

Coupling/Decoupling Networks for Shielded Cables CDN 405S1

Datasheet



In Compliance with

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

Introduction

The CDN 405S1 is designed in accordance with IEC610000-4-5 and applicable to shielded cables of one-core, to which surge tests are applied. The test level up to 6 kV and current up to 5 A.

The CDN 405S1 can meet the test requirement of one-end and two-end ground shielding.

Features

- > Applicable to coupling/decoupling for one-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

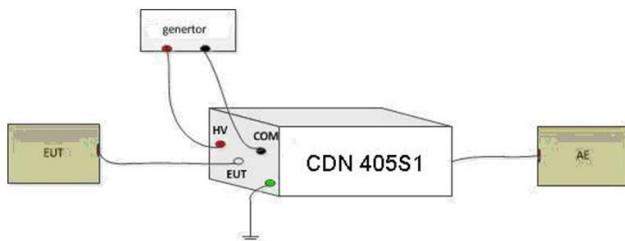
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|-----------------|--------------|
| > Communication | > IT |
| > Telecom | > Military |
| > Medical | > Avionics |
| > Broadcast | > New energy |
| > Railway | |

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	5 A
EUT Connecting Port	BNC

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

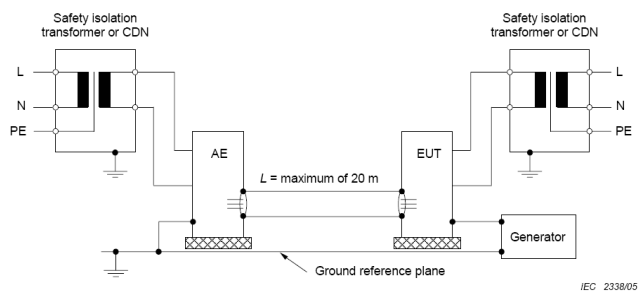
Accessories	
Test Cables	Red, black (double-end sheath)
Grounded Cables	Yellowish green (with sheathing clamp at one end and sheath at the other end)
Short-circuit Plug	24.0023-21

Test Connection Schematic Drawing



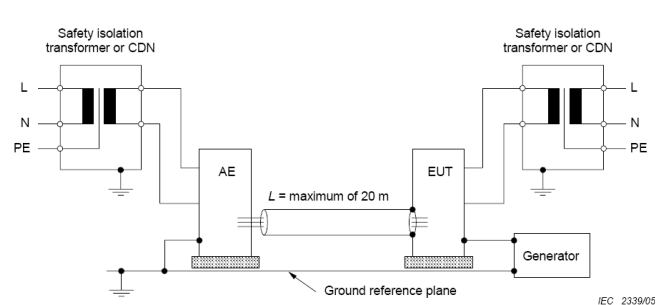
Standard Schematic Diagram

Figure 1 (Shields grounded at both ends):



Standard Schematic Diagram

Figure 2 (Shields grounded at one end):





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