

## Thermo-Couple Line Arrester

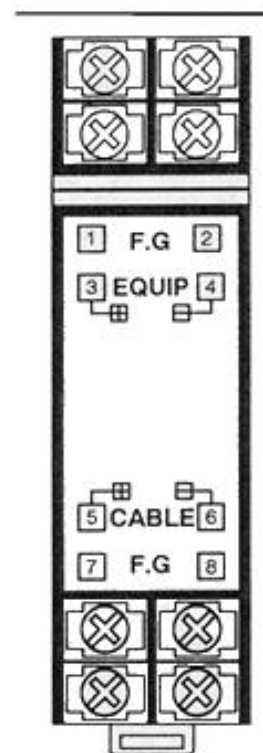
**MTAR-TC**

The Model MTAR-TC is designed specifically for Thermo-Couple circuits.

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

### General Specifications

- Maximum Line Voltage : 7.5V DC
- Discharge Voltage : Line to Line – 7.5V or more  
Line to GND – 500V Maximum
- Surge Voltage : Line to Line – 16V 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 – 10μA or less at 7.5V DC  
Line to GND – 5μA or less at 140V DC
- Capacity Between Line to Line : 1μF or less
- Housing material : Plastic ABS, Black
- Construction : Rail Type (Channel Mounting)



### Installation

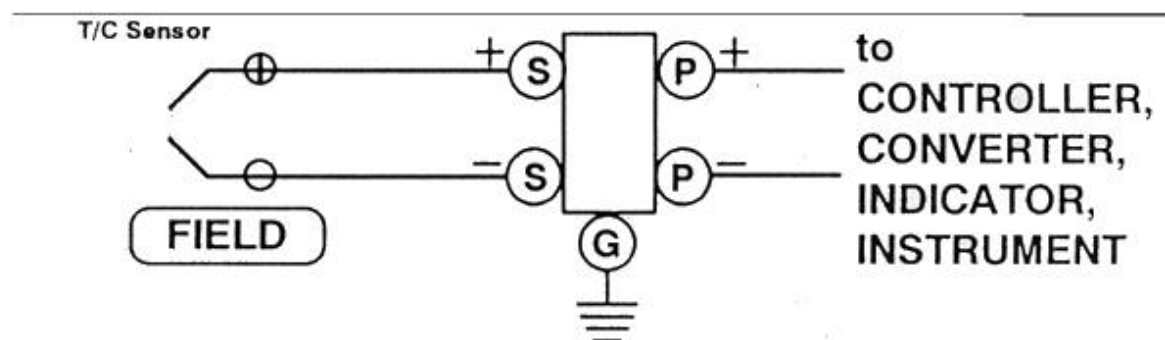
- Operating Temperature : -5 ~ +55°C
- Operating Humidity : 90% RH Max. (Non-Condensing)
- Mounting : Rail Mounting
- Dimension : 25(W) X 99.2(H) X 61.1(D) (Unit : mm)

### Ordering Information

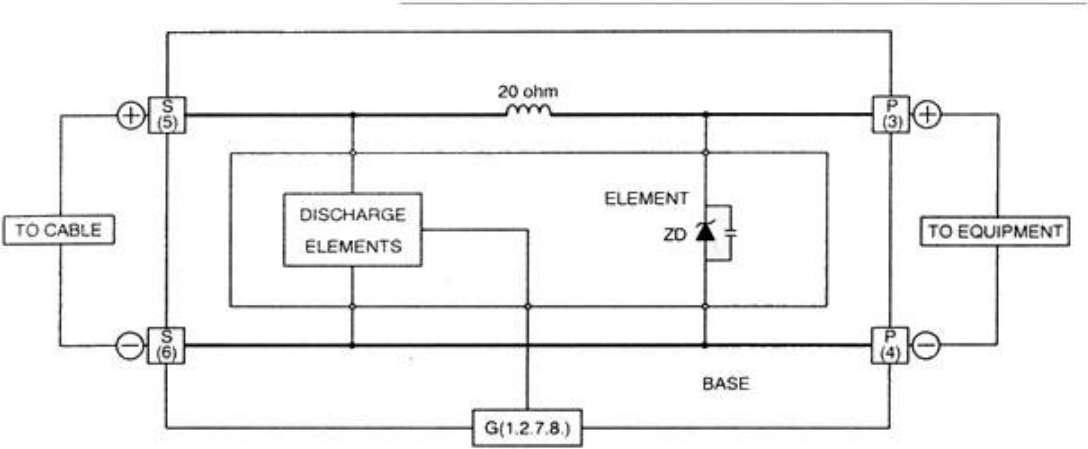
Specify Code number and Variables.

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

### Connection Diagram



♣ Schematic Circuitry



♣ Dimension

