

# SIGNAL ARRESTER (20KA)

## SSP20-R Series



SSP20-R 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"
- Surge Suppression Voltage : under 30V(p-p)

### FEATURE

- Applications : Protection of Measureing Environment Measureing Instruments from Surge or Lighting Induced by Signal Line.
- Adipt 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"
- For Use : 4~20mA / DC24V Signal Line
- Mounting : Rail Mounting Type (Plug-in Type)
- Main Protect Materials : MOV (Metal-Oxide Varistor)

### GENERAL SPECIFICATIONS

Model	SSP20-R	SSP20-1R	SSP20-2R	SSP20-3R
	SIGNAL(DC24V/4~20mA)			
Nominal voltage	24V/DC			
Rated voltage	26VDC	28VDC	30VDC	68~70VDC
Nominal Discharge current(Mode:8*20μsec)	20KA(L/L)			
Max Discharge current(Line:8*20μsec)	40KA(L/G)			
Response time	1nsec or less			
Clamping Voltage Rating	43V(p-p)			
Insulation Resistance	1000MΩ			
Capacitance	1700pF(1MHz)			
Nominal load current	100mA			
Voltage protector level Up	≤55V			
Max, Operating current(Leakage current)	25μA	100μA	100μA	25μA
Temperature range	-40°C to + 80°C(±5°C)			
Ip code	IP20/NEMA12			
Dimension(mm)	W23.5xH90xD62(mm)			
Case material	ABS			
Weight	150g			
Mounting	Din Rail Type(Plug in type)			