

General Specifications

AR-PW
Arrester
for Power Supply
(100V AC)

Scott

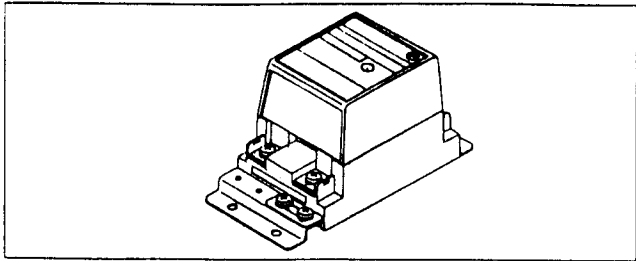
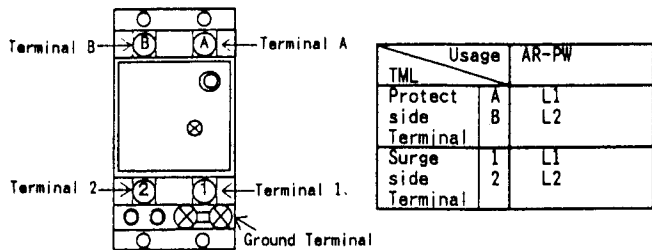
This high quality arrester protects electronic instruments by absorbing induced lightning surge voltage.

- Input signal is 100V AC.
- Load current capacity is 20A.
- With LED indicator

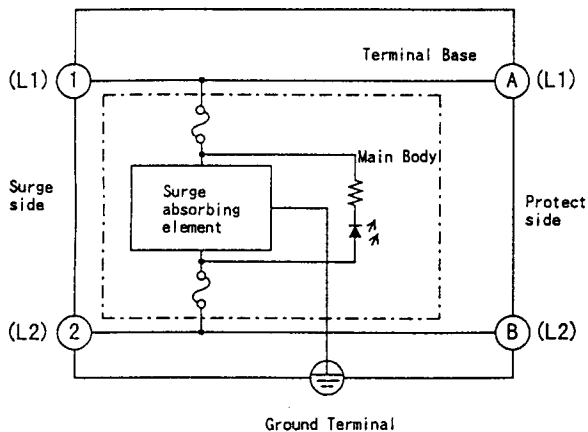
Type _____ AR-PW
Arrester for power supply
(100V AC)

Input & Output	
Input signal	100V AC
Output signal	100V AC
Standard Performance	
Permissible current leakage :	
Between ground : Less than 1mA (at 400V AC)	
(Note) 10mA flows to light LED	
(flow direction L2→L1)	
Instrument side voltage limit :	
Between lines : Less than 500V (at 100A, 1.2/50μs)	
Between ground: Less than 1000V (at 100A, 1.2/50μs)	
Surge discharge withstand capacity :	
1000A (at 8/20μs)	
Discharge starting voltage :	
Between lines : More than 240V	
Between ground : More than 420V	
Maximum load current	20A
Temperature range	-10~+60℃
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, unflammmable
	ABS plastic
Terminal base : Black, unflammmable	ABS plastic
	ABS plastic
Grounding	JIS Class 3 grounding [less than 100Ω] (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	55x47.5x100mm (HxWxD)
Mounting dimension	90mm
Multi Mounting pitch	48mm
Weight	Abt. 220g

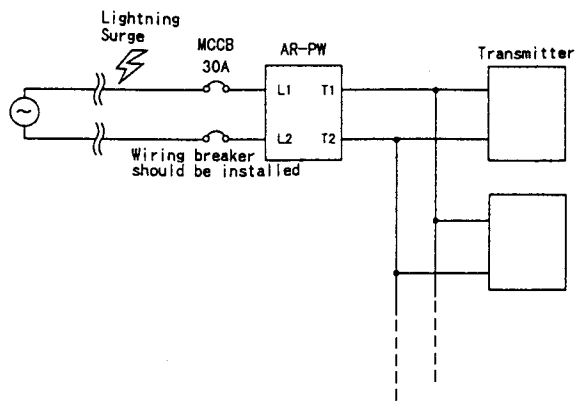
TERMINAL ARRANGEMENT



BLOCK DIAGRAM

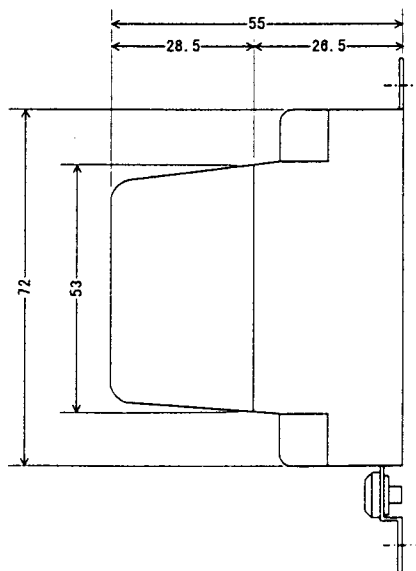
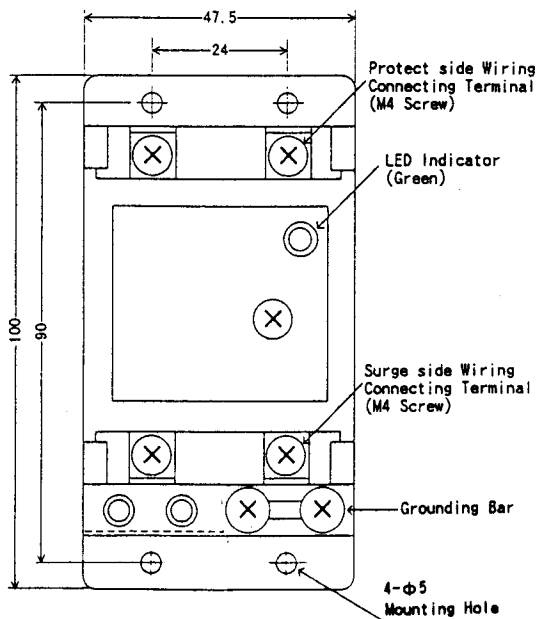


WIRING



EXTERNAL DIMENSION

Unit : mm



Subject to change without notice for grade up quality and performance