

High-speed communication line CDN for lightning surge CDN 405T8



As per

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

Description

CDN 405T8 coupling/decoupling network is to test the capacity of high speed communication line for surge test. Data transmission rate is up to 1,000MBit/s. It is designed to meet the requirements of figure 14 in IEC/EN 61000-4-5: 2005. The material of decoupling device is high conductive magnetic material. Stable decoupling capacity and transmission rate, easy to use and compact size.

Features

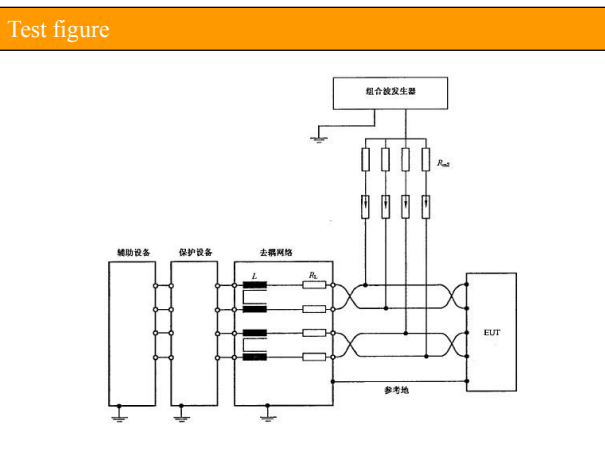
- > High conductive magnetic material for decoupling device
- > Test output to 4-path 8-line
- > Data rate up to 10MB/100MB/1000MB
- > Superimposing surge waveforms
- > High capacity of surge resistance, standard withstand voltage up to 6KV, 10kV withstand voltage need to be customized.
- > Replaceable current-limiting resistors

Industries

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

Technical parameters	
Model	CDN 405T8
Standard	IEC/EN 61000-4-5
Coupling waveform	1.2/50us, 10/700us
Pulse voltage	6kV (10 kV need to be customized)
Coupling mode	Common mode (line to ground)
Coupling device	90V gas discharge tube
Output impedance	200Ω±5% (standard)
Communication connector	RJ45 female connector to connect communication line
Pin assignment	Pair 1: pins 1 / 2 Pair 2: pins 3 / 4 Pair 3: pins 5 / 6 Pair 4: pins 7 / 8
Data rate	10MBit/s, 100MBit/s, 1,000MBit/s
Working voltage	DC 3-90V
Working current	Max 1A
Residual voltage	<15% (coupling surge voltage)
Decoupling inductor	20mH

Optional accessories		
SZR100	100ohm (as per 10/700us, 5/320us)	
SZR160	160ohm (as per 1.2/50us, 8/20us)	
SZR200	200ohm (as per 10/700us, 5/320us)	
Accessories		
HV cable surge	1m HV silicone line with banana plug	2
Earth cable	0.3m yellow green	1
Internet cable	1m cat 6	2
SZR200	Current-limiting module	8
Document	Factory test certificate	1
	User manual	1
General Data		
Weight	3.6kg	
Dimension	L×W×H 250×200×133cm	
Enclosure	Aluminum	
Temperature	5°C - 35°C (operation condition)	
Humidity	45% - 75% (operation condition)	
Documents	Factory test certificate and user manual	
Package	carrying case	





CONNECT 3CTEST

SUZHOU3CTEST ELECTRONIC CO., LTD

Unit 2,Anda Industrial park,Jinshan Rd, SND,Suzhou, 215011,China
 Tel: +86-512-68413700/3800/3900
 Fax: +86-512-68079795
 Web: www.3ctest.cn
 Email: info@3ctest.cn

SHENZHEN OFFICE

Room 402, the 4th floor, Fuan Technology Building, No.13,
 Nanshan Technology Park, 518053, Shenzhen, China
 Tel: +86-755-86626625/ 86344313
 Fax: +86-755-26966255

TESTEK Co. , LTD

Contact person : Mr.Sungoh Woo
 Email : woo@testek.co.kr
 Tel : 070-4099-2072 / H.P : 010-6500-6648
 Address : 601Ho, SungwoonKoa, 141 Hyeonam-ro, Suji-Gu, Yongin-Si,
 Gyeonggi-Do, 448-808

Europe: AR Europe

Yvonne McGlinchey
 ymcglinchey@ARWorld.US
 +353 61 504300
 Address: First Floor Ashling Building, National Technology
 Park, Limerick, Ireland

BEIJING OFFICE

Room D206, D block, Keshi Building, No.28, Shangdixinxu
 Road, Haidian District,Beijing
 Tel: +86-10-82899948/ 82899984
 Fax: +86-10-82899943

CHENGDU OFFICE

Room 1501,Unit 3, Ideal Centre,No.38 Tianyi Street, SND,
 6100085,Chengdu,China
 Tel: +86-28-85327800/85327600
 Fax: +86-28-85311400

TAIWAN OFFICE

6F-5, No. 130, Ln. 235, Baoqiao Rd,
 Xindian District, New Taipei City, 23145, Taiwan
 Tel: +886-2-89121185 Fax : 886-2-89121812
 Email: rich.tec@msa.hinet.net