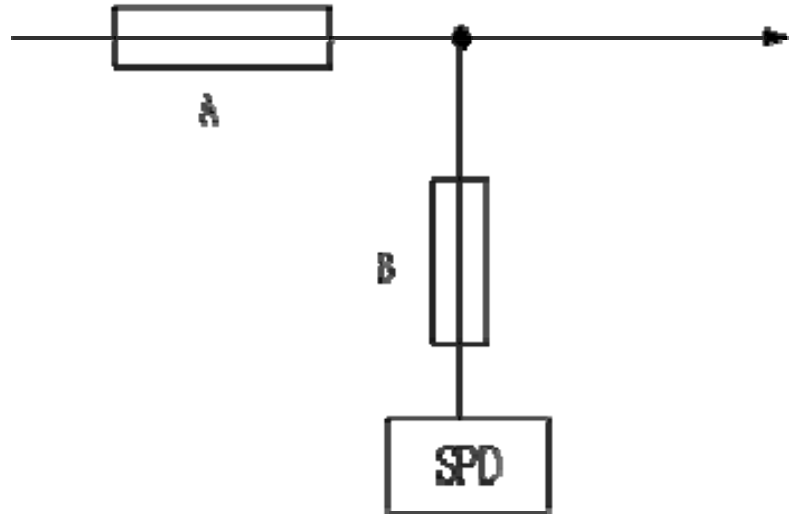
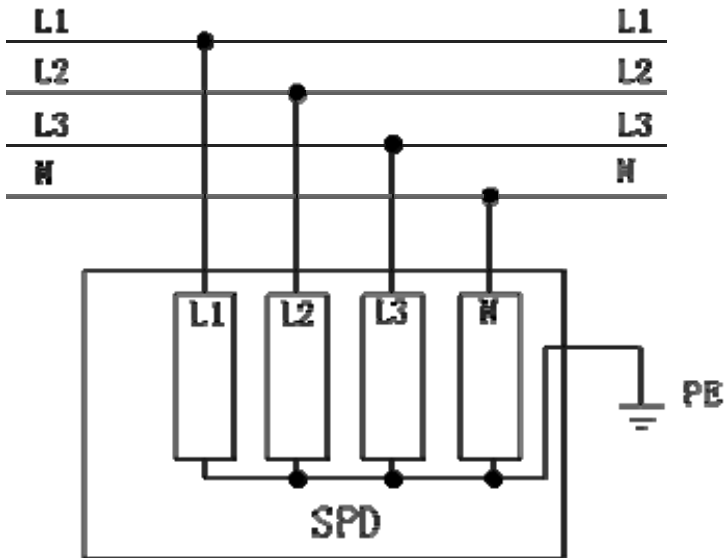


