

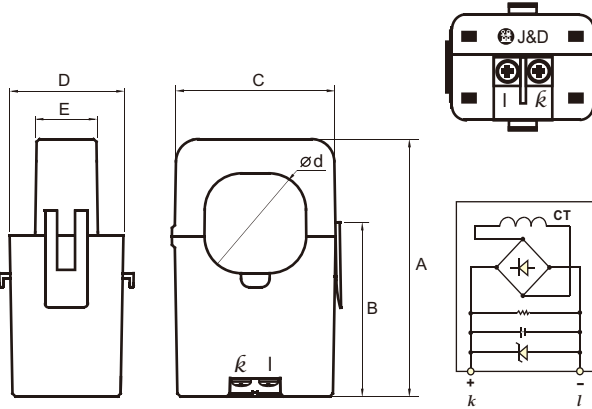
# Split-core Current Transducer Average Type

## 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% FS. 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	300ms							
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	0.3Nm							
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
<b>JC10F-V</b>	50	38	23	26	14.5	10
<b>JC16F-V</b>	55	41	29.5	31	19	16
<b>JC24S-V</b>	74.5	52	45	34	22	24
<b>JC36S-V</b>	91	62	57	40.5	22	36

Output Voltage Data

