



Signal SPD Series - Audio protector

RJ11 connector crimp terminal 5kA 180V



Description

Audio protector series are mainly used in telephone, public broadcasting 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 Of Audio SPD Series

- Multi. Protection circuits, Gas-Tube+ TVS technology
- Dual protection in Common module and different module
- Multi-Strike Capability

Application Of Audio SPD Series

Designed for Audio device not to be spoiled by lightning over-voltage, induced over-voltage and static discharge.

- Telephone, Fax,
- ISDN, DDN, DSL ,ADSL,VDSL
- Broadcast system

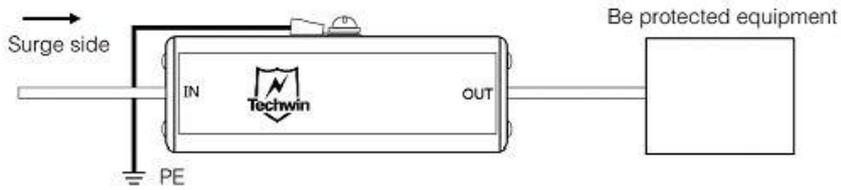
Specification

Model	D180R2	R180R4	D180R2-16	D180Y2-10	D180Y2-A
Lighning proection zone(LPZ)	2				
Standards Compliance	IEC61000, EN60950,GB/T18802.21-2002,TB/T2311-2002				
According to IEC61643	III				
According to DIN VDE6075 Part6(Draft 11.89) A1,A2	D				



Max continuous operating voltage $U_c$	180VDC				
Nominal discharge current (8/20 $\mu$ s) $I_n$	3KA				
Max discharge current $I_{max}$ (8/21 $\mu$ s) $I_{max}$	5KA				
Rated Load Current	500mA				
Cut-off Frequency $f_G$	16MHz				
Series Impedance per line $R$	2.2 $\Omega$				
Limiting Voltage(10/700 $\mu$ s)	$\leq 250V$				
Protection level @20kA , 8/20 $\mu$ s $U_p$	$\leq 350V$				
Response time $t_A$ (L-N/N-PE)	1ns				
Protection line	2,3/4,5	2/3,4/5	2,3/4,5	2 line	2line
Protection port	1	2	16	10	1
Mounting	Be installed between protected equipment and signal line				
Transmission rate	10Mbps				
Dimension	85(H) $\times$ 25(W) $\times$ 25(L)mm	480(H) $\times$ 86(W) $\times$ 42(L)mm	96(H) $\times$ 43(W) $\times$ 70(L)mm	90(H) $\times$ 14(W) $\times$ 65(L)mm	
Interface form	RJ11	RJ11	RJ11	Inserting type	clamped type
IP code(IEC EN 60529)	IP20				
Max connecting line diameter	1.5 mm <sup>2</sup>				
Material/color	Aluminum/Blue				
Recommend connection line diameter	1 mm <sup>2</sup>				
Largest terminal installation torque	0.6-0.8 N.M				
Working conditions	Temperature: -40 to 85 $^{\circ}$ C, Relative humidity: $\leq 95\%$				

Installation And Wiring Diagram of D180R2 SPD



180R2