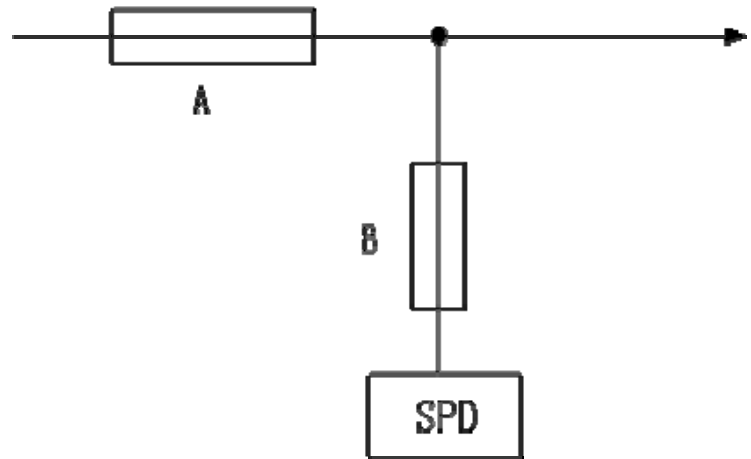
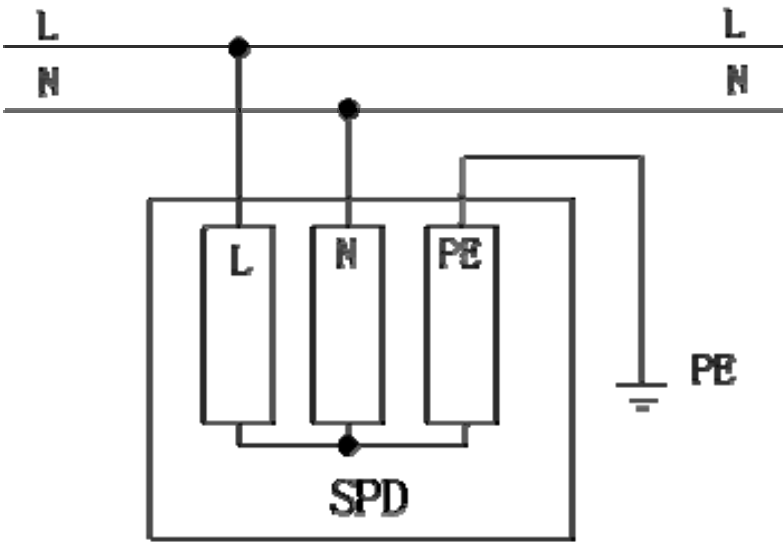
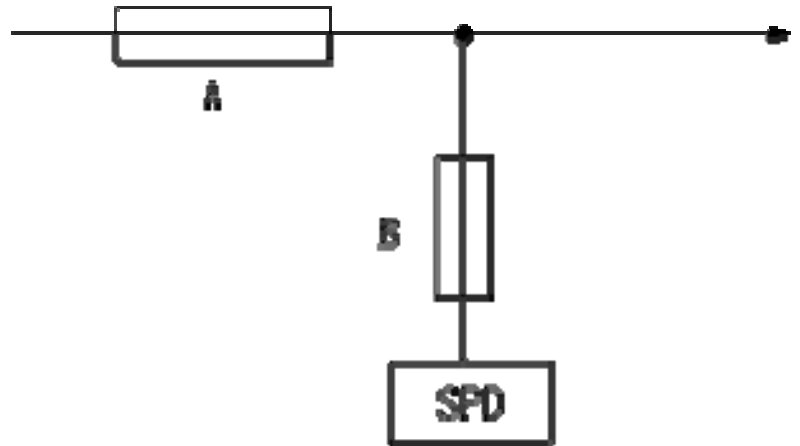
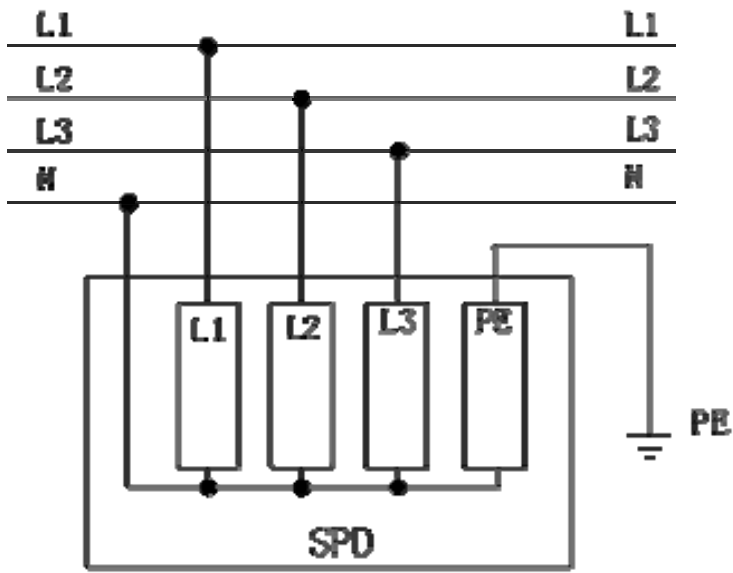
# SPDs Connection and Installation

## Box type of SPDs connection and Installation

Notice:

1. Switch off power supply before installation, the connection cables must be multi-cores leads, 16mm ~ 25mm multi-cores cables recommended.
2. If system power frequency current “A” is more than 100A, “B” with 63A circuit breaker or surge suppression fuse is necessary.
3. All LEDs green means normal, any of LEDs turn off means fault in SPDs and need to be replaced immediately. When all LEDs turn off, it is possible there is faulty on power supply system or SPDs, please check.
4. When the remote signaling alarms, please check the SPDs and replace if there is faulty on SPDs.
5. No need special maintenance, check the connection state, working state and LEDs regularly.





