

# Model Series 4LSC

Non-Split Busbar Window Sizes  
 Solid Current Transformers  
 UL Listed E361441, XOBA



- **Busbar and Small Fixed Windows**
- **Many Standard and Semi-Standard Sizes**
- **High Accuracy Class 1.0, 0.5 and 0.2**
- **Universal molded housing construction**
- **100A to 6000A, 450+ window openings**
- **Select AC volts or current ratio output**
- **Accuracy per Table 201 IEC 61869**

The 4LSC Non-split current transformers are indoor type for Measurement Category Class IV for use in energy monitoring and general electrical current sensing for field installations. The transformers have been designed and are manufactured in the US to meet the requirements of UL2808 plus CSA C22.2 No. 61010-1. They are provided with either internal burden resistors to set the AC output voltage, or current ratios for up to 0.333A output. The current output type is provided with an internal voltage suppressor for safety. Customer provides the external burden value to limit output current to 0.333A then selects full load input current and with window size. *The tables below are standard bus bar sizes -- custom sizes are easily made using our universal housing construction method.*

## Specifications:

All products are designed and manufactured in the US

<b>Input Current</b> .....	AC current, sine wave, single phase 50/60Hz
<b>Voltage Rating</b> .....	600VAC, rated CAT IV
<b>Bandwidth</b> .....	50Hz/60Hz
<b>Output Voltage (set by internal resistor)</b> .....	100mV, 250mV, 333mV, 500mV, 1VAC
<b>Output Current</b> .....	Up to 333mA maximum
<b>Standard Accuracy</b> .....	Class 1 per Table 201 IEC 61869
<b>Optional Accuracy</b> .....	Class 0.5 per Table 201 IEC 61869
<b>Output Resistance (Voltage Output)</b> .....	<100Ω typical
<b>Interface Resistance</b> .....	Must be >100kΩ
<b>Temperature Range</b> .....	-40°C to 70°C
<b>Continuous Current Rating Factor</b> .....	1X@70°C
<b>Altitude</b> .....	Up to 2000 meters
<b>Construction</b> .....	Molded high temp UL plastic and/or potted construction per UL requirements
<b>Lead Wires</b> .....	.8ft. twisted black/white, 18AWG MTW, UL1015, 600V, 105°C
	<b>Pollution</b> .....2



## Most Popular Sizes

2.5x2.5	333mV Out
4LSC-200A:333mV-2.5X2.5	
4LSC-600A:333mV-2.5X2.5	
4LSC-800A:333mV-2.5X2.5	
4LSC-1000A:333mV-2.5X2.5	

4.0X4.5	333mV Out
4LSC-400A:333mV-4.0X4.5	
4LSC-600A:333mV-4.0X4.5	
4LSC-800A:333mV-4.0X4.5	
4LSC-1000A:333mV-4.0X4.5	
4LSC-1200A:333mV-4.0X4.5	
4LSC-1500A:333mV-4.0X4.5	
4LSC-2000A:333mV-4.0X4.5	
4LSC-3000A:333mV-4.0X4.5	
4LSC-4000A:333mV-4.0X4.5	

5.0X7.0	333mV Out
4LSC-800A:333mV 5.0X7.0	
4LSC-1000A:333mV 5.0X7.0	
4LSC-2000:333mV-5.0X7.0	
4LSC-3000A:333mV-5.0X7.0	
4LSC-4000A:333mV-5.0X7.0	
4LSC-5000A:333mV-5.0X7.0	
4LSC-6000A:333mV-5.0X7.0	

Remove power before  
 installing this product.





