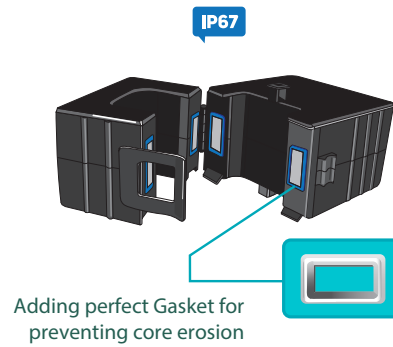




# PRECISION OUTDOOR USE SPLIT-CORE CURRENT TRANSFORMER JSXXL-XXX-1A series



UL US  
E344623 CE



## HOW TO USE 1



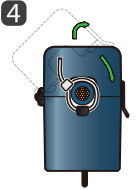
## 2



## 3



## 4



The JSXXL series Water proof Split Core Current Transformers are designed for assembly to an existing electrical installation without the need for dismantling the primary bus or cables. These current transformers are a water proof design suitable for use outdoor or in direct burial applications.

### APPLICATIONS

- Energy sub - meter
- Power meters
- Power quality monitoring
- HVAC&Pumps, etc
- Distributed measurement system

### FEATURES

- The mating surfaces of the transformer cores are protected by a rubber gasket.
- The transformer cases are UV stabilized thermoplastic.
- Water proof (IP67 or IP65 Option)

### BENEFITS

- Small-size, light-weight
- Simple Installation
- Over-Voltage protection circuit is installed.

### NOTICE

- Core contact surface is waterproofed, however if it gets rusty, you could reuse after removing rusts with spraying WD-40 or CRC5-56 on the rusted side
- Do not use any other chemicals except WD-40 or CRC5-56 on housing or any other parts
- Customizing output lead wire

### SPECIFICATION

Accuracy	Class 0.5S / 1.0 / 3.0
Output Terminals	Twisted pair, 18AWG cable
System Voltage	720V(0.72kV)
Overload withstand	1.2 times rated current continuously
Compliant with	IEC/EN61869-2 & IEC61010-1
Operating Temperature Range	-20°C to 55°C
Relative Humidity	0-85% non-condensing
Test Voltage	3kV for 1minute
Frequency Range	50/60Hz
Protection Level	Bipolar 6.5Vp
Insulation Category	CATIV 300VAC



## CURRENT TRANSFORMER RATIOS / DIMENSIONS

### How to Order / Model Reference

eg **J S 2 1 L - 0 0 0 / 0 A**

Model	<b>J S 2 1 L</b>
Primary Current	Select code from ratio table
Secondary Current	<b>1 A</b>

### Current Transformer Ratios

Primary Current (A)	Metering Burden(VA)				Code
	cl. 0.5S	cl. 1	cl. 3	Code	
	cl. 0.6	cl. 1.2	cl. 2.4		
100			1.0	100	
125			1.0	125	
150			1.0	150	
200			1.0	200	
250		1.0		250	
300		1.5		300	

**1A Secondary**

Accuracy conforms to IEC61869-2 & IEEE/ANSI C57.13 meets the measuring range from 1 to 120 % of  $I_n$

### How to Order / Model Reference

eg **J S 3 2 L - 0 0 0 / 0 A**

Model	<b>J S 3 2 L</b>
Primary Current	Select code from ratio table
Secondary Current	<b>1 A</b>

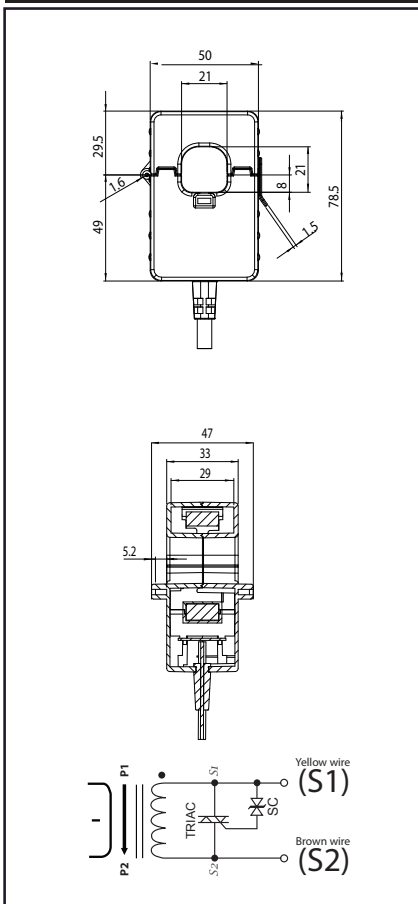
### Current Transformer Ratios

Primary Current (A)	Metering Burden(VA)				Code
	cl. 0.5S	cl. 1	cl. 3	Code	
	cl. 0.6	cl. 1.2	cl. 2.4		
300		1.5		300	
400	0.5			400	
500	0.5			500	
600	0.5			600	

**1A Secondary**

Accuracy conforms to IEC61869-2 & IEEE/ANSI C57.13 meets the measuring range from 1 to 120 % of  $I_n$

### Dimensions



### Dimensions

