



Split Model CT105SS

SPLIT-CORE CURRENT TRANSFORMER

For Outdoor Use • 100% Waterproof IP68 Rated

- Designed for measuring ground wire currents
- Weatherproof; NEMA type 6P/IP68W
- Removable or hinged top bar
- Variety of window sizes available
- Current range up to 15KA, 50/60Hz
- Accuracy class 1.0 for standard model
- *Also available as Solid-Core (non-split) CT*

Bicron's Split-Core ground fault current transformers are outdoor instrument current transformers designed to provide either 1A or 5A output current. Intended for ground fault monitoring or metering of outdoor conductors. Designed with a special, non-corrosive core and a removable top bar. A hinged top bar is available by special order.

PRODUCT SPECIFICATIONS	
Environmental	NEMA Type 6P / IP68W
Rated primary current	select any up to 15000A
Rated frequency	50/60Hz
Rated standard output	1A or 5A
Accuracy at Full Scale	Standard: Class 1.0 per IEC 61869 Table 201. Class 0.5 is an option.
Operating Temperature	-40 to 70°C
Phase shift across CT	Less than 1 degree
Output impedance, Zout	Specify your burden
Rated insulation level	600VAC, class 105
Dimensions	Specify & depends on instrument load (burden)
Signal cable	8 ft standard, twisted pair B/W, 16AWG, sheathed

Popular Models:

Model	Input Current Full Load	Output Current	Window Opening	VA Burden	Lead Length
CT105SS-100:5A-1.5x1.5-8ft	100A	5A	1.5"x1.5"	0.24	8 feet
CT105SS-200:5A-1.5x1.5-24ft	200A	5A	1.5"x1.5"	0.24	24 feet
CT105SS-200:5A-1.5x1.5-16ft	200A	5A	1.5"x1.5"	0.24	16 feet
CT105SS-400:5A-2.0x2.0-8ft	400A	5A	2.0"x2.0"	10	8 feet
CT105SS-600:420mA-1.5-8ft	600A	4-20mA	1.5	Loop Res	8 feet

Note: Standard sizes may vary according to selected instrument load (burden) · Custom sizes are available