

3-phase Power Surge Protector 160kA



◎ Ordering Model Code

SCN-GPS-33160

SCN-GPS-34160

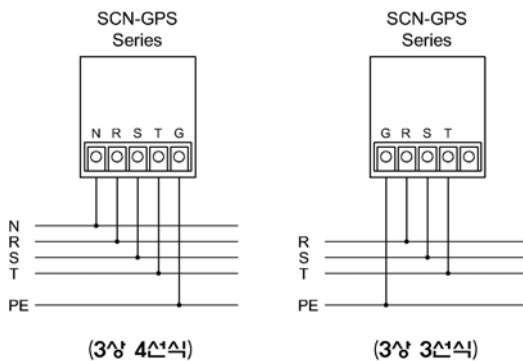
◎ Features

SCN-GPS-33160/34160 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.

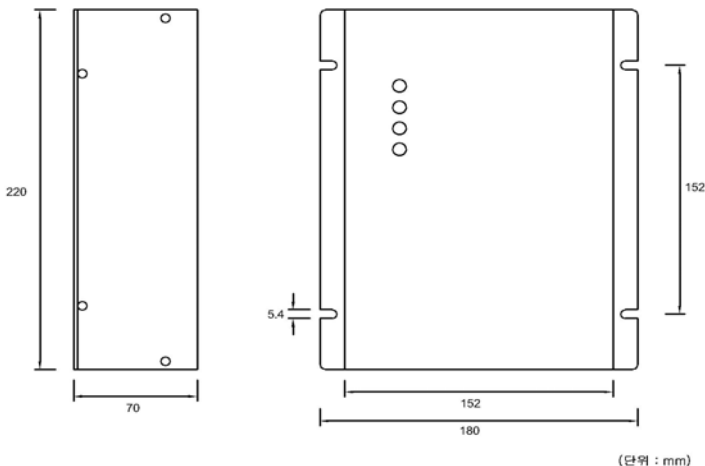
This device protects electric equipment from lightning or EMI by using line filter.

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

◎ Terminal Connection



◎ Dimensions



◎ Specifications

Model	GPS-33160 (3-phase 3-wire)	GPS-34160 (3-phase 4-wire)
Max Continuous Rated Voltage	575V AC (RMS) 760V DC (RMS)	300V AC (RMS) 380V DC (RMS)
Maximum Surge Voltage	(L-L) : 1570V (L-G) : 1570V	(L-L) : 775V (L-G) : 775V
Response Time	< 25 nano seconds	
Nominal Impulse Discharge Current	160kA / mode (8 x 20 uS) 320kA / 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	380V AC	380V 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	180(W) x 220(H) x 70(D) mm	