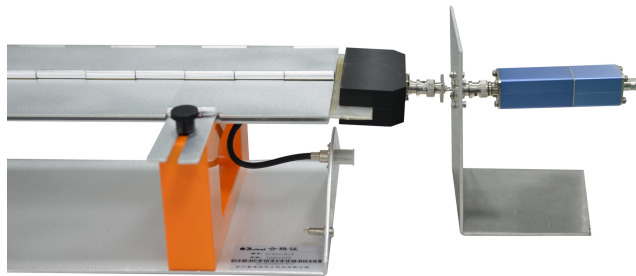


Calibration Kit for Capacitive Coupling Clamp

CA-CCC

Datasheet



In Compliance with

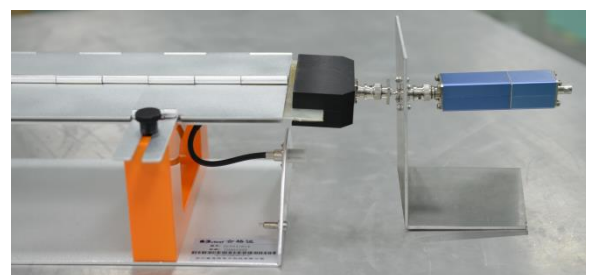
- > IEC/EN 61000-4-4
- > IEC/EN 61000-4-18
- > GB/T 17626.4
- > GB/T 17626.18

Introduction

CA-CCC is the calibration device of Capacitive Coupling Clamp (CCC), designed according to the latest international standards.

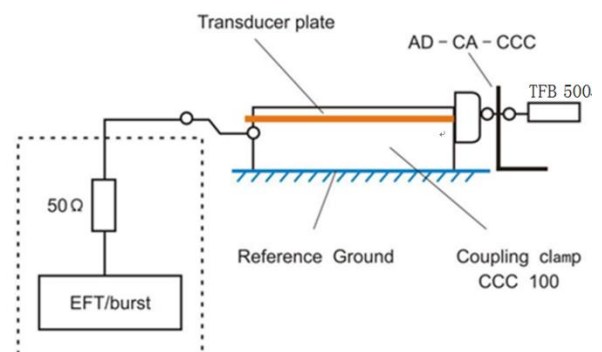
Calibration Setup:

Place the transducer plate inside the CCC, and align it with the bottom of the CCC. Connect the transducer plate with the low-impedance adaptor AD-CA-CCC then the 50 Ω attenuator. The adaptor ensures that the attenuator be properly connected to the reference ground, and holds the attenuator over 100 mm above the height of the CCC. The distance between the transducer plate and the attenuator shall be less 0.1 m.



Calibration Process:

Calibration of the Capacitive Coupling Clamp is performed through setting of the open-circuit voltage of the EFT/B generator. The output voltage of the 50 Ω attenuator should be 1,000 V.



General Parameters	
Connector	BNC;
Input Voltage	Max 5,000 V;
Dimension of Insulating Material	1100 ± 5 mm × 130 ± 1 mm
Dimension of Copper Plate	1050 ± 5 mm × 120 ± 1 mm; Plate thickness < 0.5 mm
Weight	300 g;
Operating Temp.	(23±5) °C
Operating Humidity	35 - 80%
Operating Air Pressure	60 – 106 kPa

Standard Accessories		
TFB 500	50 Ω attenuator for calibration	1 pc
AD-CA-CCC	Adaptor, connecting the transducer plate to the attenuator and ensure good connection of the attenuator to the reference ground.	1 pc



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