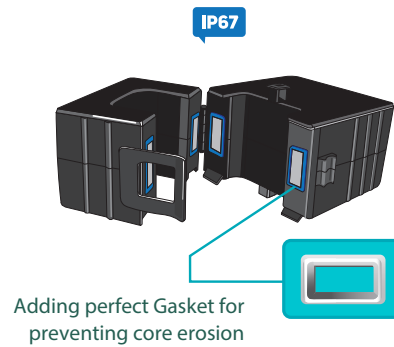




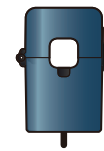
# PRECISION OUTDOOR USE SPLIT-CORE CURRENT TRANSFORMER JSXXL-XXX-100mA series



CE E344623



## 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 1.0
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 / 1 0 0 mA**

Model **J S 2 1 L**

Primary Current

Select code from ratio table

Secondary Current

100mA

**1 0 0 mA**

### Current Transformer Ratios

Primary Current (A)	Metering Burden(VA)			Code
	cl. 0.2S	cl. 0.5S	cl. 1	
	cl. 0.3	cl. 0.6	cl. 1.2	
100			0.05	100
125			0.05	125
150			0.05	150
200			0.05	200
250			0.05	250
300			0.05	300

100mA Secondary

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

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Model **J S 3 2 L**

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100mA

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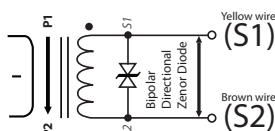
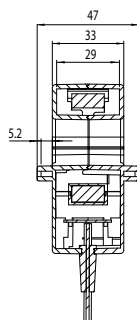
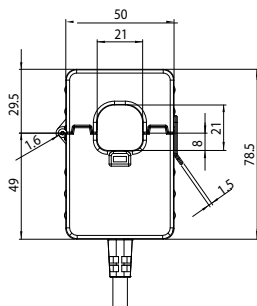
### Current Transformer Ratios

Primary Current (A)	Metering Burden(VA)			Code
	cl. 0.2S	cl. 0.5S	cl. 1	
	cl. 0.3	cl. 0.6	cl. 1.2	
300			0.05	300
400			0.05	400
500			0.05	500
600			0.05	600

100mA Secondary

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

### Dimensions



### Dimensions

