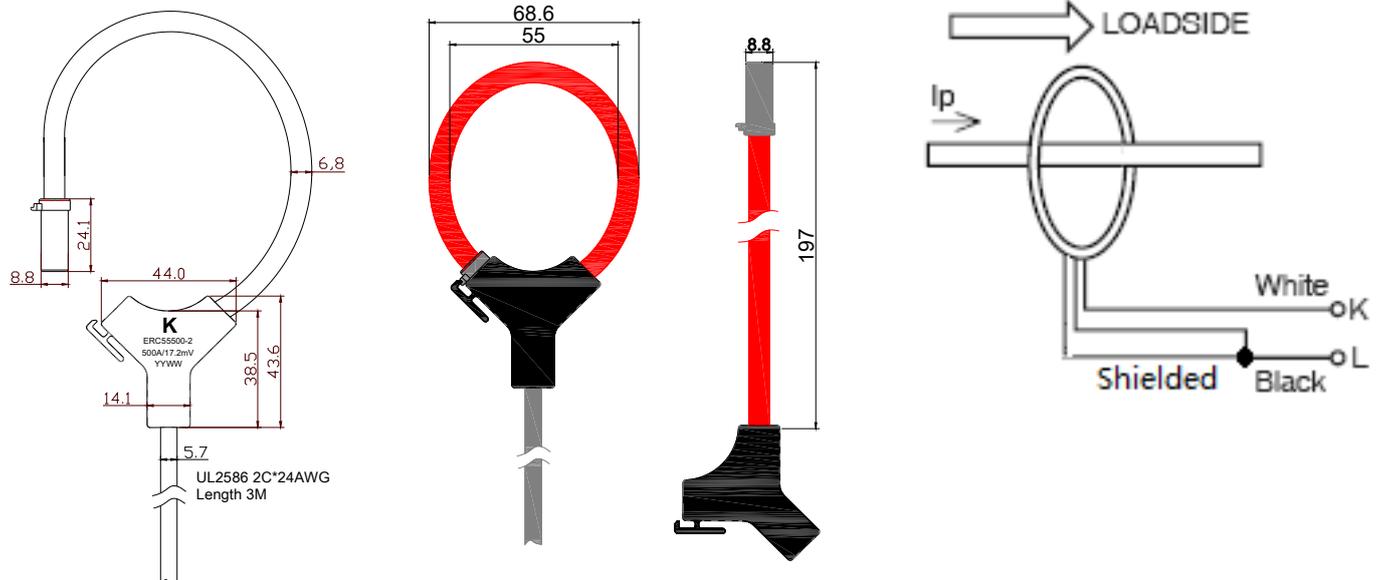
Clamp-on Flexible Rogowski coil Current Transformer has been designed for accurate measurement of wide AC current, pulsed DC or distorted waveforms. It may be used to measure AC current over a wide dynamic range and from 10Hz to 20kHz



STANDARD PART NUMBERS

MODEL	ERC55500-2
Current Range	500
Output Voltage	17.2mV AC/@50Hz 20.64mV AC/@60Hz
Accuracy	< 3%
Phase Shift	50/60Hz (typical < 0.5°)
Frequency Range	10Hz to 20kHz
Linearity (10% to 100% of range)	±0.2% of reading
Conductor Position Sensitivity	±2% maximum
Influence of External Field	±2% maximum
Working Temp.	-20°C to +60°
Insulation Category	CATIII

DIMENSIONS(MM)



Applications

Features

- Very high current monitoring
- DC ripple measurement
- Harmonics and transients monitoring
- Power monitoring & control systems
- Applicable in electronic Watt-hour meter

- AC current probe utility by the Rogowski principle
- Flexible and lightweight
- Easy & quick installation in uninterruptible power line
- Available shielding type on request
- Coil length from 40cm to 100cm
- No danger from open-circuited secondary
- High secondary output voltage & precise linearity error
- Isolated plastic case recognized according to UL94-V0
- IP 65(Probe head only)

Output graph

