



SPLIT-CORE CURRENT TRANSFORMER

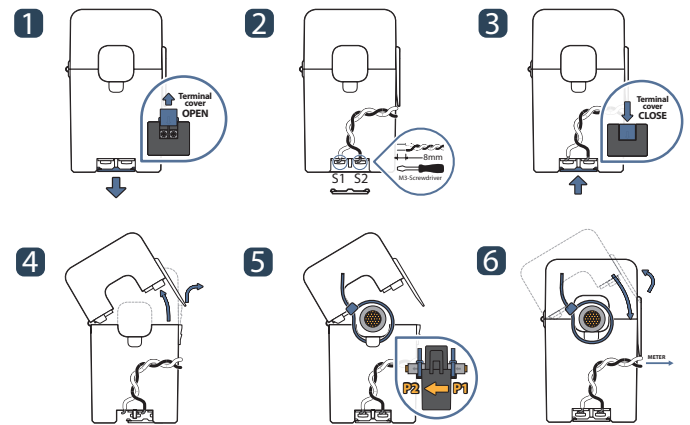
JCXXS-XXX-1A series



UL US E344623 CE



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 1 minute |
| 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 **J C 2 4 S - 0 0 0 / 0 A**

Model **J C 2 4 S**

Primary Current
Select code from ratio table

Secondary Current
1 A

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 | |
| 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

How to Order / Model Reference

eg **J C 3 6 S - 0 0 0 / 0 A**

Model **J C 3 6 S**

Primary Current
Select code from ratio table

Secondary Current
1 A

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 | | |
| 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