**Din Rail SPD's Installation**

1. Switch off power supply before installation, the connection cables must be multi-cores leads, 16mm ~ 25mm multi-cores cables recommended. Kelvin connection (chart 1) and T connection (Chart 2) is available, use as short as possible leads for T connection, less than 0.5m long.
2. Select suit circuit breaker or surge suppression fuse in series with SPDs.
3. Green windows mean normal, red windows mean SPDs fail and need to be replaced immediately.
4. When the remote signaling alarms, please check the SPDs and replace if there is faulty on SPDs.
5. No need special maintenance, check the connection state and indication status regularly.

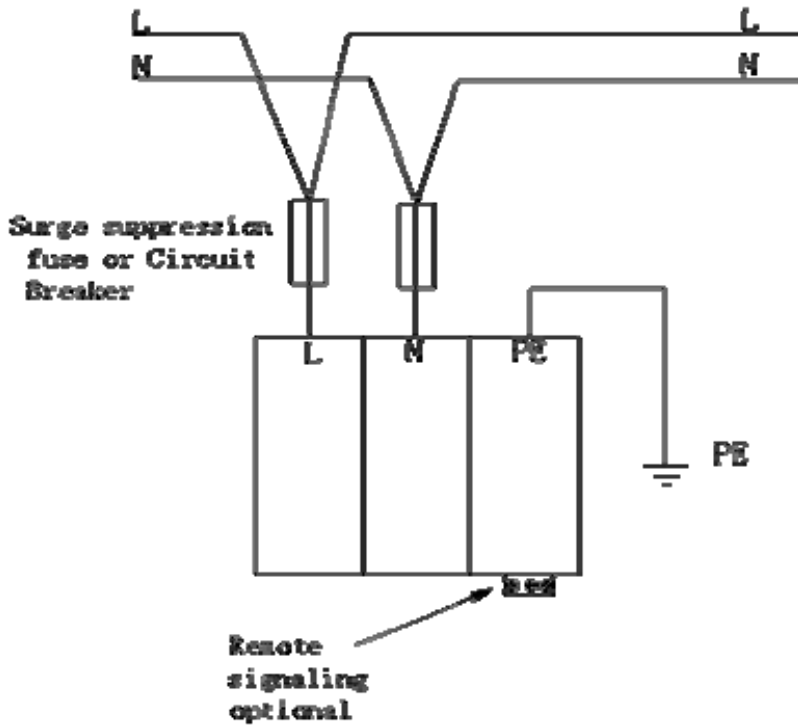


Chart 1

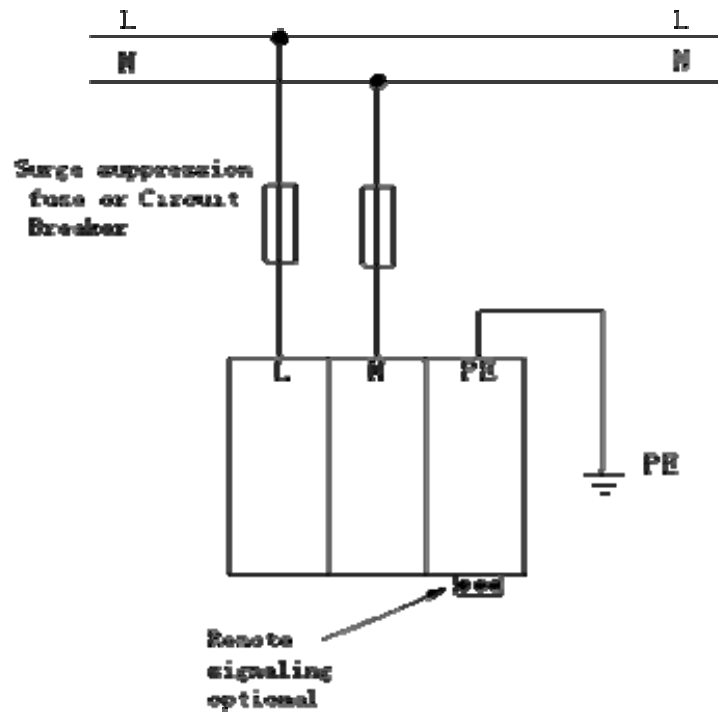


Chart 2

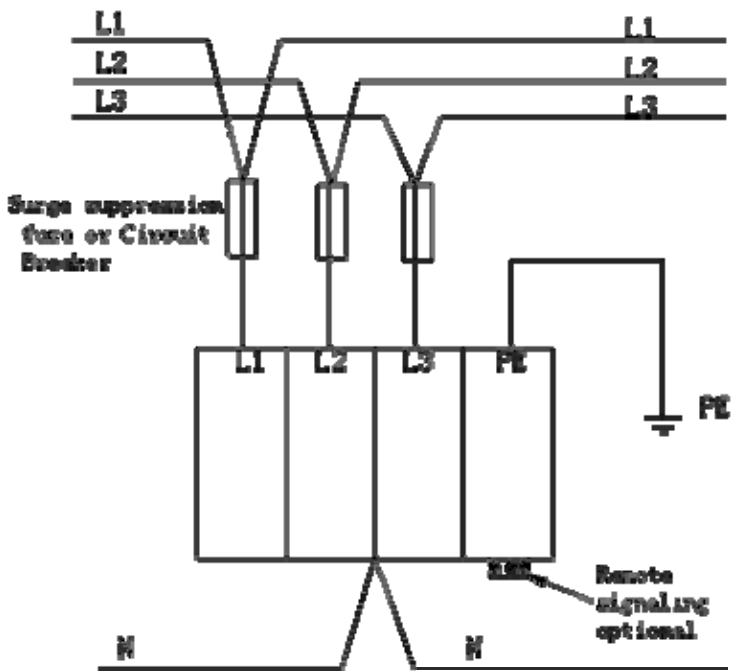


Chart 1

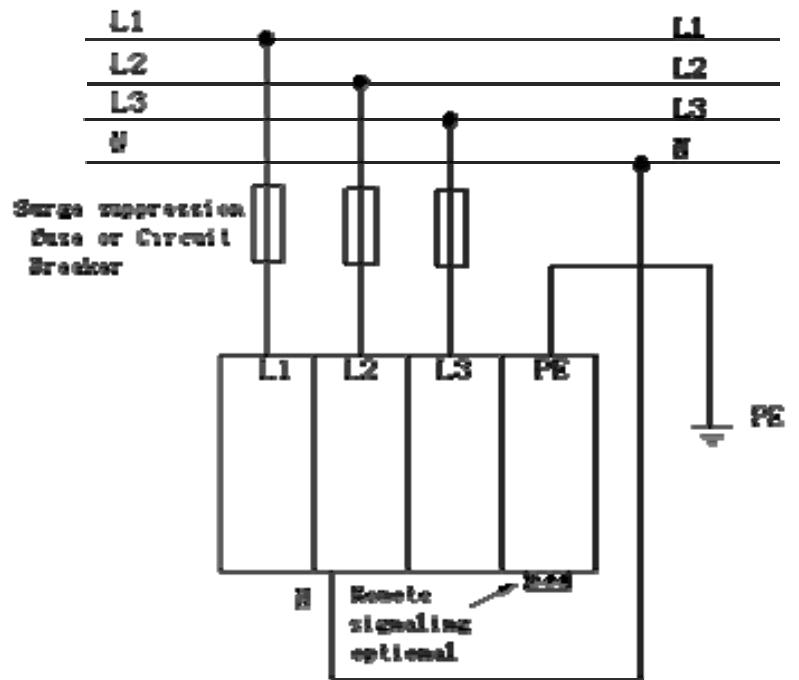
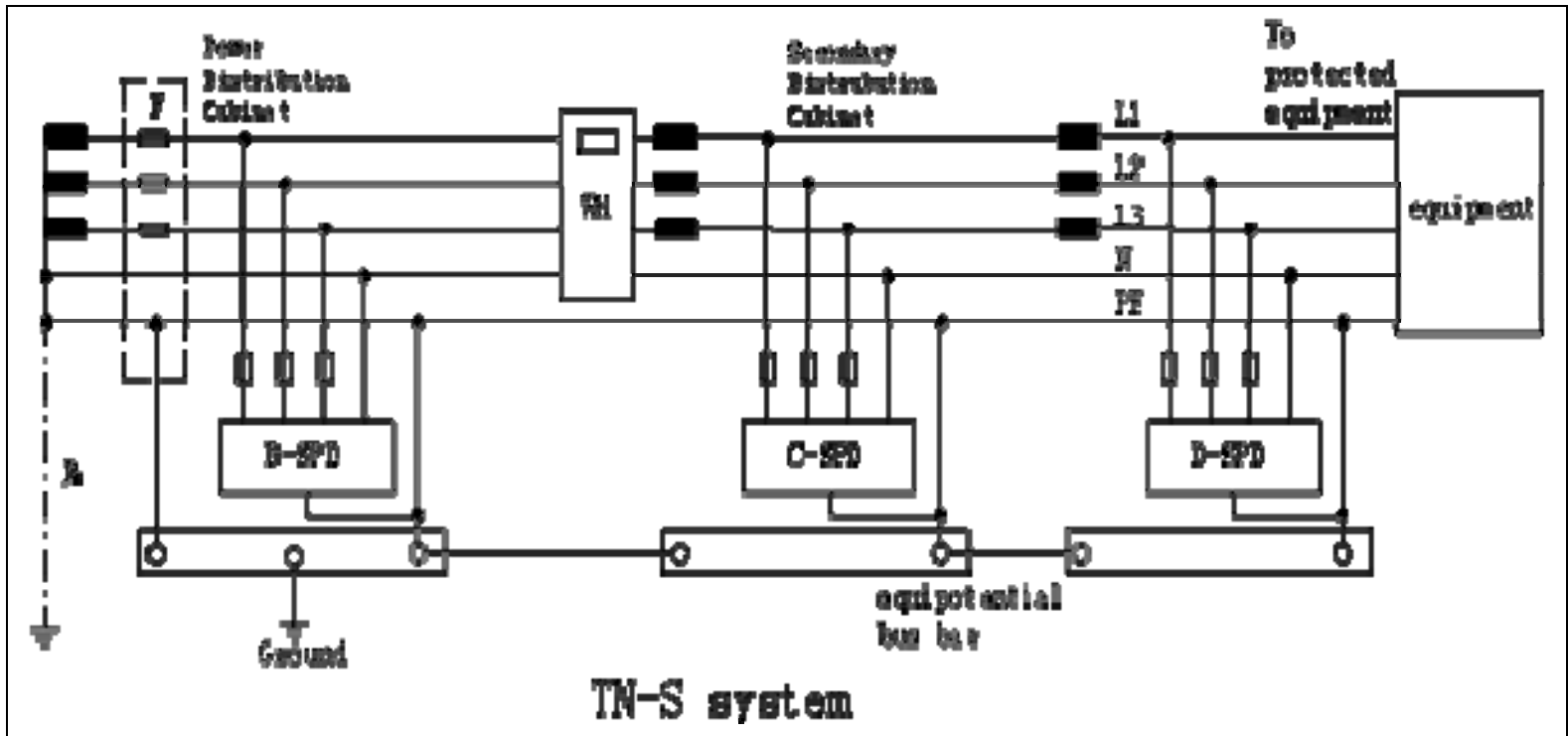


