

The **MLG-HE2** Series of split core Hall Effect current sensors are suited for non-contact measurement of DC currents

## Features:

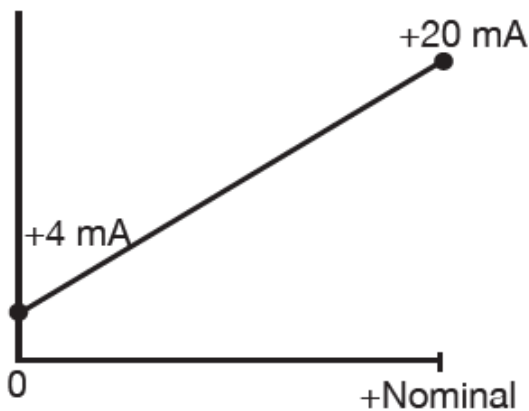
- **Split core** for easy measurement of existing systems
- **50A, 100A and 200A** models available
- **0.83" (21mm) aperture** allows for large diameter current conductors
- **Uni-directional** and **bi-directional current** models
- **Pluggable** screw terminals
- Panel mountable
- +-15Vdc supply
- **4-20mA output**
- Open loop current sensor
- 1% accuracy



## Model Numbers:

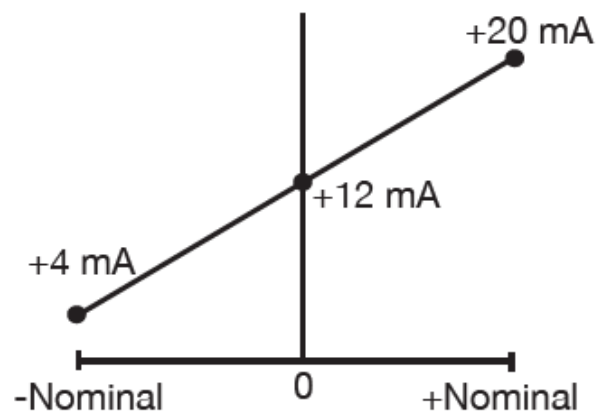
Measurlogic Part Number	Description	Amperage Rating (A)	Current direction
<b>CTRF-0960</b>	MLG-HE2-0-420-U-SP	50A	Uni-directional
<b>CTRF-0964</b>	MLG-HE2-1-420-U-SP	100A	
<b>CTRF-0968</b>	MLG-HE2-2-420-U-SP	200A	
<b>CTRF-0962</b>	MLG-HE2-0-420-B-SP	50A	Bi-directional
<b>CTRF-0966</b>	MLG-HE2-1-420-B-SP	100A	
<b>CTRF-0970</b>	MLG-HE2-2-420-B-SP	200A	

## Input / Output Characteristics:



INPUT (A)dc only

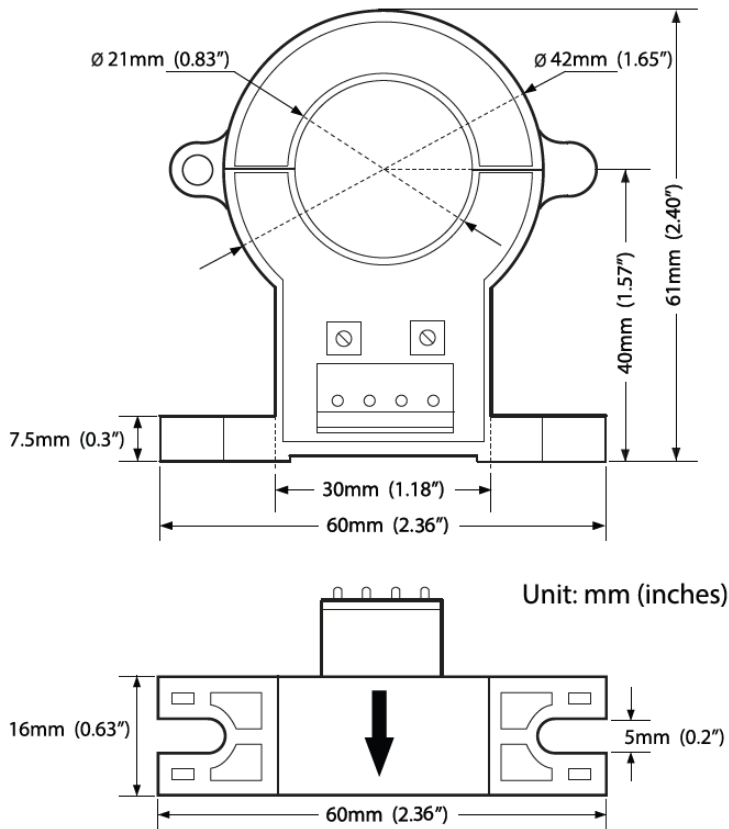
**Uni-Directional**



INPUT (A)dc only

**Bi-Directional**

## Mechanical Dimensions: mm (inches)



## Wiring connections:



WIRING	
+	+15Vdc
-	-15Vdc
M	Signal output
⊥	Common

## Technical Specifications

Parameter	Description
Rated primary Current	50A, 100A and 200A
Rated Output	4-20mA
Power Supply	+/- 15Vdc Required, 35mA maximum
Temperatures	Storage: -22°F to 221°F (-30°C - 105°C) Operating: 14°F to 185°F (-10°C - 85°C)
Offset	None
UL Maximum Voltage	600Vac on bare conductor
Operating Frequency	DC
Certifications	61010-1, EN 60044-1
Accuracy	+/- 1% Class per IEC 61869-2
Weight	0.23lbs (0.104 kg)