

Control line protector**Clamped type 5kA 5V--36V****Techwin Industrial Control Line AI/AO Analogy signal RS485 Protector****Description**

Control line protector is designed for control line system to protect electrical and electronic equipment's signal line from the impact of lightning electromagnetic pulse, induced over voltage, transient operation and resonance over voltage.

Features

- Low insertion loss, fast response.
- Low limiting voltage.
- Precise limiting voltage.
- Strong discharge current.
- Crimping

Application

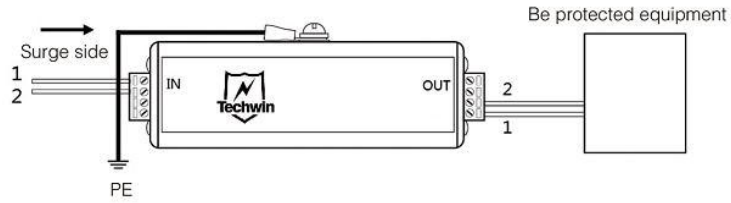
- V.1, X.27, RS485, RS422
- LAN, CAN, V.24/RS232-C, MODEM BUS
- TOKEN-RING, INDUSTRIAL BUS
- Suitable for the signal's transmission rate protection under the same voltage and same specifications
- Analog signal lightning arrester
- Protect power supply and control line for camera
- Loss prevention system device; Security system; Security integration.
- IASP; VSCS; ESA; ACS; exit-inlet control system; exit-inlet control system



Specification

Model	D05Y2(-A)	D05Y4	D12Y2(-A)	D12Y4	D24Y4	D36Y2(-A)
Lightning projection zone(LPZ)	2					
Standards Compliance	IEC61000, EN60950					
According to IEC61643	III					
According to DIN VDE6075 Part6(Draft 11.89) A1,A2	D					
Max continuous operating voltage U _c	5V		12V		24V	36V
Nominal discharge current (8/20μs) I _n	3KA					
Max discharge current I _{max} (8/21μs) I _{max}	5KA					
Limiting Voltage(10/700μs)	20V		40V		100V	120V
Cut-off Frequency f _G	20MHz					
Response time t _A (L-N/N-PE)	1ns					
Protection port	2	4	2	4	4	2
Mounting	Be Installed between protected equipment and signal line					
Max connecting line diameter	1.5mm ²					
Recommend connecting line diameter	1mm ²					
Transmission standards	10Mbps					
Dimension	Regular type : 85*25*25mm			DIN rail type: 90*14*65mm		
Interface form	Compression plug					
IP code(IEC EN 60529)	IP20					
Largest terminal installation torque	0.6-0.8 N.m					
Material/color	Aluminum/Blue					
Insertion loss	≤0.5dB					
Working conditions	Temperature: -40 to 85°C, Relative humidity: ≤95%					

Installation And Wiring Diagram of D12Y2 surge protector



D12Y2