

1-phase Power Surge Protector 80kA



◎ Ordering Model Code

SCN-GPS-280-1
SCN-GPS-280-2

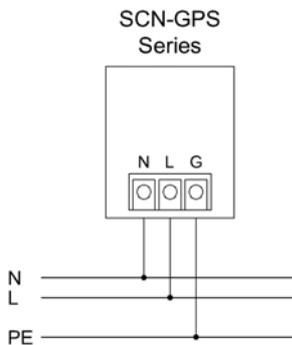
◎ Features

SCN-GPS-280 AC Power Surge Protector is used on single-phase 2-wire AC power line in parallel to protect electric equipment from the surge voltage caused by lightning.

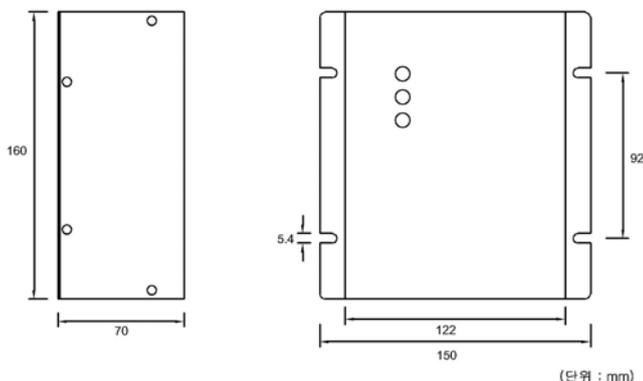
This device protects electric equipment from lightning or EMI by using line filter.

- Power lamp and error lamp indicator
- Ground normal operation check lamp
- Fuse built-in

◎ Terminal Connection



◎ Dimensions



◎ Specifications

Model	GPS-280-1 (110V)	GPS-280-2 (220V)
Max Continuous Rated Voltage	180V AC (RMS)	320V AC (RMS)
Maximum Surge Voltage	(L-L) : 310V (L-G) : 310V	(L-L) : 845V (L-G) : 845V
Response Time	< 25 nano seconds	
Nominal Impulse Discharge Current	80kA / mode (8 x 20 uS) 160kA / Phase (8 x 20 uS)	
Voltage Drop	less than 2V (50~60Hz)	
Insulation Resistance between Lines	1000MΩ or more	
Grade	Class II	
Protecting Type	Parallel	
Nominal Voltage	100/110/120V AC	200/220/240V AC
Ambient Temperature	-40°C ~ 80°C	
Case Material & Color	Steel / Black	
Elements Used	UL Certified	
Featured Function	Automatic Return after Surge Inflow	
Mounting	Panel Mounting	
Dimensions	150(W) x 160(H) x 70(D) mm	