

ARRESTER(for frequency)

SHN-FRR



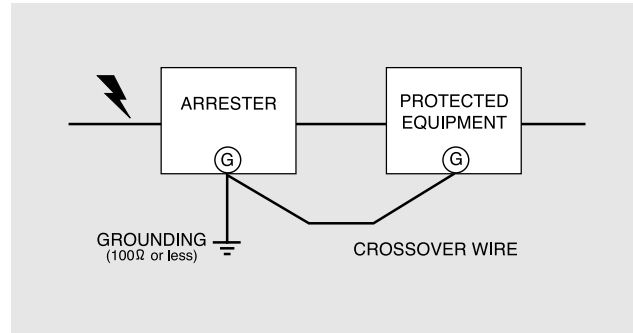
SHN-FRR is designed to protect frequency generating devices such like flowmeters and frequency transmitters from lightning surge damage that enters on the wiring between these instruments.

GENERAL SPECIFICATIONS

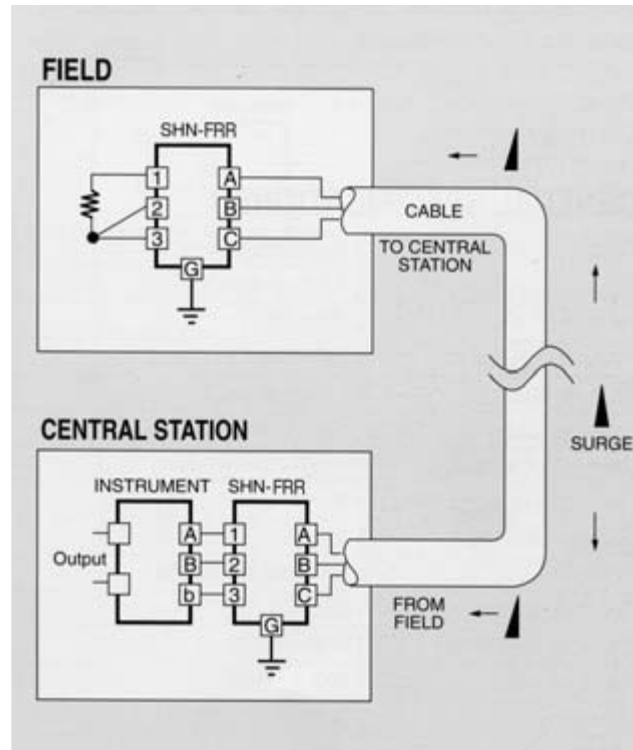
Input	Frequency Signal(Pulse)	
Discharge Voltage	btwn lines	14V or more
	btwn lines & GND	255V~345V
Max. Surge Voltage(btwn lines)	30V or less	
Response Time	0.1 μ sec or less	
Discharge Current	1000A (8 \times 20) μ sec(10KA Option)	
Max. Load Current	100mA	
Internal Series Resistance	Approx. 5 Ω	
Leakage Current	btwn lines	10 μ A or less(at 14V DC)
	btwn lines & GND	10 μ A or less(at 140V DC)
Max. Line DC Voltage	14V DC	
Operating Temperature	-5 $^{\circ}$ C~+60 $^{\circ}$ C	
Operating Humidity	90% RH Max.	
Dimensions	W23.5 \times H102 \times D62(mm)	
Weight	140g	
Mounting	Wall Mounting/Rail Mounting	

GROUNDING

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



CONNECTION DIAGRAM



BLOCK DIAGRAM

