

Split-core Current Transducer

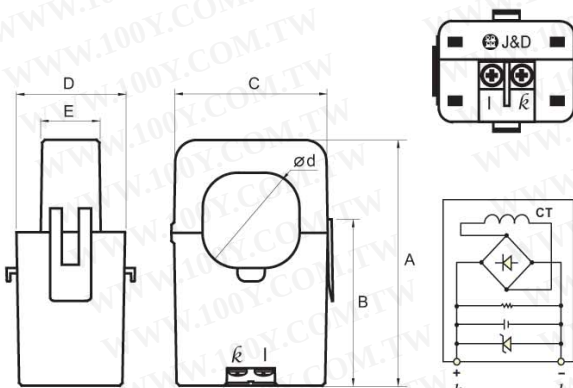
Average Type

V - series

Specification

Std. Model	Ø10					Ø16	Ø24	Ø36
	JC10F5-V	JC10F10-V	JC10F20-V	JC10F25-V	JC10F50-V	JC16F100-V	JC24S250-V	JC36S500-V
Current Range (50/60Hz)	5Arms	10Arms	20Arms	25Arms	50Arms	100Arms	250Arms	500Arms
Output Voltage	0~5V DC (Average) / 0 ~ Rated Current, 7.5V DC Limiter built-in							
Max. Allowable Current	100% (Continuous), 150% (1min.)							
Accuracy / Linearity	±2% F/S Dynamic Range 1:100 (50/60Hz Sinewave)							
Output Impedance	7KΩ	8.5KΩ	6.8KΩ	6.8KΩ	6.2KΩ	5.8KΩ	5.8KΩ	5.8KΩ
Output Ripple Voltage	Within 5% of Output Voltage							
Response time	300msec							
Insulation Resistance	DC500V / 100MΩ or more (between Core and Output terminals)							
Dielectric Strength	AC 2000V / 1 min. (between Core and Output terminals)							
Latch / Unlatch	about 150 times							
Output Terminals	2 × M3 Screw, with Terminals cover							
Tightening Torque	0.3N*m							
Weight	45g					75g	200g	290g
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							

Dimension/ Connection Diagram



Unit : mm

Std. Model	A	B	C	D	E	Ød
JC10F-V	50	38	23	26	14.5	10
JC16F-V	55	41	29.5	31	19	16
JC24S-V	74.5	52	45	34	22	24
JC36S-V	91	62	57	40.5	22	36

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Output Voltage Data

