

# General Specifications

AR-HA  
Arrester  
for Current Signal  
(10~50mA DC)

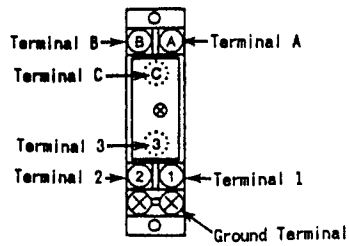
Scott

This high quality arrester protects electronic instruments by absorbing induced lightning surge voltage. Arrester should be set between lines through which surges are entered and serves to protect instruments such as transmitters or receivers safely from thunder inducement.

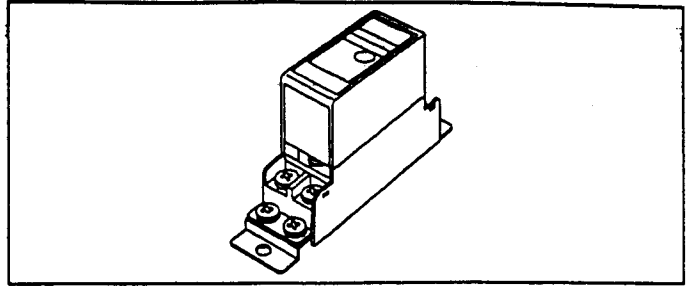
AR-HA  
Type \_\_\_\_\_  
Arrester for current signal  
(10~50mA DC)

Input & Output	
Input signal	10~50mA DC (48~65V signal line)
Output signal	10~50mA DC
Standard Performance	
Permissible current leakage :	
Between lines	Less than 5 $\mu$ A (at 70V DC)
Between ground	Less than 10 $\mu$ A (at 90V DC)
Instrument side voltage limit :	
Between lines	Less than 90V (at 10kV, 1.2/50 $\mu$ s)
Between ground	Less than 380V (at 10kV, 1.2/50 $\mu$ s)
Surge discharge withstand capacity :	
1000A (at 8/20 $\mu$ s)	
Discharge starting voltage :	
Between lines	More than 75V
Between ground	More than 135V
Max. load current	100mA
Series resistance	33 $\Omega$
Temperature range	-10~+60 $^{\circ}$ C
Humidity range	5~90%RH (no condensation)
Mounting & Shape	
Construction : 2 sections construction of main body and terminal base; plug-in+screw fastening	
Material	Case body : Black, unflammable ABS plastic Terminal base : Black, unflammable ABS plastic
Grounding	JIS Class 3 grounding [less than 100 $\Omega$ ] (with grounding bar)
Mounting method : Wall mounting with M4 screw	
Connecting method : M4 screw terminal connection (fastening torque less than 1.2N·m)	
External dimension	55x23.5x100mm (HxWxD)
Mounting dimension	90mm
Multi-mounting pitch	24mm
Weight	Abt. 110g

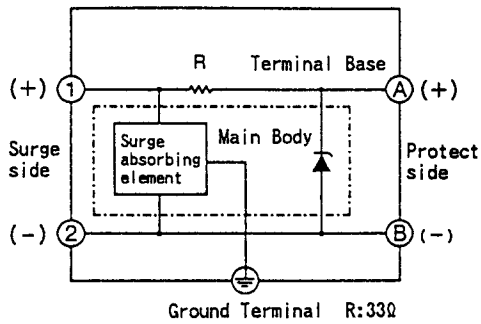
## TERMINAL ARRANGEMENT



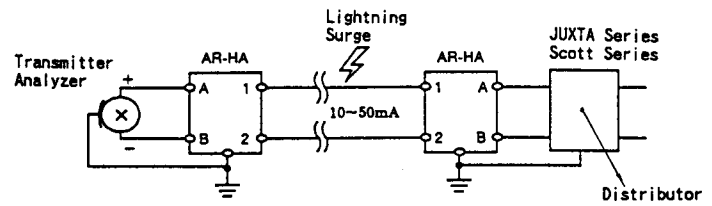
Terminal	Type	AR-HA
Protect side	A	+
Terminal	B	-
Terminal	C	—
Surge side	1	+
Terminal	2	-
Terminal	3	—



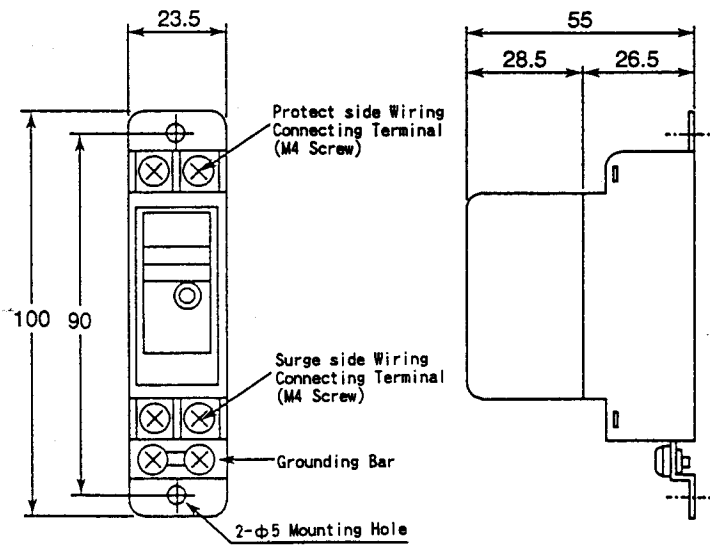
## BLOCK DIAGRAM



## WIRING



## EXTERNAL DIMENSION



Unit : mm

Subject to change without notice for grade up quality and performance