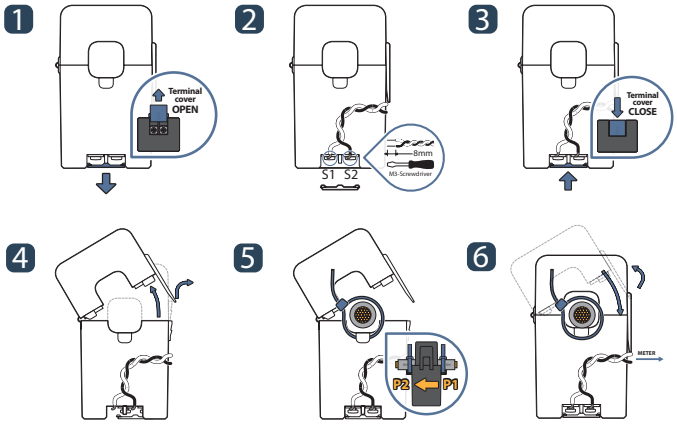
SPLIT-CORE CURRENT TRANSFORMER

JCXXS-XXX-1A series

E344623

HOW TO USE



JC series of split-core current transformer offers 1A at secondary from sensed primary current for metering application. It can be used for power meter, distribution system, control panels, switchgear and other equipment. It is designed to install to live power line without disconnection as split-core compact type. Also, over-voltage protection circuit is included to offer safe, fast and cost effective installation.

APPLICATIONS

- Power meter
- Switchgear
- Distributed measurement systems
- General Sets
- Control panels

FEATURES

- PC spring, output-terminal, secure locking hinge, one-touch structure make easy to install to the existent equipments such as a power distribution boards.
- Isolated plastic case recognized according to UL94-V0
- UL / EN 61010 - 1 certified

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	2 X M3-Screw, with Terminals cover
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	CAT Ⅱ or CAT Ⅲ 600VAC

CURRENT TRANSFORMER RATIOS / DIMENSIONS

How to Order / Model Reference

eg JC24S-000/0A

Model	JC24S
Primary Current	
Select code from ratio table	
Secondary Current	
1A	1A

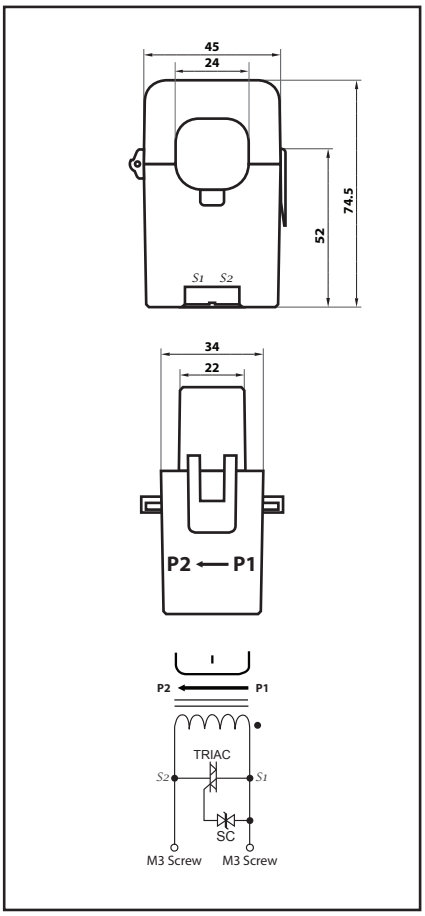
Current Transformer Ratios

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

1A Secondary

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

Dimensions



How to Order / Model Reference

eg JC36S-000/0A

Model	JC36S
Primary Current	
Select code from ratio table	
Secondary Current	
1A	1A

Current Transformer Ratios

Primary Current (A)	Metering Burden(VA)			Code
	cl. 0.5S	cl. 1	cl. 3	
	cl. 0.6	cl. 1.2	cl. 2.4	
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 In

Dimensions