

TELECOMMUNICATION ARRESTER (10KA/20KA)

TSP Series



TSP-10/20 is designed to protect telecommunication equipment from lightning surge entering through the telecommunication line network.

A crossover wire between ARRESTER ground or metallic housing of equipment is required for protection.

FEATURE

- Applications : Protection of Measuring Environment Measuring Lightning Induced By Telecommunication(Modem) Data Line.
- Adopt all Materials That Acquired International Safety Standard Certificate.
- Protection Function : Thermal&Short Circuit Fuse, 2-Stage Surge
- Applied Technique : Base on ANSI / IEEE Category.
- For Use : RS-232C, RS-422, RS-485, Telephone Modem.
- Mounting : Wall Mounting Type, Din Rail Type
- Main Protect Materials : MOV(Metal-Oxide Varistor)

Technical data

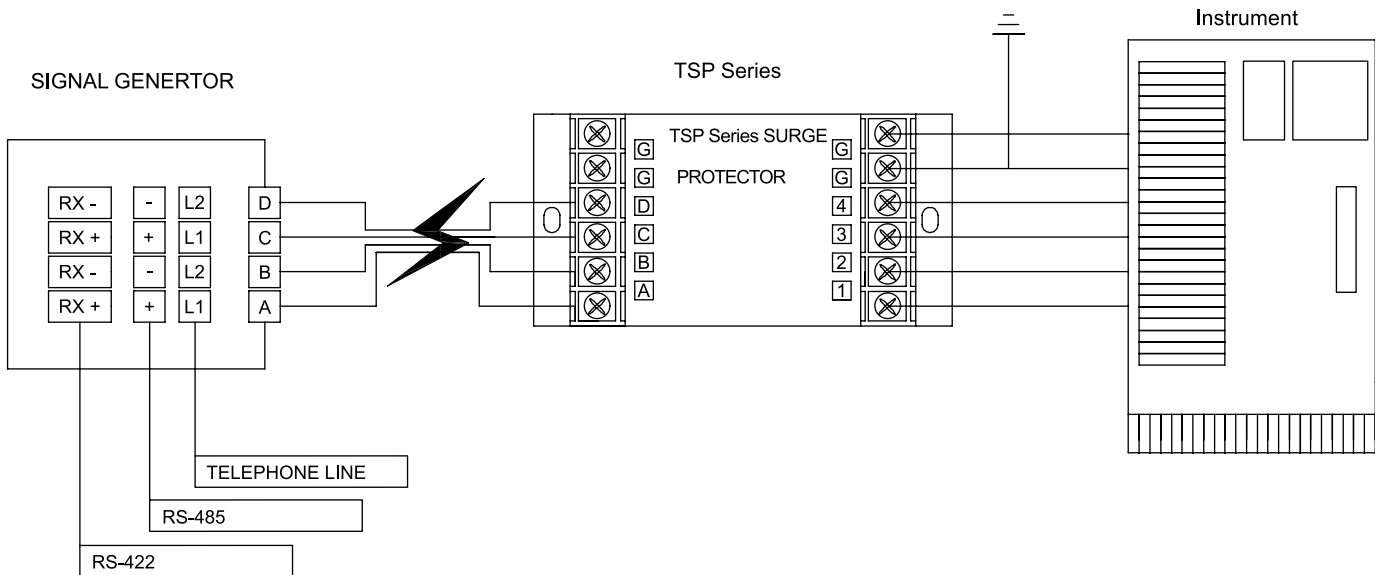
Model	TSP-10 / TSP-10R					TSP-20 / TSP-20R				
	5T	12T	24T	30T	40T	5T	12T	24T	30T	48T
Nominal voltage	5VDC	12VDC	24VDC	30VDC	48VDC	5VDC	12VDC	24VDC	30VDC	48VDC
Rated voltage	5.2VDC	15VDC	28VDC	34VDC	53VDC	5.2VDC	15VDC	28VDC	34VDC	53VDC
Nominal Discharge current(Mode:8*20μsec)	10KA					20KA				
Max Discharge current(Phase:8*20μsec)	20KA					40KA				
Nominal load current	200mA					200mA				
Response time	100nsec					100nsec				
Voltage protection level Up	9VDC	21VDC	40VDC	45VDC	75VDC	9VDC	21VDC	40VDC	45VDC	75VDC
Series Resistance per path	22MΩ					22MΩ				
Cut-off frequency(3dB)	100MHz					100MHz				
Capacitance	2pf(1MHz)					2pf(1MHz)				
Max. Operating current	100μA					100μA				
Tested to	IEC61644-1 / 61643-21 E DIN VDE 0845-3-1					IEC61644-1 / 61643-21 E DIN VDE 0845-3-1				
Temperature range	-40°C to + 80°C(±5°C)					-40°C to + 80°C(±5°C)				
Ip code	IP20/NEMA					IP20/NEMA				
Dimension(mm)	64W*131H*37D / 33W*106H*94D					64W*131H*37D / 33W*106H*94D				
Case material	Aluminum					Aluminum				
Weight	800g					800g				
Ground	Isolated					Isolated				
Mounting	Wall / DIN Rail					Wall / DIN Rail				

TELECOMMUNICATION ARRESTER

TSP-10/20

MODEL & SUFFIX CODE SELECTION

제품의 접지 단자는 동축케이블 보호용으로 사용하고, 기준접지에 14AWG 이상의 접지선을 30cm가 초과하지 않도록 가능한 짧게 결선합니다. 또한 보호되어야 할 장비의 AC전원도 낙뢰 보호기를 함께 결선하여야만 surge 인입 시 피해를 최소화 할 수 있다.



DIMENSIONS (Unit:mm)

