

Standard Signal Arrester

MTAR-SIG

The Model MTAR-SIG is designed specifically for 4 to 20mA DC signal line.

– It will protect measuring equipment from lightening, over voltage and over current.

♣ General Specifications

- Maximum Line Voltage : 30V DC
- Discharge Voltage : Line to Line – 30V or more
Line to GND – 500V Maximum
- Surge Voltage : Line to Line – 40V Maximum
- Response Time : 0.1μsecond or less
- Load Current : 100mA Maximum
- Discharge Current : 1,000A (8X20 μseconds)
- Internal Series Resistance : about 20Ω
- Permissible Leakage Current :
Line to Line – 0~5μA at 30V DC
Line to GND – 0~5μA at 140V DC
- Capacity Between Line to Line : 1μF
- Housing material : Plastic ABS, Black
- Construction : Rail Type (Channel Mounting)



♣ Installation

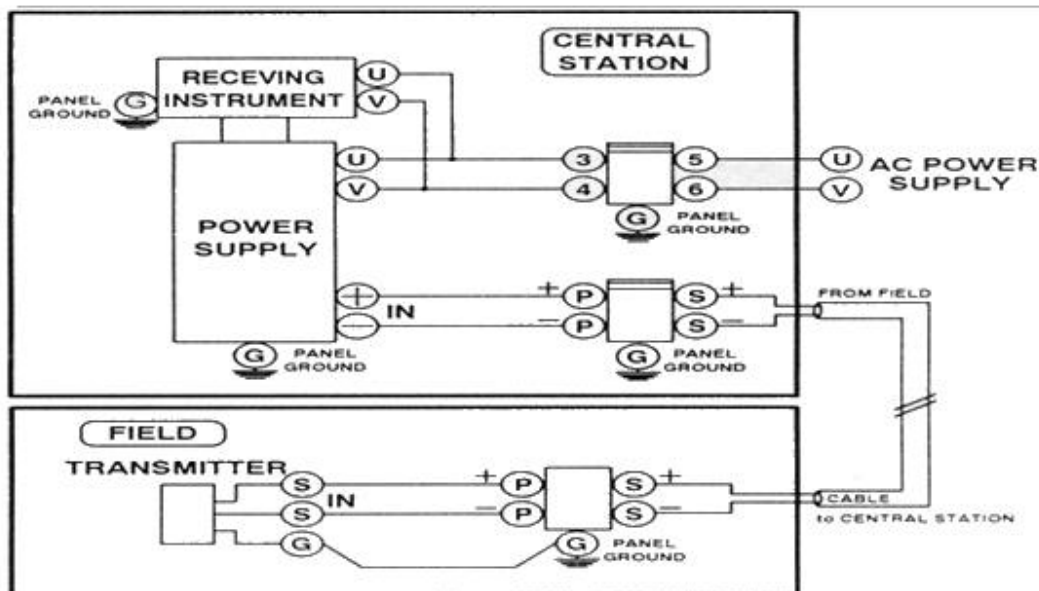
- Operating Temperature : -5 ~ +55℃
- Operating Humidity : 90% RH Max. (Non-Condensing)
- Mounting : Rail Mounting
- Dimension : 25(W) X 99.2(H) X 61.1(D) (Unit : mm)

♣ Ordering Information

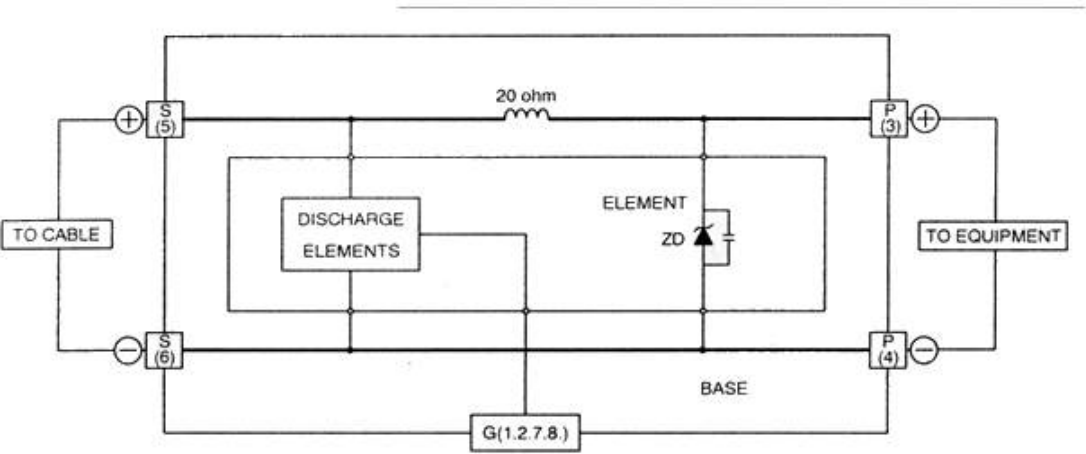
Specify Code number and Variables.

- Code No. : MTAR-Model(Ex : MTAR-SIG)

♣ Connection Diagram



♣ Schematic Circuitry



♣ Dimension

