TELECOMMUNICATION ARRESTERS (10KA)

SHN-TMR-1R

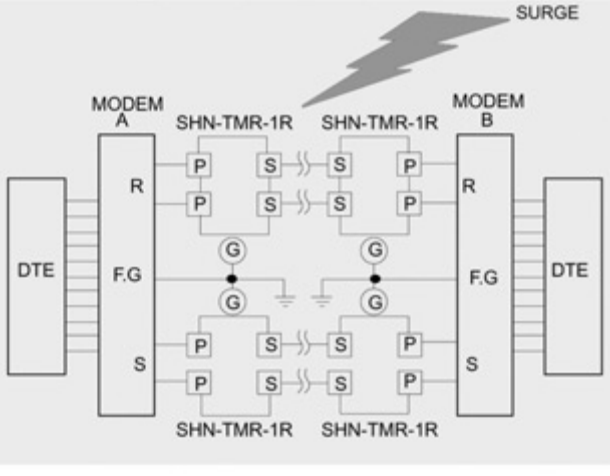
10KA / 20KA
(Telecommunication)

SHN-TMR-1R is designed to protect telecommunication equipment from lightning surge entering through the telecommunication line network.

FEATURE

- Applications : Telecommunication(Modem) Line.
- Protction of Measurge or Lightning Induced By Telecommunication(Modem) Line.
- 2 Step Surge Protection function.
- Applied Technique : Base on ANSI / IEEE Category "A" / "B" / "C"
- Adopt all Materials That Acquired International Safety Standards Regulation Line UL, CE, CSA Certificate.
- Easy to Maintain by Plug-In Type.
- For use Telemetering Data(Modem) Line.
- Contains the Thermal Fuse to Protect Overheat and Surge.
- TEST : IEC 61643, E VDE 0845 PART 3-1.
- RS-232e, RS-422, 485, Telephone Line.

CONNECTION DIAGRAM



Technical data

Model	SHN-TMR-1R					SHN-TMR-2R					SHN-TMR-3R				
Input Type	A	B	C	D	E	A	B	C	D	E	A	B	C	D	E
Nominal Voltage	6V	12V	24V	30V	48V	6V	12V	24V	30V	48V	6V	12V	24V	24V	48V
Rated Voltage	6.8V	15V	28V	34V	53V	6.8V	15V	28V	34V	53V	6.8V	15V	28V	34V	53V
Protected Voltage	9V	21V	30V	45V	75V	9V	21V	30V	45V	75V	9V	21V	30V	45V	105V
Discharge Current(Nominal)	10KA(8*20㎲)					10KA(8*20㎲)					10KA(8*20㎲)				
Discharge Current(Max)	20KA(8*20㎲)					200KA(8*20㎲)					20KA(8*20㎲)				
Nominal Road Current	200mA					200mA					200mA				
Response Time	1ns					100ns					100ns				
Cut-Off Frequency(±10%)	100MHz					100MHz					1MHz(OP:70MHz)				
Capacitance	2pf					2pf					2pf				
Max. Operating Current	100㎂					100㎂					100㎂				
Temperature Range	-40~80℃(±5℃)					-40~80℃(±5℃)					-40~80℃(±5℃)				
IP Code	IP20/NEMA					IP20/NEMA					IP20/NEMA				
Dimension(mm)	23.5W*90H*62D					23.5W*90H*62D					23.5W*90H*62D				
Ground	Isolated					Isolated					Isolated				
Mounting type	DIN Rail					DIN Rail					DIN Rail				