BSCT-36C 400A/66.6mA

BSCT-36C Split-Core Current Transformer (400A/66.6mA)

The BSCT-36C is a high-precision, split-core current transformer designed for quick and non-intrusive installation. Featuring a mm aperture, it is perfectly suited for measuring primary currents up to 400A in residential, commercial, and industrial power monitoring applications.



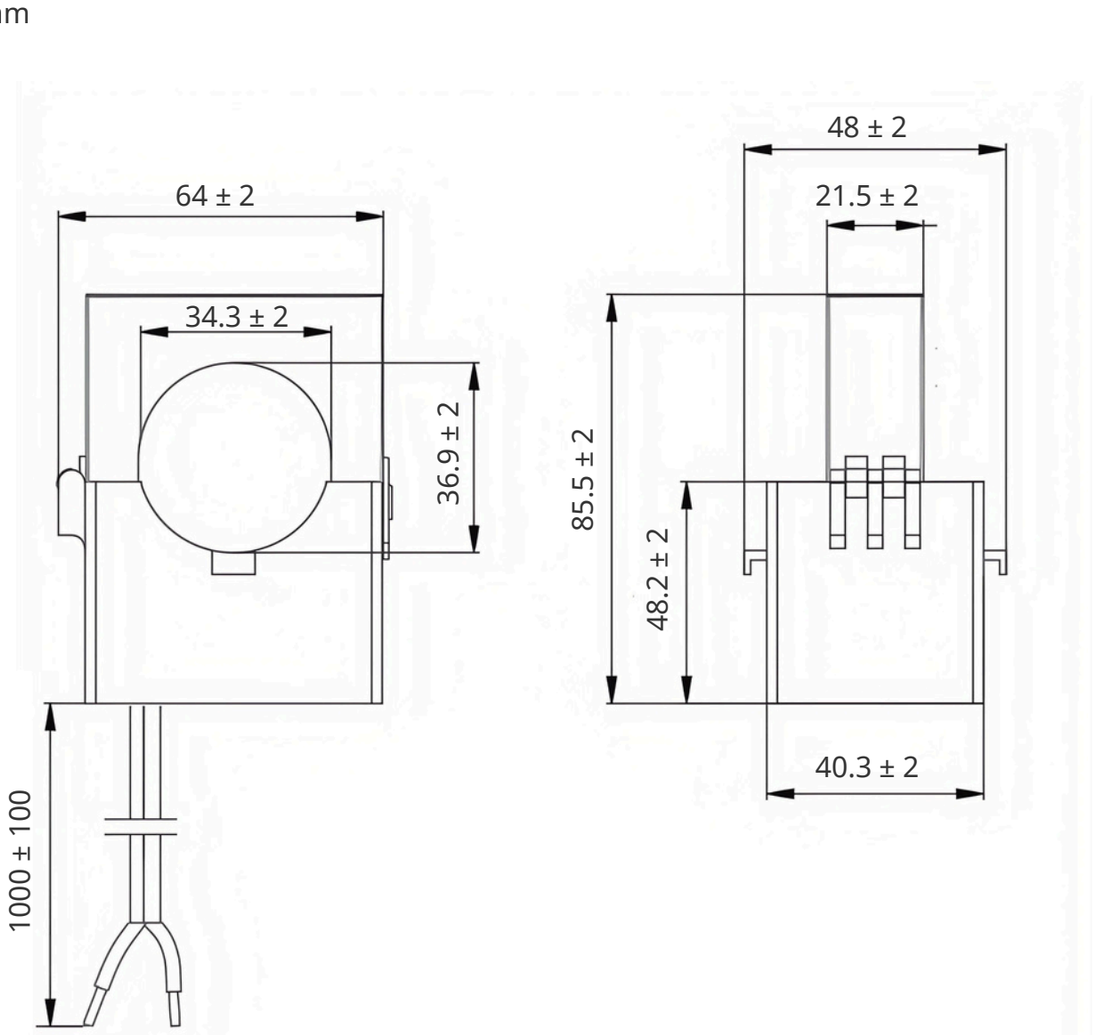
Technical Data

Rated Primary Current (I_n)	400A AC	Dielectric Strength	3000V AC (1mA, 1 min, cable-through)
Rated Secondary Current (I_o)	66.6mA AC	Insulation Resistance	≥ 100 MΩ @ 500V DC
Ratio Error ± (%)	≤ 1.5, 0.75, 0.5, 0.5 (@5%, 20%, 100%, 120%I_n)	Operating Temperature	-25°C ~ +55°C
Phase Displacement ± (')	≤ 90, 45, 30, 30 (@5%, 20%, 100%, 120%I_n)	Operating Humidity	≤ 90% RH (Non-condensing)
Operating Frequency	50Hz / 60Hz	Enclosure Material	UL94-V0
Rated Secondary Burden	10 Ω	Output Cable	1 meter, Black/White Parallel Wire

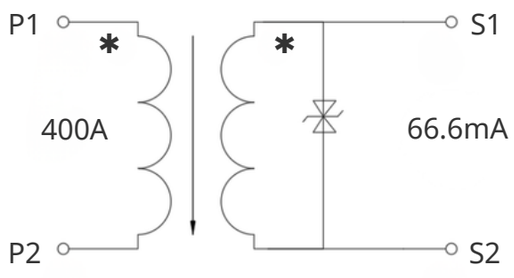
Note: When paired with energy meters featuring phase compensation (such as Bituo Technik SDM meters), the overall system accuracy can easily achieve Class 1 standards following IEC61557-12.

Mechanical Data

Unit in mm



Wiring & Polarity



Ensure correct polarity for accurate measurement:

- Primary: P1 → P2 (P1 to Power, P2 to Load)
- Secondary: S1 (+): White wire; S2 (-): Black wire