

# GLS-EM-CT-200A/-400A/-600A

## Split Core Current Transformers



GLS-EM-CT-600A Shown

- Provides detailed branch circuit data to a GLS-EM-MCU Crestron Green Light® power meter control unit
- +/- 1% measuring accuracy at 10% to 130% of rated current
- Twisted pair wire leads
- Easy Installation over existing wiring

Crestron® GLS-EM-CT split core current transformers are designed for use with a GLS-EM-MCU Crestron Green Light® Power Meter Control Unit<sup>1</sup> and are essential for reporting branch circuit data to the unit.

### Wire Leads

GLS-EM-CT transformers are furnished with a twisted pair of wires that connect to a GLS-EM-MCU Power Meter Control unit. The wire leads can be trimmed and stripped for specific applications.

### Easy Installation

Split core transformers are placed around existing wire feeds by detaching and reattaching the transformer's removable clamp and wiring the leads to a GLS-EM-MCU. This method allows for minimal disturbance of existing installations.

## Specifications

### Measurements

<b>Nominal Rating</b>	GLS-EM-CT-200A: 200 A GLS-EM-CT-400A: 400 A GLS-EM-CT-600A: 600 A
<b>Ratio Error</b>	<1% at rated current (typical)
<b>Phase Error</b>	<2° at rated current (typical)
<b>Accuracy</b>	+/- 1% measuring accuracy at 10% to 130% of rated current

### Electrical

<b>Output</b>	333 mV at rated current
<b>Frequency Range</b>	50-400 Hz

### Safety

<b>Working Voltage</b>	600 VAC, Category III
<b>Dielectric Strength</b>	5000 VAC, around case 600 V rated leads

### Connections

<b>Leads</b>	9.8 ft (3 m) length; Twisted pair, 20 AWG
<b>Wire Polarity</b>	White - Positive (+) Black - Negative (-)

### Environmental

<b>Temperature</b>	-4° to 131° F (-20° to 55° C)
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### Enclosure

<b>Case Material</b>	Epoxy encapsulated housing
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### Dimensions

<b>Height</b>	3.35 in. (85 mm)
<b>Width</b>	3.25 in. (83 mm)
<b>Depth</b>	1.00 in. (25 mm)
<b>Window Size</b>	1.25 in. (32 mm)

### Compliance

UL STD 61010-1, EN 60044-1, CAN/CSA STD C22.2 No. 61010-1

# GLS-EM-CT-200A/-400A/-600A

## Split Core Current Transformers

### Models

#### GLS-EM-CT-200A

200 A Split Core Current Transformer

#### GLS-EM-CT-400A

400 A Split Core Current Transformer

#### GLS-EM-CT-600A

600 A Split Core Current Transformer

#### Notes:

1. To prevent wire noise, the maximum distance between a GLS-EM-MCU or GLS-EM-CTI and a GLS-EM-CT should not exceed 50 ft (15.24 m). This maximum distance applies to the following product models: GLS-EM-MCU, GLS-EM-CTI-\* and GLS-EM-CT-\*.

This product may be purchased from select authorized Crestron dealers and distributors. To find a dealer or distributor, please contact the Crestron sales representative for your area. A list of sales representatives is available online at [www.crestron.com/How-To-Buy/Find-a-Representative](http://www.crestron.com/How-To-Buy/Find-a-Representative) or by calling 855-263-8754.

This product is covered under the Crestron standard limited warranty. Refer to [www.crestron.com/warranty](http://www.crestron.com/warranty) for full details.

The specific patents that cover Crestron products are listed online at [patents.crestron.com](http://patents.crestron.com).

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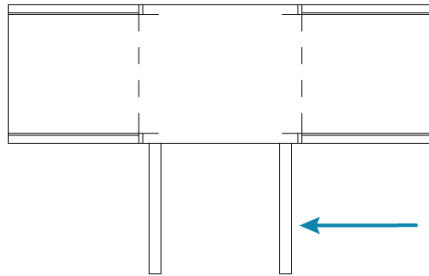
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(2x) 8 ft (2.4 m)  
Lead Wires (Twisted Pair)  
Cut as Required.

