

5A Solid Core CTs – 3.25” Aperture

Solid core current transformer. Transforms AC input current of up to 2000 Amps into an output current of 5A. General usage includes high-accuracy applications such as tenant submetering.



Product Numbers and Variants

Product Number	Product Name	Product Description	Jurisdictional Listing/Approvals
905-131-01	400A:5A Solid Core (3.25" dia.)	400A:5A solid-core CT with 3.25" diameter aperture. 600 VAC rated.	Canada (MC)
900-339-01	600A:5A Solid Core (3.25" dia.)	600A:5A solid-core CT with 3.25" diameter aperture. 600 VAC rated.	Canada (MC)
900-368-01	800A:5A Solid Core (3.25" dia.)	800A:5A solid-core CT with 3.25" diameter aperture. 600 VAC rated.	Canada (MC)
900-340-01	1600A:5A Solid Core (3.25" dia.)	1600:5A solid-core CT with 3.25" diameter aperture. 600 VAC rated. MC approved.	Canada (MC)
905-100-01	2000A:5A Solid Core (3.25" dia.)	2000A:5A solid-core CT with 3.25" diameter aperture. 600 VAC rated.	Canada (MC)

Features and Specifications

- Application: High accuracy metering applications for billing or monitoring
- Frequency: 50-400 Hz
- Insulation level: 600 Volt, 10 kV BIL full wave
- Flexible leads are UL 1015, 105°C, CSA approved, #16 AWG, 24" long
- Approximate weight: 2.5 lbs.
- Approved for revenue metering by Industry Canada No. T-188

Caution: Proper safety precautions must be followed during installation by a trained electrician. Never install while bus is energized. The current transformer must have its secondary terminals short circuited or the burden connected, before energizing the primary circuit.

Current Ratio	V.A. +/- 1% Class	ANSI Metering Class @ 60 HZ					Secondary Winding Resistance (Ω @ 75°C)	Continuous Thermal Rating Factor	
		B0.1	B0.2	B0.5	B0.9	B1.8		@30°C	@55°C
400:5	25.0	0.3	0.3	0.6	1.2	2.4	0.079	2.0	1.5
600:5	50.0	0.3	0.3	0.6	0.6	1.2	0.147	1.5	1.33
800:5	60.0	0.3	0.3	0.3	0.6	0.6	0.197	1.5	1.0
1600:5	100.0	0.3	0.3	0.3	0.3	0.6	0.337	1.33	0.8
2000:5	120.0	0.3	0.3	0.3	0.3	---	0.422	1.0	0.8

