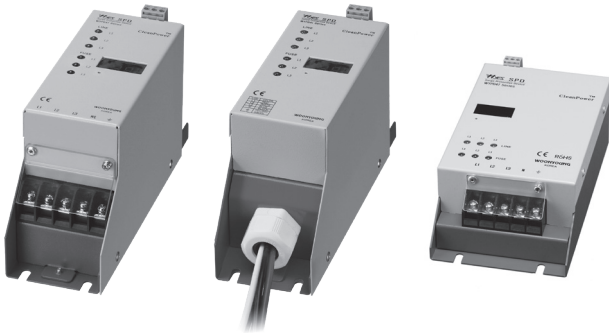


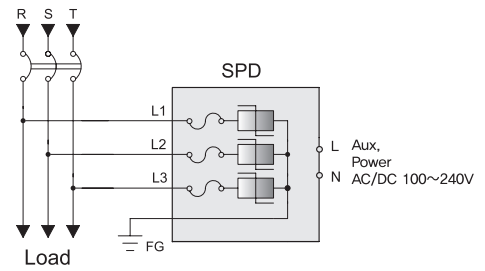
# Surge Protective Device(SPD)

삼상접지 카운터형(3P3W) 380V, 440/480V Counter type 20/40kA series

CE RoHS



## ● Connection



삼상접지  
(3phase earthed type)

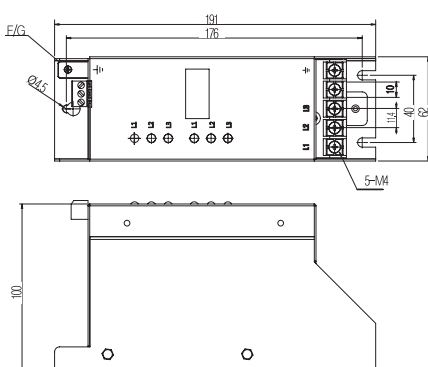
## ● Specification

| ITEM \ MODEL                           |       | MODEL                                                                                            |                                                                                                  |
|----------------------------------------|-------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
|                                        |       | WYPB3020T380C / L380C<br>WYPB3020T440C / L440C<br>WYPD3020T380C / L380C<br>WYPD3020T440C / L440C | WYPB3040T380C / L380C<br>WYPB3040T440C / L440C<br>WYPD3040T380C / L380C<br>WYPD3040T440C / L440C |
| Nominal voltage (Un)                   |       | Three phase 380VAC, 440 / 480VAC                                                                 |                                                                                                  |
| Aux, Power                             |       | AC / DC 100 ~ 240V                                                                               |                                                                                                  |
| Max. continuous operating voltage (Uc) |       | 460 / 625VAC                                                                                     |                                                                                                  |
| Voltage protection level (Up)          |       | <1.2kV@20kV / 10kA (IEC61643-1)                                                                  |                                                                                                  |
| Rated frequency (Fo)                   |       | 50 / 60Hz                                                                                        |                                                                                                  |
| Max. discharge current (Imax)          |       | 20kA                                                                                             | 40kA                                                                                             |
| Nominal discharge current (In)         |       | 10kA                                                                                             | 20kA                                                                                             |
| Max. impulse current (Iimp)            |       | -                                                                                                |                                                                                                  |
| Protection level                       |       | Class II, III                                                                                    |                                                                                                  |
| Protection mode                        |       | L-L, L-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              |       | 2.5mm <sup>2</sup>                                                                               | 4mm <sup>2</sup>                                                                                 |
| Response time                          |       | < 25 nano second                                                                                 |                                                                                                  |
| Indicator LED                          | Green | Power lamp                                                                                       |                                                                                                  |
|                                        | Red   | Fuse off at lamp on (이상시 램프'on')                                                                 |                                                                                                  |
| Weight (kg)                            |       | 1.1                                                                                              |                                                                                                  |

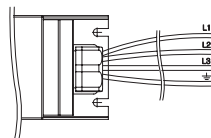
\*Model type T: Terminal Type, L: Lead wire Type

## ● Dimension

- PB type -



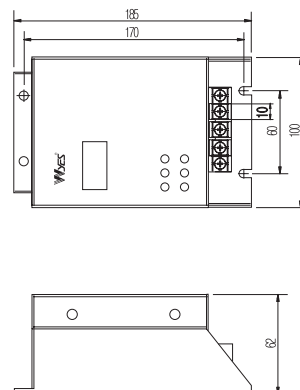
<Lead type>



20kA-KIV insulation wire 2.5mm<sup>2</sup>  
40kA-KIV insulation wire mm<sup>2</sup>

| Line | Color          | Lead |
|------|----------------|------|
| L1   | Red            | 60cm |
| L2   | White          | 60cm |
| L3   | Blue           | 60cm |
| ⊥    | Green / Yellow | 1m   |

- PD type -



## ● Terminal

