

TRSS-DB Series SPD

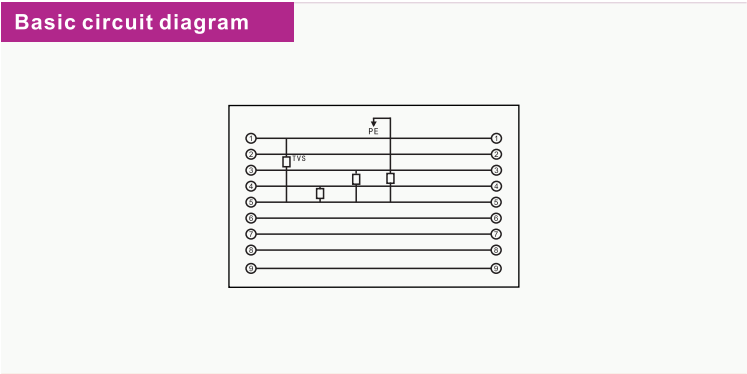
TRSS–DB serial lightning protection device is designed according to IEC and GB standards, and is widely used in the surge protection of the DB serial communication system in industrial control, telecommunications, local area networks and commercial and military fields. The grounding cable can be grounded through the metal shell of the DB serial port. The grounding path should be as short as possible, and the length should not exceed 1.5 meters.

- Fine protect the communication line
- Fast response, and low limte voltage
- Terminal type: DB9, DB15, DB25
- Low insert loss .

Product



Basic circuit diagram



Data Signl SPD

Parameter/Type		TRSS-D89/DB15/DB25	
Nominal volatge	U_n	5V	12V
Maximum operating voltage	U_c	8V	15V
Transmission speed	f_g	45 MHz	
Insertion loss		$\leq 0,5$ dB	
Nominal discharge current (8/20 μ s)	I_n	100A	
Voltage protection level	U_p	< 80V	
Degree of protection		IP20	
Range of operating temperatures (min/max)		-40°C~+70°C	
Humidity range		5%~95%	
According to standard		EN 61643-21:2012, IEC 61643-21:2011	