

SIGNAL ARRESTERS(10KA~40KA)

SSP-R Series



SSP-10/25/40R is Designed for DC signal line including 2-wire transmitters.

It absorbs the lightning surges that are transmitted in the DC signal wiring to insure the line potential will remain at a low voltage to prevent damage to electronic components. The unit is designed not to fall in the shortcircuit condition, thus protecting the equipment from any damage caused by short circuits.

- 2 stage protect construction
- Applied technique : Basis on ANSI / IEEE Category "A" / "C" IEC Category C1, C2, C3, D1
- Surge Suppression Voltage : under 30V(p-p)

FEATURE

- APPLICATIONS : PROTECTION OF MEASUREING ENVIRONMENT MEASRUNG INSTRUMENTS FROM SURGE OR LIGHTNING INDUCED BY SIGNAL LINE.
- ADOPT ALL MATERIALS THAT ACQUIRED INTERNATIONAL SAFETY STANDARDS REGULATION LIKE UL, CE, CSA CERTIFICATE
- PROTECTION FUNCTION : Thermal & Short Circuit Fuse, 2-Stage Surge Protect Noise Filtering (EMI/RFI)
- APPLIED TECHNIQUE : BASE ON ANSI/IEEE Category "A"/"C" / IEC Category C1, C2, C3, D1
- FOR USE : 4~20mA(DC24V) SIGNAL LINE
- MOUNTING : Rail Mounting type(Plug in type)
- MAIN PROTECT MATERIALS : MOV(Metal-oxide varistor)

GENERAL SPECIFICATIONS

Model	SSP10-R-			SSP25-R-			SSP40-R-		
	26	28	30	26	28	30	26	28	30
Nominal voltage	24VDC/4~20mA			24VDC/4~20mA			24VDC/4~20mA		
Rated voltage	26VDC	28VDC	30VDC	26VDC	28VDC	30VDC	26VDC	28VDC	30VDC
Nominal Discharge current(Mode:8*20μsec)	10KA			25KA			40KA		
Max Discharge current(Line:8*20μsec)	20KA			50KA			80KA		
Response time	≤1nsec			≤1nsec			≤1nsec		
Clamping Voltage Rating	40V(p-p)								
Insulation Resistance	1000MΩ								
Capacitance	1700pF								
Nominal load current	100mA								
Voltage protector level Up	≤55V								
Temperature range	-40°C to + 80°C(±5°C)								
Ip code	IP20/NEMA12								
Dimension(mm)	W33xH106xD94(mm)								
Case material	Steel								
Weight	800g								
Mounting	Din Rail Type								