

ARRESTER(for Potentiometer)

SHN-PMR



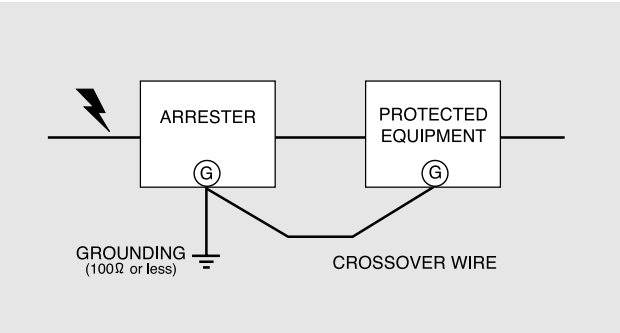
SHN-PMR is designed to protect potentiometer transmitters from lightning surge damage that enter on the wiring between the potentiometer and the transmitter.

GENERAL SPECIFICATIONS

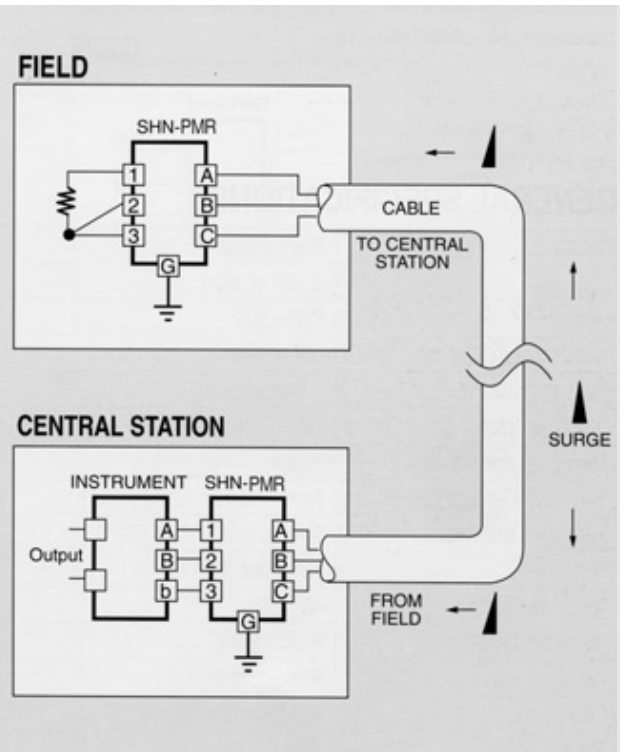
Input		Potentiometer
Discharge	btwn lines	$\pm 7.5V$ or more
Voltage	btwn lines & GND	255V~345V
Max. Surge Voltage(btwn lines)		16V or less
Response Time		0.1 μ sec or less
Discharge Current		1KA (8 \times 20) μ sec(10KA Option)
Max. Load Current		100mA
Internal Series Resistance		Approx. 5 Ω \pm 0.1%(30ppm/ $^{\circ}$ C)
Leakage	btwn lines	10 μ A or less(at 7.5V DC)
Current	btwn lines & GND	10 μ A or less(at 140V DC)
Max. Line DC Voltage		7.5V 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/Rail Mounting

GROUNDING

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



CONNECTION DIAGRAM



BLOCK DIAGRAM

