



POWER MONITORING & PROTECTION

SOLID-CORE CURRENT TRANSFORMERS

AL SERIES

DESCRIPTION

The **Electromagnetic Industries AL Series Solid-Core Current Transformers** provide a low-amperage current output proportional to line current and are for use in building automation and metering applications. These low-cost current transformers are ideal as inputs to power monitors, such as the **Indicator™** and current transducers, such as Models **4CTV** and **4CMA**.



Electromagnetic Industries LLP.



FEATURES

- 5A secondary
- Flexible leads are UL 1015 105°C, CSA approved, #16 AWG, 24"L (61 cm)
- UL recognized component, CSA certified



AL



SPECIFICATIONS

Secondary Current	0-5A
Frequency	50-400 Hz
Insulation Class	600V, 10 kV BIL, Full Wave
Lead Wires	24" (61 cm), 16 AWG
Window Size	1.05" (2.57 cm)
Materials Of Construction	Plastic, UL94V-1
Weight	0.5 lb (0.23 Kg)
Approvals	UL File #E238872; CSA File #245941
Warranty	1 year

CAUTION: Proper safety precautions must be followed by a trained electrician during installation. It is recommended that the incoming power be de-energized before installation. The current transformer must have its secondary terminals short-circuited or the burden (load) connected before energizing the primary circuit. For indoor use only. Use on insulated conductors only.

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ORDERING INFORMATION

Current Ratio Code	Current Ratio	Model 2AL	
		Outer diameter = 2.46" (6.25 cm) Window diameter = 1.05" (2.67 cm)	
		Accuracy %	VA
500	50:5	±3	2.0
750	75:5	±2	2.0
101	100:5	±1	2.0
151	150:5	±1	4.0
201	200:5	±1	4.0
251	250:5	±1	6.0
301	300:5	±1	8.0
401	400:5	±1	10.0

2AL - 201

Example: 2AL201

Model AL current transformer with 1.05" (2.67 cm) window diameter and a 200:5 current ratio