

AC Power Surge Arrester 20kA



Ordering Model Code

SCN-AR-PWR201
SCN-AR-PWR202

Features

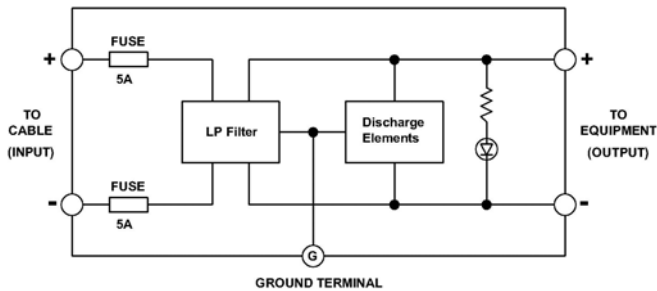
SCN-AR-PWR20 AC Power Surge Arrester is used to protect electric equipment which is connected to AC Power of max. load current 5A.

This arrester does not effect on normal frequency(50~60Hz).

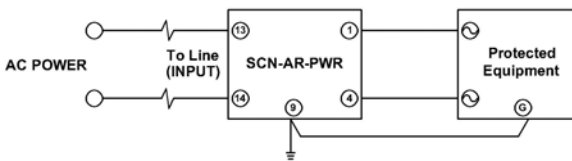
Serially structured arrester protects electric equipment from lightning or EMI.

- Power Lamp Indicator
- Fuse built-in
- Double protection structure
- Protection Mode: 3 Modes (L1-L2, L1-G, L2-G)

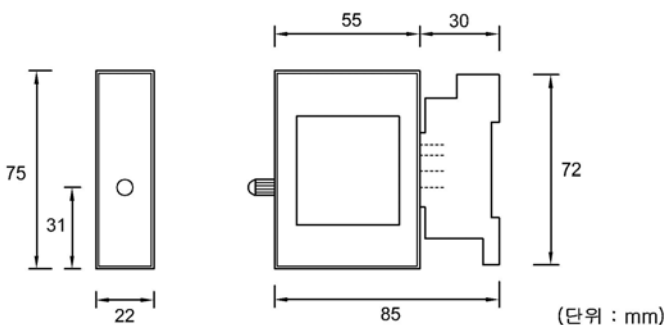
Block Diagram



Terminal Connection



Dimensions



Specifications

Model	PWR201 (110V)	PWR202 (220V)
Rated Voltage	150V AC	275V AC
Discharge Voltage (L-L)		500V (RMS 300V)
Discharge Voltage (L-G)		700V (RMS 300V)
Max. Clamping Voltage		AC 775V
Response Time	5 nsec or less	
Nominal Impulse Discharge Current	20kA / mode (8 x 20 uS) 60kA / Total (8 x 20 uS)	
Maximum Load Current	5A	5A
Max. Line Voltage (V DC)	385V	
Current Leakage		
Between Line (L-L)	0.1mA or less	
Line to ground (L-G)	0.1mA or less	
Insulation Resistance	100MΩ or more	
Nominal Voltage	100/110/120V AC	200/220/240V AC
Ambient Temp. and Humidity	-40°C ~ 80°C 90% RH	
Elements Used	UL Certified	
Featured Function	Automatic Return after Surge Inflow	
Case Material & Color	Flame-resistant Resin Black	
Mounting	Plug-in Type, Base & Body Separable	
Weight	110g	
Dimensions	22(W) x 75(H) x 85(D) mm	