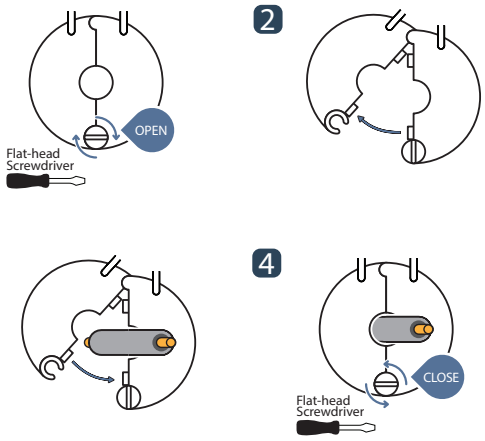
SPLIT-CORE CURRENT TRANSFORMER

JS08W-mA Series

E344623

HOW TO USE



The split-core current transformer design is used for energy efficiency monitoring and automation applications. This includes sub-metering cost allocation, dynamic energy consumption and peak load analysis. The JS series of current transformer is simple to use, compact split-core design which is easily installed for metering applications. This is ideal for distributed measurement systems and can be retro-fitted into existing installations and non-interruptible equipment as there is no requirement for disconnection and reconnection of wiring.

APPLICATIONS

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

FEATURES

- Output-lead-wire, secure locking hinge, flat screw clip type make easy to install to the exist ent 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

NOTICE

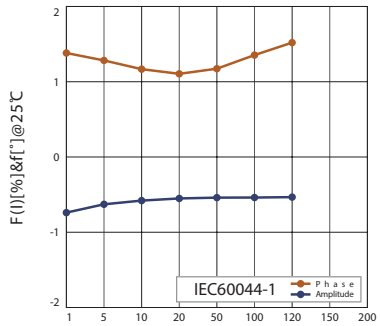
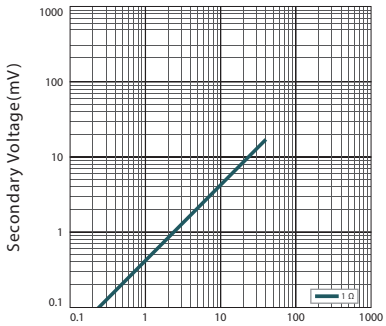
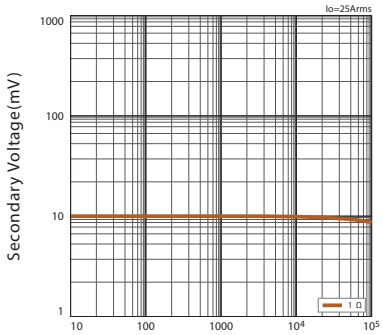
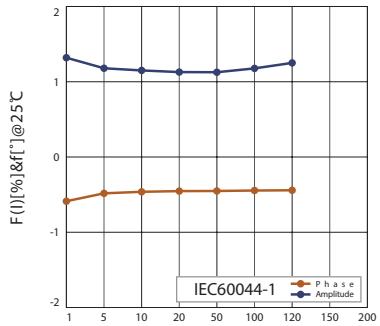
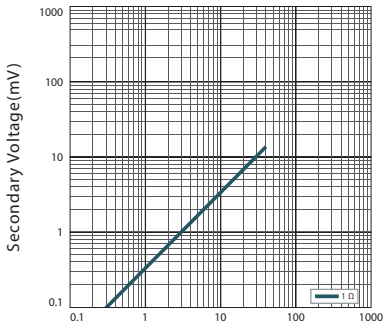
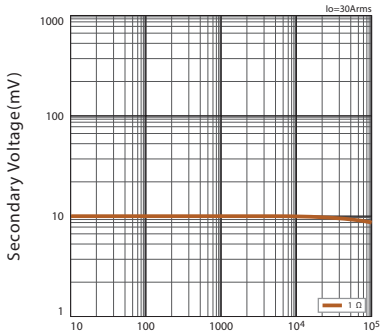
- Core contact surface is waterproofed, however if it gets rusty, you could reuse after removing rusts with spraying WD-40 or CRC5-56 on the rusted side.
- Do not use any other chemicals except WD-40 or CRC5-56 on housing or any parts.
- Additionally, CTs are deliverable with customized output lead cable.

SPECIFICATION

(F=50/60Hz)

Model	JS08W-25 Ø8.5	JS08W-30 Ø8.5
Current Ratio	25A/10mA	30A/10mA
Current Range	0.01~42A (RL=1Ω)	0.01~45A (RL=1Ω)
Max Continuous Current	70A	70A
Nominal Phase Angle Error	+1±1°	+1±1°
Nominal Linearity Error	-0.5 ~ ±1%	-0.5 ~ ±1%
Turns Ratio	2500:1	3000:1
DCR	200±20Ω	240±24Ω
Protection Level	Over-voltage protection circuit is not included, please pay careful attention during installation	
Insulation Category	CATⅢ 600V AC / PD2	
Operating Condition	-20°C~+50°C, ≤85%RH, No condensation, In-house & Any direction installable	
Storage Condition	-30°C~+90°C, ≤85%RH, No condensation	

ACCURACY DATA

Model	Linearity & Phase Angle Error	Output Voltage@RL=1Ω	Output Frequency
JS08W -25			
JS08W -30			

APPLICATIONS / DIMENSIONS