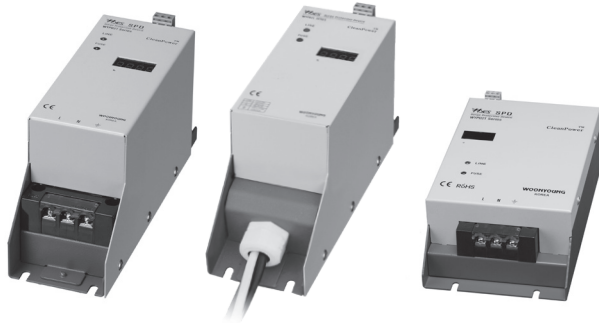


# Surge Protective Device(SPD)

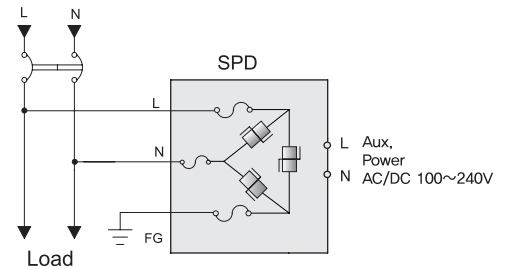
WYES®  
서지 낙뢰 보호기

단상접지 카운터형(1P2W) 220V Counter type 80/100/120kA series

CE RoHS



## ● Connection



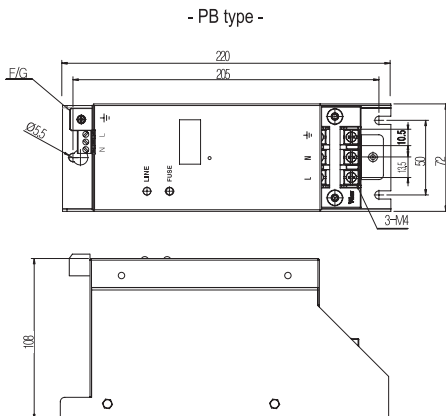
단상접지  
(1phase earthed type)

## ● Specification

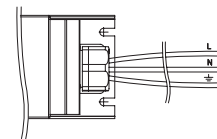
| ITEM                                   | MODEL | WYPB2080T220C / L220C<br>WYPD2080T220C / L220C | WYPB2100T220C / L220C<br>WYPD2100T220C / L220C | WYPB2120T220C / L220C<br>WYPD2120T220C / L220C |
|----------------------------------------|-------|------------------------------------------------|------------------------------------------------|------------------------------------------------|
| Nominal voltage (Un)                   |       | Single phase 220VAC                            |                                                |                                                |
| Aux, Power                             |       | AC / DC 100 ~ 240V                             |                                                |                                                |
| Max. continuous operating voltage (Uc) |       | 320VAC                                         |                                                |                                                |
| Voltage protection level (Up)          |       | <1.2kV@20kV / 10kA (IEC61643-1)                |                                                |                                                |
| Rated frequency (Fo)                   |       | 50 / 60Hz                                      |                                                |                                                |
| Max. discharge current (Imax)          |       | 80kA                                           | 100kA                                          | 120kA                                          |
| Nominal discharge current (In)         |       | 40kA                                           | 50kA                                           | 60kA                                           |
| Max. impulse current (Iimp)            |       | -                                              |                                                |                                                |
| Protection level                       |       | Class II, III                                  |                                                |                                                |
| Protection mode                        |       | L-N, L-G, N-G                                  |                                                |                                                |
| Operating temperature range            |       | -40 ~ 90°C                                     |                                                |                                                |
| Operating Humidity                     |       | 35 ~ 85%RH                                     |                                                |                                                |
| Storage temperature range              |       | -40 ~ 125°C                                    |                                                |                                                |
| Fuse                                   |       | Thermal runaway fuse                           |                                                |                                                |
| Connection type                        |       | T : Terminal type / L : Lead type              |                                                |                                                |
| Connection mode                        |       | Parallel connection type                       |                                                |                                                |
| Wire size for connections              |       | 6mm <sup>2</sup>                               |                                                | 10mm <sup>2</sup>                              |
| Response time                          |       | < 25 nano second                               |                                                |                                                |
| Indicator LED                          | Green | Power lamp                                     |                                                |                                                |
|                                        | Red   | Fuse off at lamp on (이상시 램프'on')               |                                                |                                                |
| Weight (kg)                            |       | 1.8                                            |                                                |                                                |

\*Model type T: Terminal Type, L: Lead wire Type

## ● Dimension

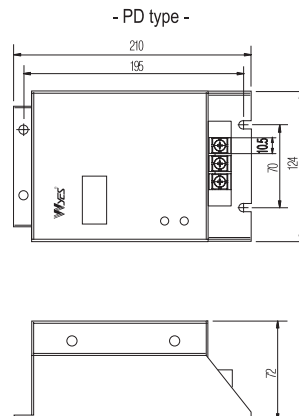


<Lead type>

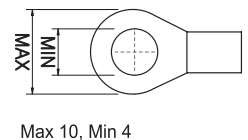


80/100kA-KIV insulation wire 6mm<sup>2</sup>  
120kA-KIV insulation wire 10mm<sup>2</sup>

| Line | Color          | Lead |
|------|----------------|------|
| L    | White          | 60cm |
| N    | Black          | 60cm |
| FG   | Green / Yellow | 1m   |



## ● Terminal



트랜스포머  
SSR  
무접점릴레이  
전력조정기  
스위칭파워  
노이즈필터  
하모닉필터  
서지보호기  
보호계전기  
RELAY  
ELED=경보기  
영상변류기  
ZCT  
METER  
계기용변성기  
SHUNT=팬