

Current Clamp SDQ50C1 & SDQ50C2

Current Clamp is a high-precision AC current converter, and can meet a variety of measuring instruments. It can be used along with many kinds of instruments and devices, such as energy meter spot calibrator, multifunctional meter, oscilloscope, digital multimeter, dual clamp Ground resistance tester, dual clamp phase volt ammeter. Parameters will be measured and compared without power supply cut-off on account of the split core. After decades of years development, our clamp have been approved to be most reliable and excellent performance.

1. Features

Independent jaw, clamping more tightly

fine grinding at the side of jaw, ensure the good performance after long-time and frequent clamping.

Plug and socket at the end of cable can be matched on request.

2. Specification

Model No.	Rated Current	Turns Ratio	Output Current	Accuracy	Load
SDQ50C1	1000A	1:1000	1A	0.1Class	< 4Ω
SDQ50C2	1000A	1:200	5A	0.5 Class	< 4Ω
Case Material : PC Working Temperature : -30℃~+60℃ Operating Frequency : 50-400Hz Cable : Length 2000mm with Safety sockets SDQ50C1: Section area 0.75mm ² , 600V SDQ50C2: Section area 1.5mm ² , 600V			Insulation Voltage(Hi-pot): 4kV/1min BIL: 10kV/10times Insulation Resistance: DC500V/500MΩ min IEC61010-1 CAT III- 600 V, CAT IV 300V		

3. IEC60044-1 Limits of current error and phase displacement

Accuracy		Test Current			
		5%(50A)	20%(200A)	100%(1000A)	120%(1200A)
Current error	SDQ50C1	0.4	0.2	0.1	0.1
	SDQ50C2	1.5	0.75	0.5	0.5
SDQ50C1 Linearity Phase shift : < 15', SDQ50C2 Linearity Phase shift : < 30'					

4. Dimensions



Cable with Safety sockets