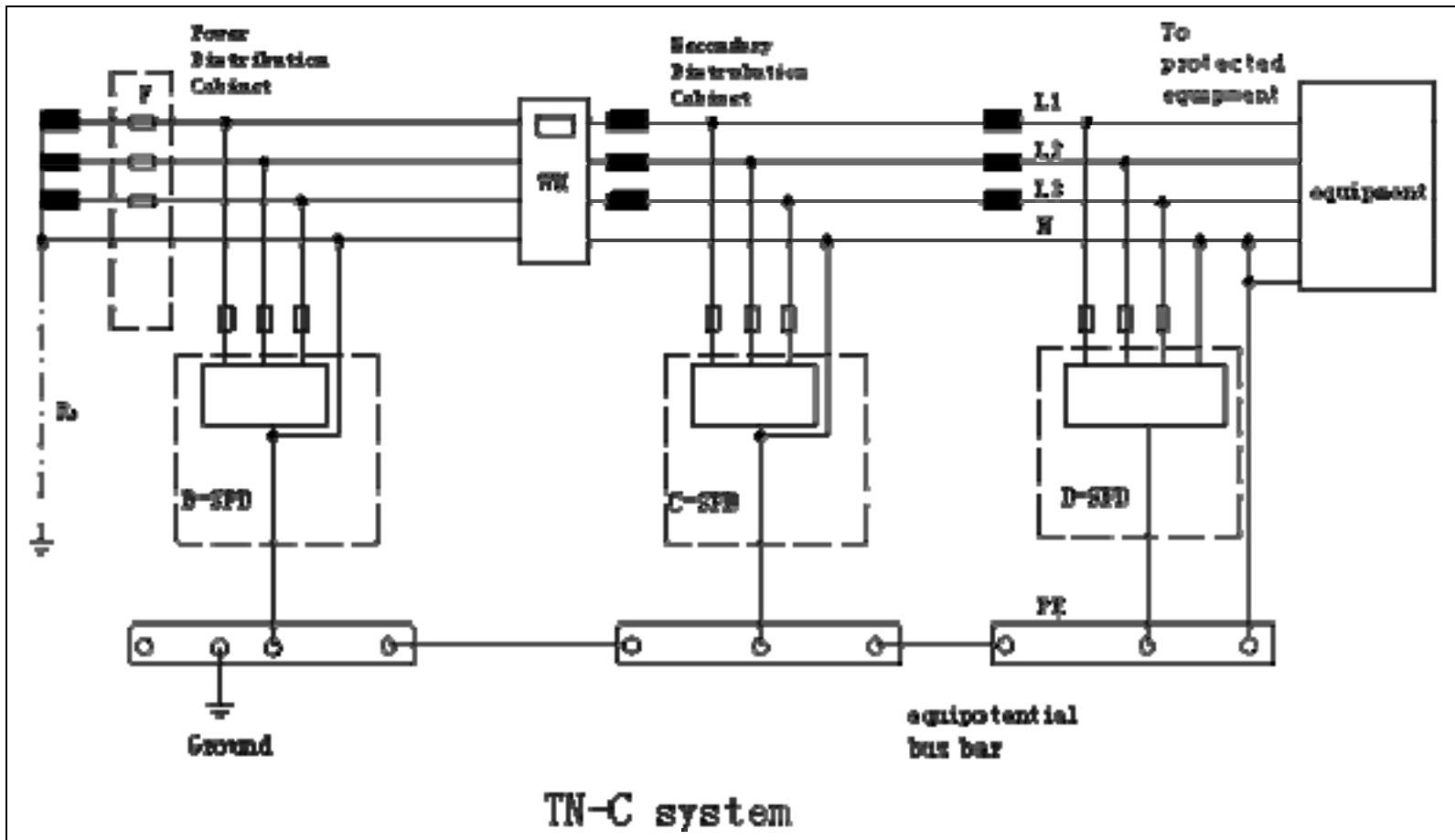
Chart 2

Connections for different power systems