# Semi-Custom Sizes

Window		Window		Window	
<b>1.25X2.0</b>	<b>333mV Out</b>	<b>3.0X3.0</b>	<b>333mV Out</b>	<b>4.0X6.0</b>	<b>333mV Out</b>
4LSC-400A:333mV-1.25X2.0		4LSC-200A:333mV-3.0X3.0		4LSC-2000A:333mV-4.0X6.0	
		4LSC-800A:333mV-3.0X3.0		4LSC-2500A:333mV-4.0X6.0	
<b>1.5X2.0</b>	<b>333mV Out</b>	4LSC-1000A:333mV-3.0X3.0		4LSC-3000A:333mV-4X6	
4LSC-600A:333mV-1.5X2.0		4LSC-2400A:333mV-2.0X3.0			
				<b>5.0X5.0</b>	<b>333mV Out</b>
<b>1.5X3.5</b>	<b>333mV Out</b>	<b>3.0X3.5</b>	<b>333mV Out</b>	4LSC-400A:333mV-5X5	
4LSC-600A:333mV-1.5X3.5		4LSC-800A:333mV-3.0X3.5		4LSC-1600A:333mV-5X5	
4LSC-800A:333mV-1.5X3.5				4LSC-1800A:333mV-5X5	
		<b>3.0X4.0</b>	<b>333mV Out</b>	4LSC-2000A:333mV-5X5	
<b>1.5X4.0</b>	<b>333mV Out</b>	4LSC-1600A:333mV-3.0X4.0		4LSC-2500A:333mV-5X5	
4LSC-800:333mV-1.5X4.0				4LSC-3000A:333mV-5X5	
4LSC-2000A:333mV-1.5X4.0		<b>3.0X7.0</b>	<b>333mV Out</b>		
		4LSC-4000A:333mV-3X7		<b>5.0X7.0</b>	<b>333mV Out</b>
<b>2.0X2.0</b>	<b>333mV Out</b>			4LSC-800A:333mV 5.0X7.0	
4LSC-100A:333mV-2.0X2.0		<b>4.0X4.0</b>	<b>333mV Out</b>	4LSC-1000A:333mV 5.0X7.0	
4LSC-200A:333mV-2.0X2.0		4LSC-400A:333mV-4.0X4.0		4LSC-2000:333mV-5.0X7.0	
4LSC-300A:333mV-2.0X2.0		4LSC-500A:333mV-4.0X4.0		4LSC-3000A:333mV-5.0X7.0	
4LSC-600A:333mV-2.0X2.0		4LSC-600A:333mV-4.0X4.0		4LSC-4000A:333mV-5.0X7.0	
		4LSC-800A:333mV-4.0X4.0		4LSC-5000A:333mV-5.0X7.0	
<b>2.0x3.0</b>	<b>333mV Out</b>	4LSC-1000A:333mV-4.0X4.0		4LSC-6000A:333mV-5.0X7.0	
4LSC-200A:333mV-2.0X3.0		4LSC-1200A:333mV-4.0X4.0			
4LSC-300A:333mV-2.0X3.0		4LSC-1600A:333mV-4.0X4.0		<b>5.0X8.0</b>	<b>333mV Out</b>
4LSC-400A:333mV-2.0X3.0		4LSC-2000A:333mV-4.0X4.0		4LS-3000A:333mV-5.0X8.0	
4LSC-500A:333mV-2.0X3.0					
4LSC-600A:333mV-2.0X3.0		<b>4.0X4.5</b>	<b>333mV Out</b>	<b>6.0X6.0</b>	<b>333mV Out</b>
4LSC-800A:333mV-2.0X3.0		4LSC-400A:333mV-4.0X4.5		4LS-1600A:333mV-6.0X6.0	
4LSC-1000A:333mV-2.0X3.0		4LSC-600A:333mV-4.0X4.5		4LSC-3000A:333mV-6X6	
4LSC-1500A:333mV-2.0X3.0		4LSC-800A:333mV-4.0X4.5			
		4LSC-1000A:333mV-4.0X4.5		<b>6.0X8.0</b>	<b>333mV Out</b>
<b>2.5x2.5</b>	<b>333mV Out</b>	4LSC-1200A:333mV-4.0X4.5		4LS-1200A:333mV6.0X8.0	
4LSC-200A:333mV-2.5X2.5		4LSC-1500A:333mV-4.0X4.5		4LSC-2400A:333mV-6.0X8.0	
4LSC-600A:333mV-2.5X2.5		4LSC-2000A:333mV-4.0X4.5		4LSC-3000A:333mV-6.0X8.0	
4LSC-800A:333mV-2.5X2.5		4LSC-3000A:333mV-4.0X4.5		4LSC-4000A:333mV-6.0X8.0	
4LSC-1000A:333mV-2.5X2.5		4LSC-4000A:333mV-4.0X4.5		4LSC-6000A:333mV-6.0X8.0	