



SPLIT-CORE CURRENT TRANSFORMER **JCXXF-333mV series**











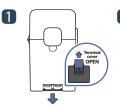




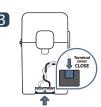






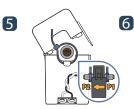














JC series of split-core current transformer offers 333mV at secondary from sensed primary current. Without using secondary CT inside of meter, users directly connect JC series to meter for high accuracy metering application. It enables one meter to be adopted for various current rating by only changing primary CT so it makes compact meter design and reduces developing cost. Also, over-voltage protection circuit is included to offer safe, fast and cost effective installation.

APPLICATIONS

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

FEATURES

- High accuracy: 1% from 10% to 120% of rated current
- · Nylon-spring, output-terminal, secure locking hinge, one-touch structure makes 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

- If you impact the core contact surface, internal core material could be damaged.(Ø10, Ø16, Ø24 type)
- · 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.(Ø36 type)
- Do not use any other chemicals except WD-40 or CRC5-56 on housing or any other parts.
- Please use only the original output screws. Not recommanded to replace it with anything else.
- Customizing output lead wire

SPECIFICATION

(F=50/60Hz)

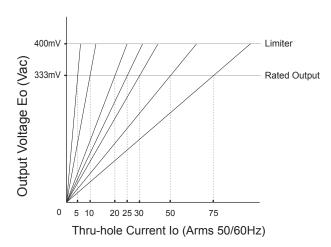
Model	JC10F-333(xxx)	JC16F-333(xxx)	JC24F-333(xxx)	JC36S-333(xxx)				
	Ø10	Ø16	Ø24	Ø36				
Amperage Range	5, 10, 20, 25 30, 50, 75	70, 100	5, 10, 30, 50, 70 100, 150, 200	300, 400, 500, 600				
Output Voltage	333mV							
Nominal Phase Angle Error	+1.5 ± 1°	+1.0 ± 1°	+1.0 ± 1°	+0.5 ± 0.5°				
Nominal Linearity Error	-1 ± 1%	-1 ± 1%	-1 ± 1%	± 1%				
Protection Level		3.0V0-P						
Insulation Category	CATIII							
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							



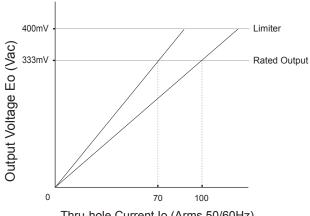


OUTPUT VOLTAGE DATA

JC10F-333

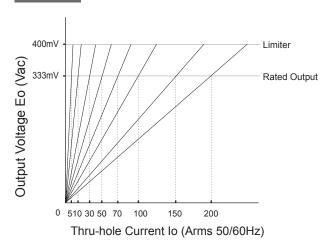


JC16F-333

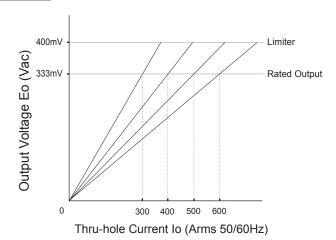


Thru-hole Current Io (Arms 50/60Hz)

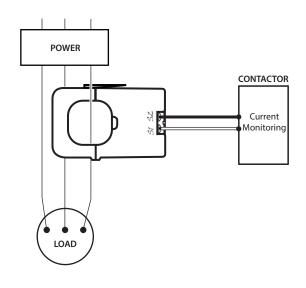
JC24F-333

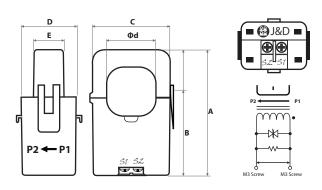


JC36S-333



APPLICATIONS / DIMENSIONS





						Unit : mm
Model	Α	В	C	D	E	Ød
JC10F-333	50	38	23	26	14.5	10
JC16F-333	55	41	29.5	31	19	16
JC24F-333	74.5	52	45	34	22	24
JC36S-333	91	62	57	40.5	22	36