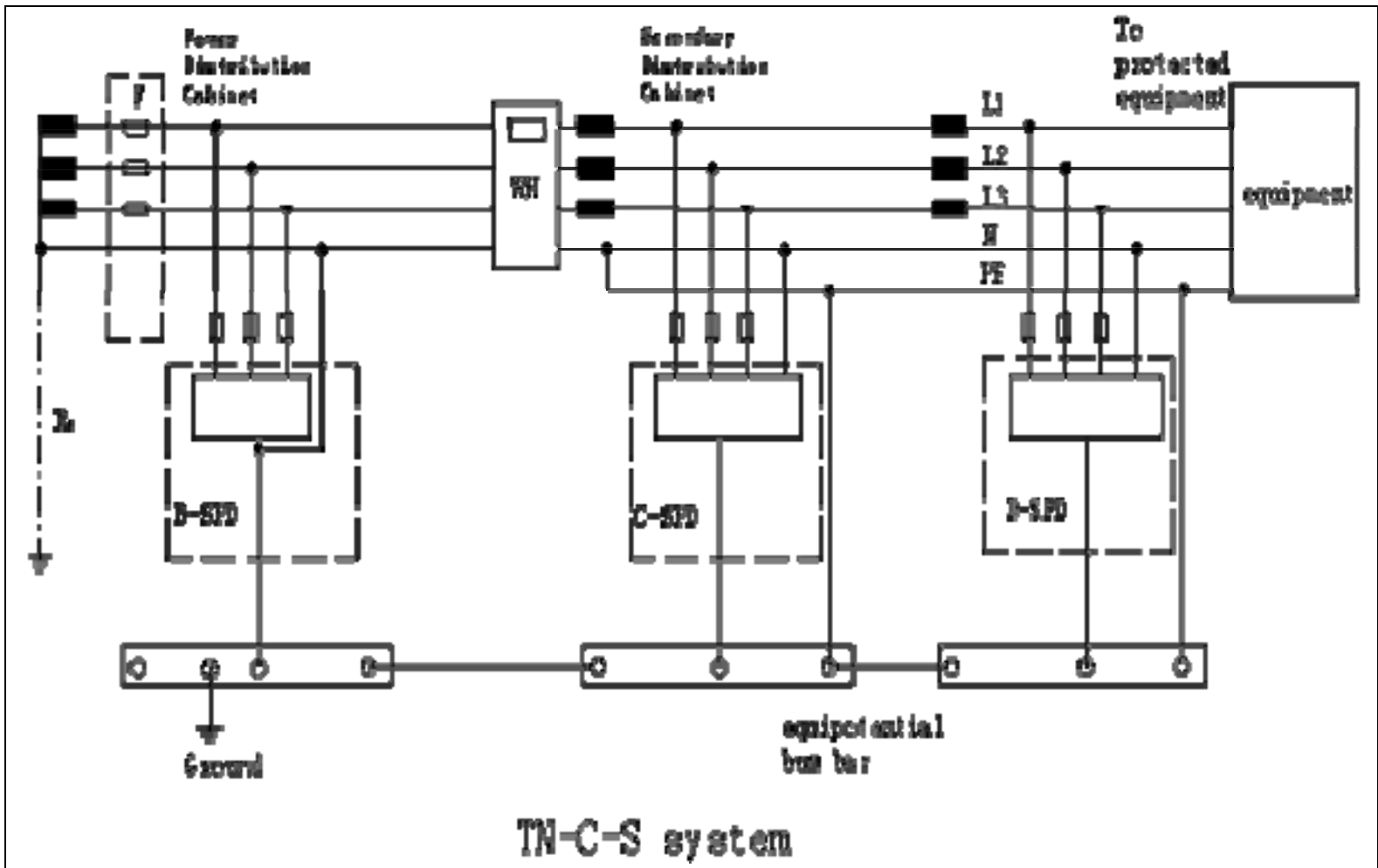
TN-S system



