

<b>MODEL</b> MAR-100/200	<b>AC/DC POWER LINE USE ARRESTER</b>
-----------------------------	--------------------------------------



This production be fabricated for the purpose of protection of the field instruments and /or the fine measuring equipments from the dangerous cause like surge, noise of high voltage and thunderbolt which can be applied to the power transmission line of instrumentation equipments.

**■ FEATURES**

Small size(mm) : 99(H), 25(W), 61(D).  
 Case & color : black ABS plastic case.  
 Weight : about 80g.

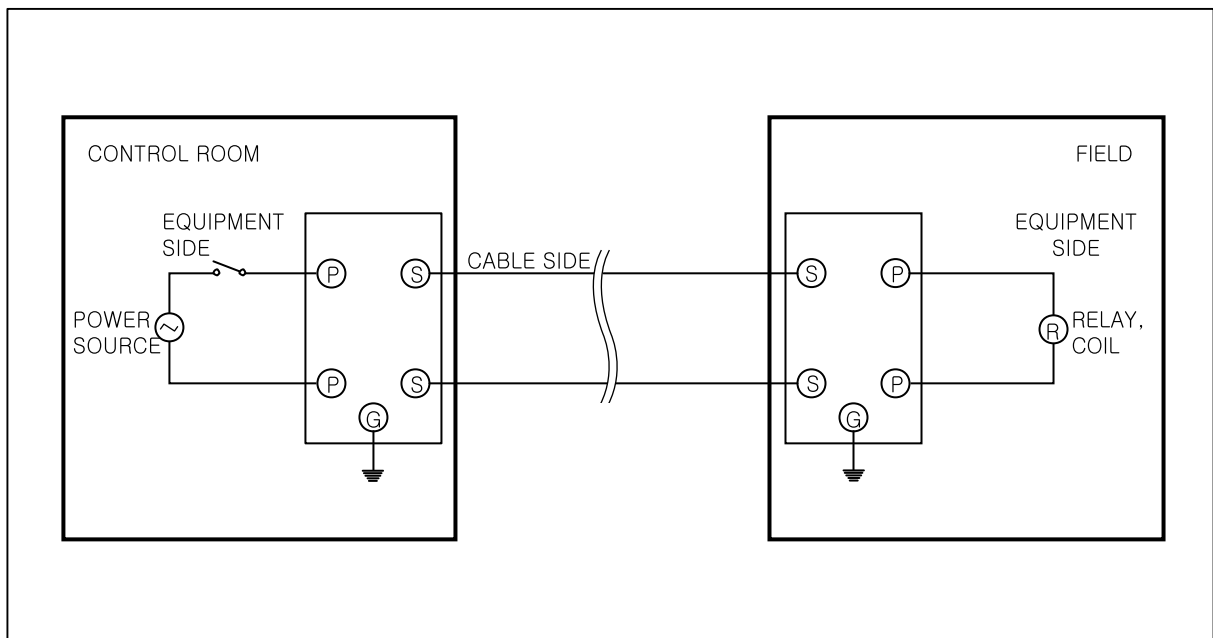
**■ INSTALLATION**

Operating temperature : -5~+55'C  
 Operating humidity : 90%RHmax.(non condensing)  
 Mounting : channel mount (rail type)

**■ MODEL & SPECIFICATION CODE**

- MODEL : MAR-100/200
- Discharge voltage  
 between lines : 190V / 410V or more (peak)  
 between line & GND : 410V or more (peak)
- Max. surge voltage  
 between lines : 400V / 800V  
 between line & GND : 800V
- Response time : 0.1microseconds or less
- Discharge current : 10KA (8X20 microseconds)
- Max. load current : 2.0A
- Internal series resistance : approx. 0.4ohm
- Promissible Leakage Current  
 between lines : 0.1mA or less (at 150V DC)  
 between line & GND : 0.1mA or less (at 300V DC)
- Capacity between lines : 1μF
- Max. line voltage : 120V AC / 170V DC(MAR-100)
- Max. line voltage : 250V AC / 350V DC(MAR-200)

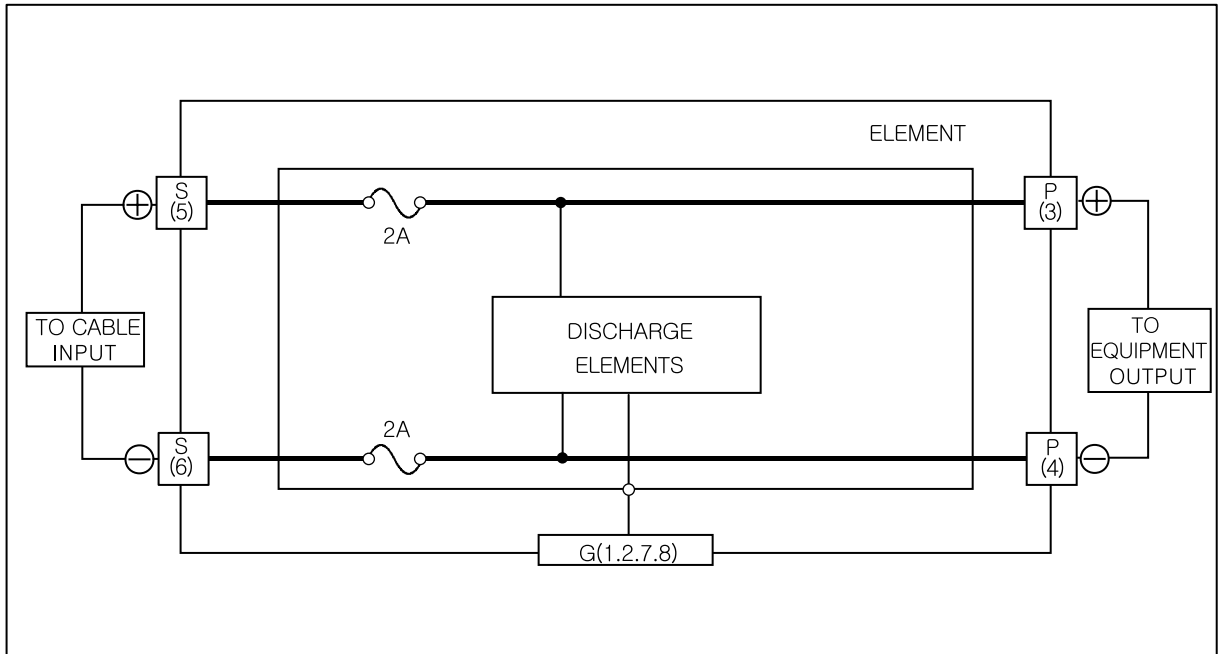
**■ CONNECTION DIAGRAM**



# AC/DC POWER LINE USE ARRESTER

MODEL  
MAR-100/200

## ■ BLOCK DIAGRAM & PIN CONNECTION



## ■ EXTERNAL DIMENSION

DIMENSION'S (mm)

