ARRESTER(for DC SIGNAL)

SHN-ARR30/70

SHN-ARR 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.

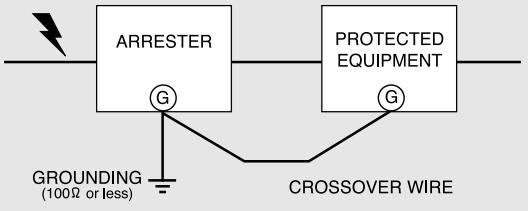
- 2 stage protect construction
- Applied technique : Basis on ANSI / IEEE Category "A" / "C"
- Surge Suppression Voltage : under 43Vpk

GENERAL SPECIFICATIONS

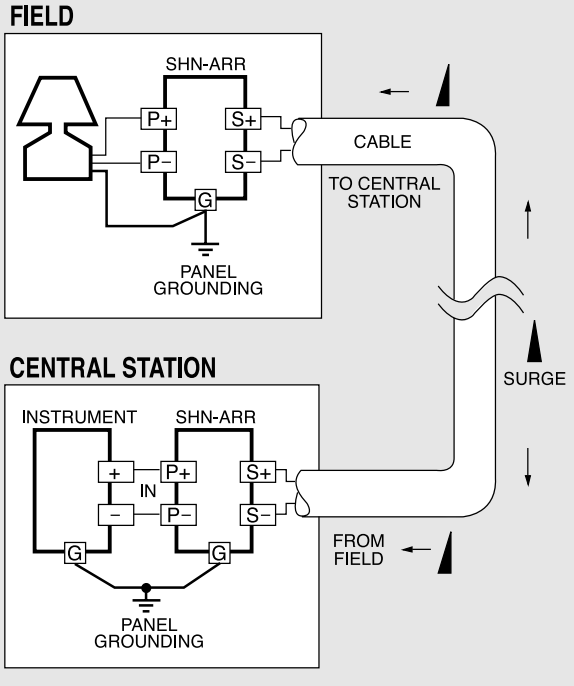
MODEL	SHN-ARR 30	SHN-ARR 70
Input	DC Signal (4-20mA)	
Discharge btwn lines	28V~30V or more	68V~70V or more
Voltage btwn lines & GND	255V~345V	
Clamping Votage Rating	40V or less	80V or less
Response Time	0.1 μ sec or less	
Discharge Current	3KA(8×20)μ sec	
Max. Load Current	100mA	
Internal Series Resistance	Approx. 5Ω(including return)	
Discharge Voltage btwn lines	30V or less 70V DC	
Voltage btwn lines & GND	255~345V or more (P-P)	
Max. Line DC Voltage	30V DC	70V DC
Operating Temperature	-5℃~+60℃	
Operating Humidity	90% RH Max.	
Dimensions	W23.5×H102×D62(mm)	
Weight/Case	140g	
Mounting/Grounding	Wall Mounting Type	

GROUNDING

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



CONNECTION DIAGRAM



BLOCK DIAGRAM