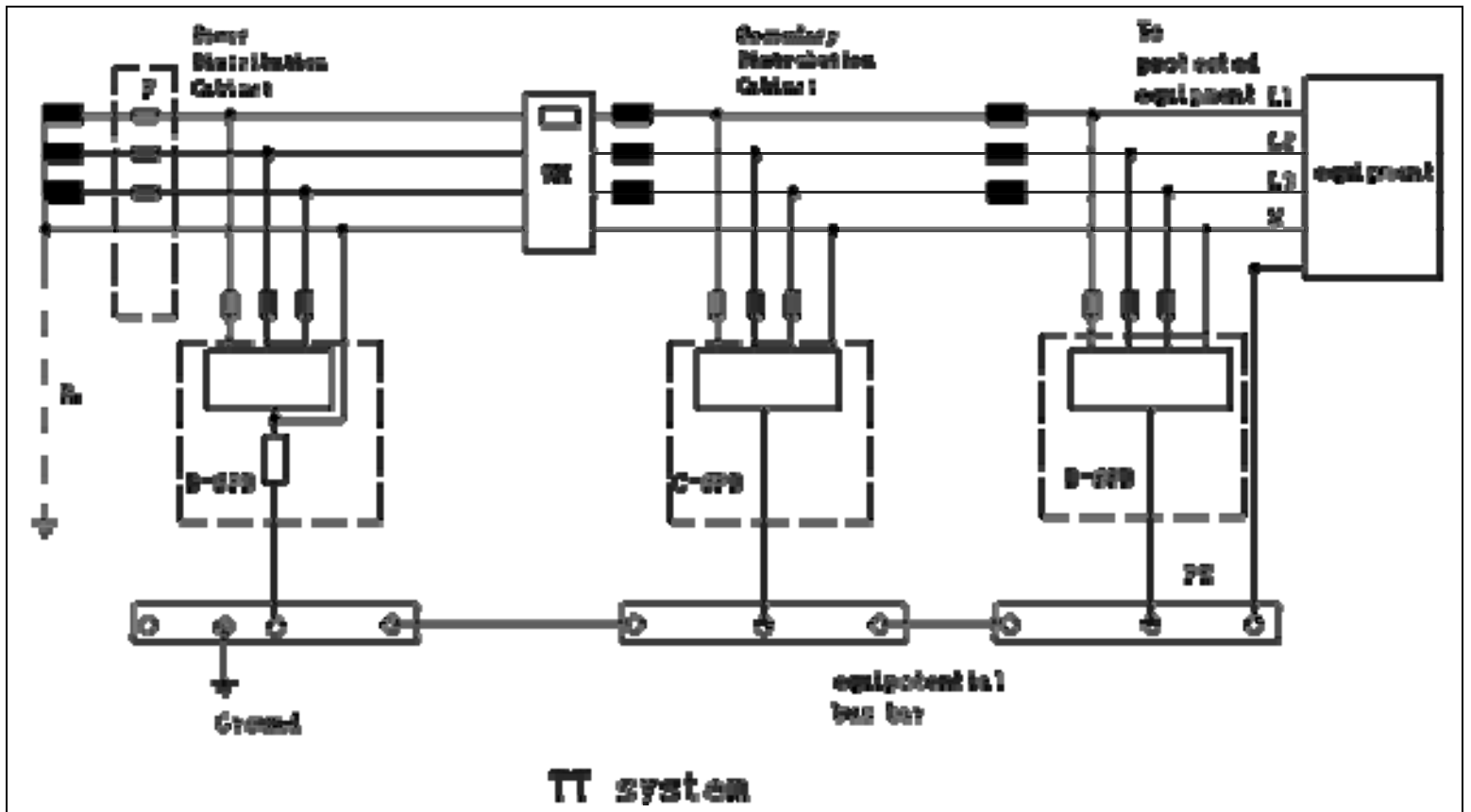
TN-C system



TN-C-S system



TT system





IT system

