

Coupling/Decoupling Networks for Shielded Cables

CDN 405S8

Datasheet



In Compliance with

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

Introduction

The CDN 405S8 is designed in accordance with IEC610000-4-5 and applicable to shielded cables of 8-core, to which surge tests are applied. The test level up to 6 kV and current up to 1 A.

CDN 405S8 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 of 8-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

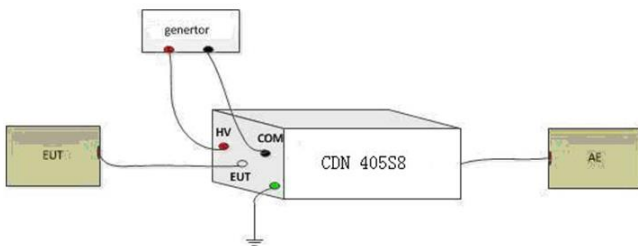
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|-----------------|--------------|
| > Communication | > IT |
| > Telecom | > Military |
| > Medical | > Avionics |
| > Broadcast | > New energy |
| > Railway | |

Technical Parameters	
Test Waveform	1.2/50 μ s (8/20 μ s), 6 kV
Coupling Mode	Direct connection
Transmission Rate	Up to 1000 MBit/s
Max. Current	1 A
EUT Connecting Port	RJ45

Accessories	
Test Cables	Red, black, yellowish green
Cables with Shielding Layer	1 m

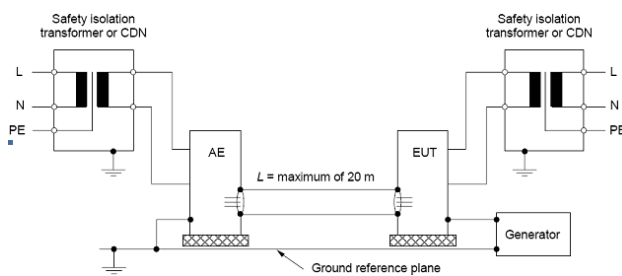
General Parameters	
Weight	Approx. 10 kg
Dimension	360 mm (L)x220 mm(W) x135 mm(H)
Enclosure Material	Aluminum alloy
Ambient Temperature	15 $^{\circ}$ C - 35 $^{\circ}$ C
Relative Humidity	45%-75%
Package Case	Carton

Test Connection Schematic Drawing



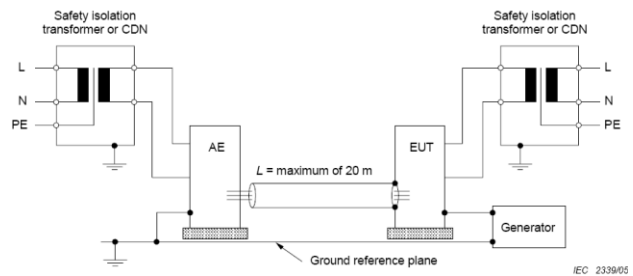
Standard Schematic Diagram

Figure 1 (Shields grounded at both ends):



Standard Schematic Diagram

Figure 2 (Shields grounded at one end):





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