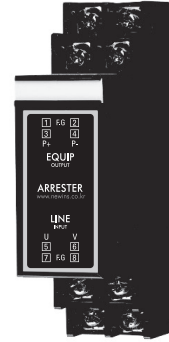


# 신호 낙뢰 보호기

# SIGNAL LINE USE ARRESTER

## NA-SL

is designed specifically for 4 ~ 20mA signal line including 2-wire transmitter.  
It is designed not to fall in the short circuit condition, thus protection the equipment from any damage caused by short circuit. To protect both transmitters and panel instrumentation, two NA-SL should be used in every loop.



## GENERAL SPECIFICATION

Wiring : DIN Terminals  
Housing : Plastic  
Mounting : DIN rail Mount

## SPECIFICATIONS

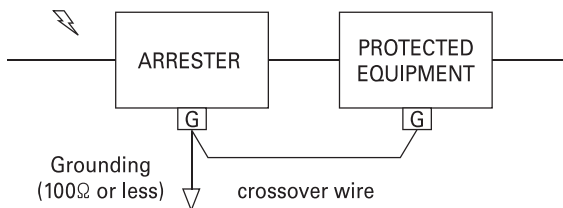
Discharge Voltage : between line : 30V or more  
between line & ground : 500V or less  
Max. Surge Voltage : 40V or less(between lines)  
Response Time : 0.1  $\mu$ sec or less  
Discharge Current : 10/20/40KA(8X20  $\mu$ sec)  
Max. Load Current : 100mA  
Internal Series Resistance : Approx. 20 $\Omega$ (including return)  
Max. Line Voltage : 30V  
Permissible Leakage Current  
between line : 5  $\mu$ A or less(at 30V DC)  
between line & ground : 5  $\mu$ A or less(at 140V DC)

## INSTALLATION

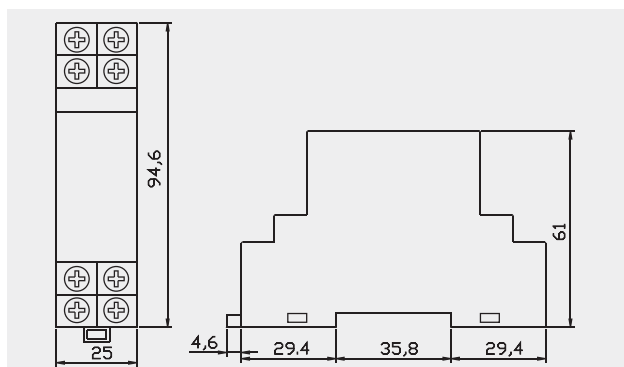
Operating Temperature : -10 ~ 70 $^{\circ}$ C  
Operating Humidity : 90% RH Max(non-condensing)

## GROUNDING

A crossover wire between NA-SL ground or metallic housing of equipment is required for protection.



## DIMENSION

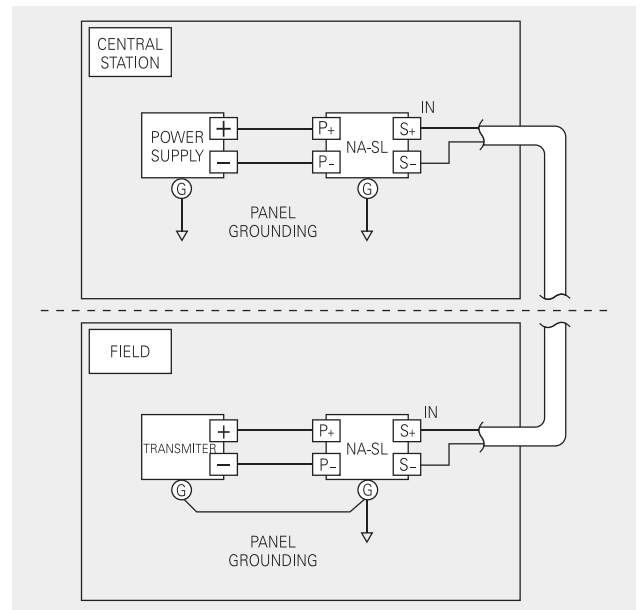


## ORDERING CODE SELECTION

MODEL : NA-SL

DISCHARGE CURRENT  
10 : 10KA  
20 : 20KA  
40 : 40KA

## BLOCK DIAGRAM



## SCHEMATIC CIRCUITRY

