

Coupling/Decoupling Networks for Shielded Cables

CDN 405S9

Datasheet



In Compliance with

- > IEC 61000-4-5
- > EN 61000-4-5
- > GB/T 17626.5

Introduction

The CDN 405S9 is designed in accordance with IEC610000-4-5 and applicable to shielded cables of 9-core, to which surge tests are applied. The test level up to 6 kV and current up to 1 A.

The CDN 405S9 can meet the test requirement of one-end and two-end grounded shielding.

Features

- > Maximum current up to 1A;
- > Maximum testing waveform level is 6 kV;
- > Applicable to coupling/decoupling for 9-core shielded cables;
- > Meet the test requirement of one-end and two-end grounded shielding;
- > All plugs are equipped with banana plugs to ensure the safety of users;

Application Areas

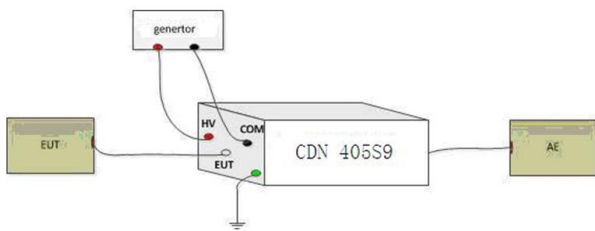
- > Communication
- > Telecom
- > Medical
- > Broadcast
- > Railway
- > IT
- > Military
- > Avionics
- > New energy

Technical Parameters	
Test Waveform	1.2/50 μ s (8/20 μ s), 6 kV
Coupling Mode	Direct connection
Transmission Rate	Up to 10 MBit/s
Max. Current	1 A
EUT Connecting Port	RS232

Accessories	
Test Cables	Red, black
Grounded Cables	Yellowish green

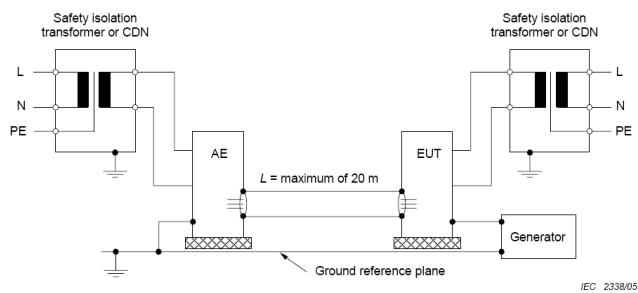
General Parameters	
Weight	Approx. 10 kg
Dimension	360 mm (L)x220 mm(W) x135 mm(H)
Enclosure Material	Aluminum alloy
Ambient Temperature	15 $^{\circ}$ C - 35 $^{\circ}$ C
Relative Humidity	45%-75%
Package Case	Carton

Test Connection Schematic Drawing



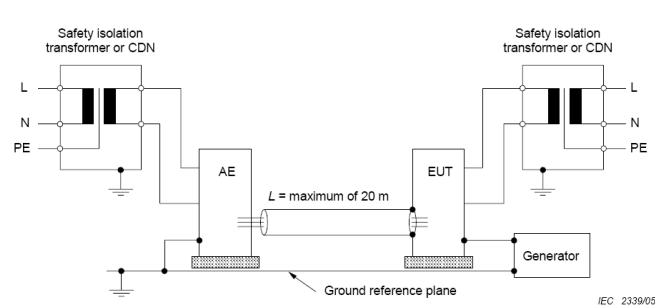
Standard Schematic Diagram

Figure 1 (Shields grounded at both ends):



Standard Schematic Diagram

Figure 2 (Shields grounded at one end):





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