

# 3-phase Power Surge Protector 120kA



## ◎ Ordering Model Code

SCN-GPS-33120  
SCN-GPS-34120

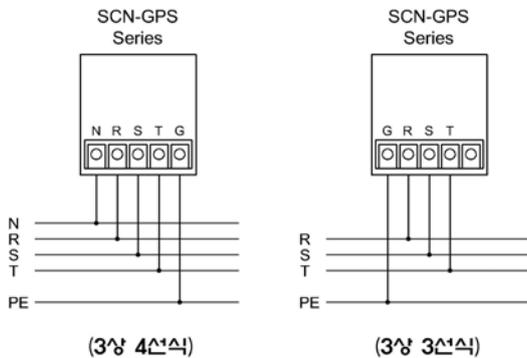
## ◎ Features

**SCN-GPS-33120/34120 AC Power Surge Protector** is used on three-phase 3/4-wire AC power line in parallel to protect electric equipment from the surge voltage caused by lightning.

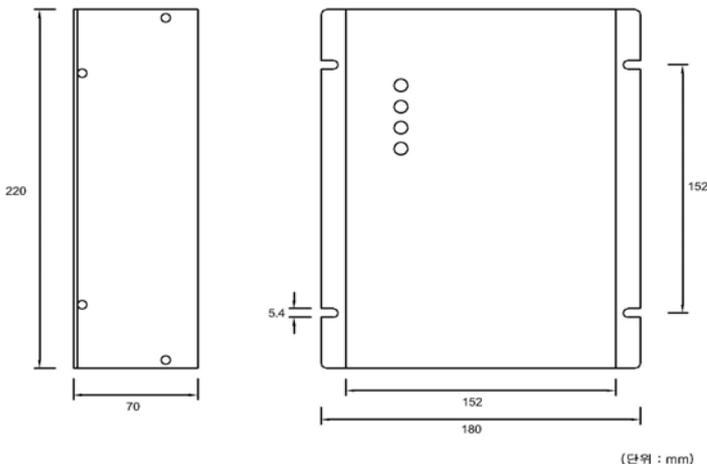
This device protects electric equipment from lightning or EMI by using line filter.

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

## ◎ Terminal Connection



## ◎ Dimensions



## ◎ Specifications

Model	GPS-33120 (3-phase 3-wire)	GPS-34120 (3-phase 4-wire)
<b>Max Continuous Rated Voltage</b>	575V AC (RMS) 760V DC (RMS)	300V AC (RMS) 380V DC (RMS)
<b>Maximum Surge Voltage</b>	(L-L) : 1570V (L-G) : 1570V	(L-L) : 775V (L-G) : 775V
<b>Response Time</b>	< 25 nano seconds	
<b>Nominal Impulse Discharge Current</b>	120kA / mode (8 x 20 uS) 240kA / Phase (8 x 20 uS)	
<b>Voltage Drop</b>	less than 2V (50~60Hz)	
<b>Insulation Resistance between Lines</b>	1000MΩ or more	
<b>Grade</b>	Class II	
<b>Protecting Type</b>	Parallel	
<b>Nominal Voltage</b>	380V AC	380V AC
<b>Ambient Temperature</b>	-40°C ~ 80°C	
<b>Case Material &amp; Color</b>	Steel / Black	
<b>Elements Used</b>	UL Certified	
<b>Featured Function</b>	Automatic Return after Surge Inflow	
<b>Mounting</b>	Panel Mounting	
<b>Dimensions</b>	180(W) x 220(H) x 70(D) mm	