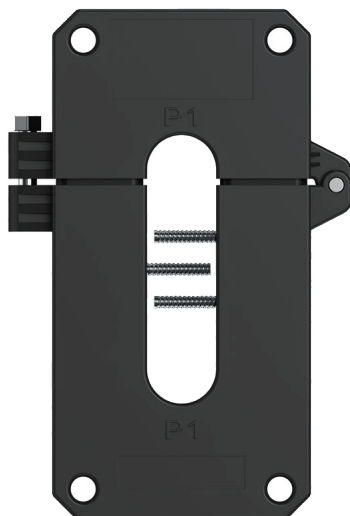


S-086KU IP67CT



- Turns ratio 1000:1
- Resolution 0.001mA
- Range 0.000mA~100A (upper limit can be customized)
- Both indoor and outdoor use
- Inner size 86mm×22mm

DESCRIPTION

S-086KU IP67CT is a brand-new design. The iron core and the shielding cover are made of nickel alloy and are integrally formed to further improve the anti-interference ability from the external electric field. It is a high precision, high stability, and high-reliability monitoring tool for both indoor and outdoor environments. It can be customized based on users' needs.

APPLICATION

The split-core current transformer is designed for electrical metering applications and specifically designed to be installed around primary current-carrying conductors without disconnecting wires or breaking the monitoring circuit. Current transformers are the best solution for applications in energy measurement and management.

SPECIFICATIONS

Functions	Measures grounding current, high-precision AC leakage current, current, high-order harmonic current, frequency, phase, power, and electric energy
Split Core Design	Can be installed without disconnecting the wire
Shielding Case	The shielding is integrated within the device with a thickness of 1mm to minimize the external magnetic influence
Inner size	86mm×22mm
Output Interface	S1, S2 coil tap, GND shield ground
Turn Ratio	1000: 1 (primary and secondary current ratio)
Measurement Range	AC 0.000mA ~ 100A (current range can be larger)
Resolution	0.001mA
Output Mode	Current induction output: 1mA/1A
Accuracy	±0.5%FS (50Hz/60Hz; 23℃±2℃, 70%RH below)
Phase Error	≤0.5° (50Hz/60Hz; 23℃±2℃)
Reference Load	RL: 0~100mA≤500Ω; 0~1A≤50Ω; 0~10A≤5Ω; 0~100A≤0.5Ω
Connection Identifier	S1, S2 - coil tap, GND - shield
Line Voltage	AC 600V and below
Current Frequency	45Hz~60Hz (frequency of measured current)
Frequency Response	10Hz~100kHz
Dimension	160mm×110mm×38mm
Weight	760g
Install Direction	P1 face up, P2 face down

Electric Field Interference	3mA when the outer electric field is 100A and 10mm close
Wire Positioning	The measured wire should be placed in the middle of the gap
Installation	Can be put on the ground flat steel, can be mounted or fixed through the four 8mm holes at the four corners
Ideal Working Conditions	-20℃~50℃; below 80%RH
Ideal Storage Conditions	-10℃~60℃; below 70%RH
Structure	Anti-dripping II type, rain-proof
Insulation Strength	AC 3700V/RMS (between core and the housing)
Safety Standards	IEC1010-1, IEC1010-2-032, Pollution class 2, CAT III (600V)

ACCESSORIES & ORDER DATA			
Description	Order Code	Description	Order Code
S-086KU IP67CT, 1 pc	S-086KU	Included accessories for S-086KU	
		Package box, 1 pc	
		User Manual, Warranty card, Certificate of Conformity, 1 copy of each	

SALES OFFICE

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S-086KU

IP67CT
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