

# Model LCDC

## Miniature Current Transducer

Made in the USA

- Input Range: 1A to 100A
- Output: 2.5, 5, or 10VDC
- Accuracy Class 1.0 Standard
- Window Size 0.45

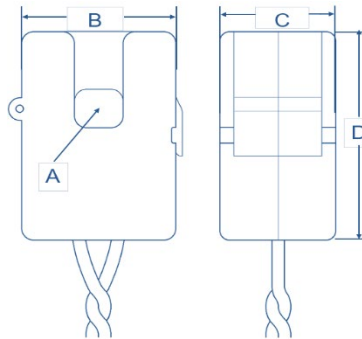


The Model LCDC is the transducer style of current transformer of the Model LC45. The LCDC is UL Recognized E318465. Due to the small size, the LCDC has a 100A maximum input current, making it ideal for monitoring cramped locations such as control panels.

### Specifications

<i>Input Current</i>	100AC current max, sinewave, single phase 50/60HZ
<i>Voltage Rating</i>	600VAC
<i>Output voltage</i>	2.5, 5, or 10VDC at full range. True RMS conversion for AC sine waves only
<i>Ratio and Linearity Accuracy</i>	±1% from 10% to 100%
<i>Response Time</i>	Approximately 500 milliseconds from 10% to 90% of amplitude for CT's over 100A
<i>Output Resistance</i>	100 to 3,500Ω, depending on current rating
<i>Interface Resistance</i>	100kΩ minimum. Other instrument impedances can be interfaced on special orders
<i>Temperature Range</i>	-20°C to 55°C
<i>Temperature Coefficient</i>	Less than 0.5% from -20°C to 55°C
<i>Lead Wires</i>	8ft. twisted black and red, 22AWG per UL1015

LCDC CHART		
Input AC Full AMPS	Select DCV Output	Part Number to Order Y=DCV
5A	2.5, 5.0, 10.0	LCDC-5A:Y=DCV
10A	2.5, 5.0, 10.0	LCDC10A:Y=DCV
15A	2.5, 5.0, 10.1	LCDC-15A:Y=DCV
20A	2.5, 5.0, 10.2	LCDC-20A:Y=DCV
25A	2.5, 5.0, 10.0	LCDC-25A:Y=DCV
30A	2.5, 5.0, 10.0	LCDC-30A:Y=DCV
50A	2.5, 5.0, 10.0	LCDC-50A:Y=DCV
75A	2.5, 5.0, 10.0	LCDC-75A:Y=DCV
100A	2.5, 5.0, 10.0	LCDC-100A:Y=DCV



Model	A	B	C	D
LCDC	0.45"	1.32"	1.92"	0.91"