

Wiring diagram MHM Flash Cures



MHM Flash Cures type:

QC 4646 MW, QC 4355 MW, QC 4661 MW,
QC 4669 MW, QC 4170 MW, QC 5069 MW,
QC 70100 MW, QC 8044 MW, QC 6080 MW,
QC 4646 HTL, QC 4355 HTL, QC 4661 HTL,
QC 4170 HTL, QC 70100 HTL

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1. Power supply

The MHM Flash Cure must be connected to a suitable power supply. The permissible voltage can be read on the type plate. An incorrect voltage will damage the device and result in loss of warranty.

The voltage will be either:

- 3x 400 V => 3 Phase + N + PE or
- 3x 210 V => 3 Phase + PE



When connecting to 3x 400 V the NEUTRAL MUST be connected.
When connecting to 3x 210 V the NEUTRAL is NOT connected.

The frequency must be 50 Hz or 60 Hz. The values for voltage and frequency must be within $\pm 5\%$.

2. Basic construction

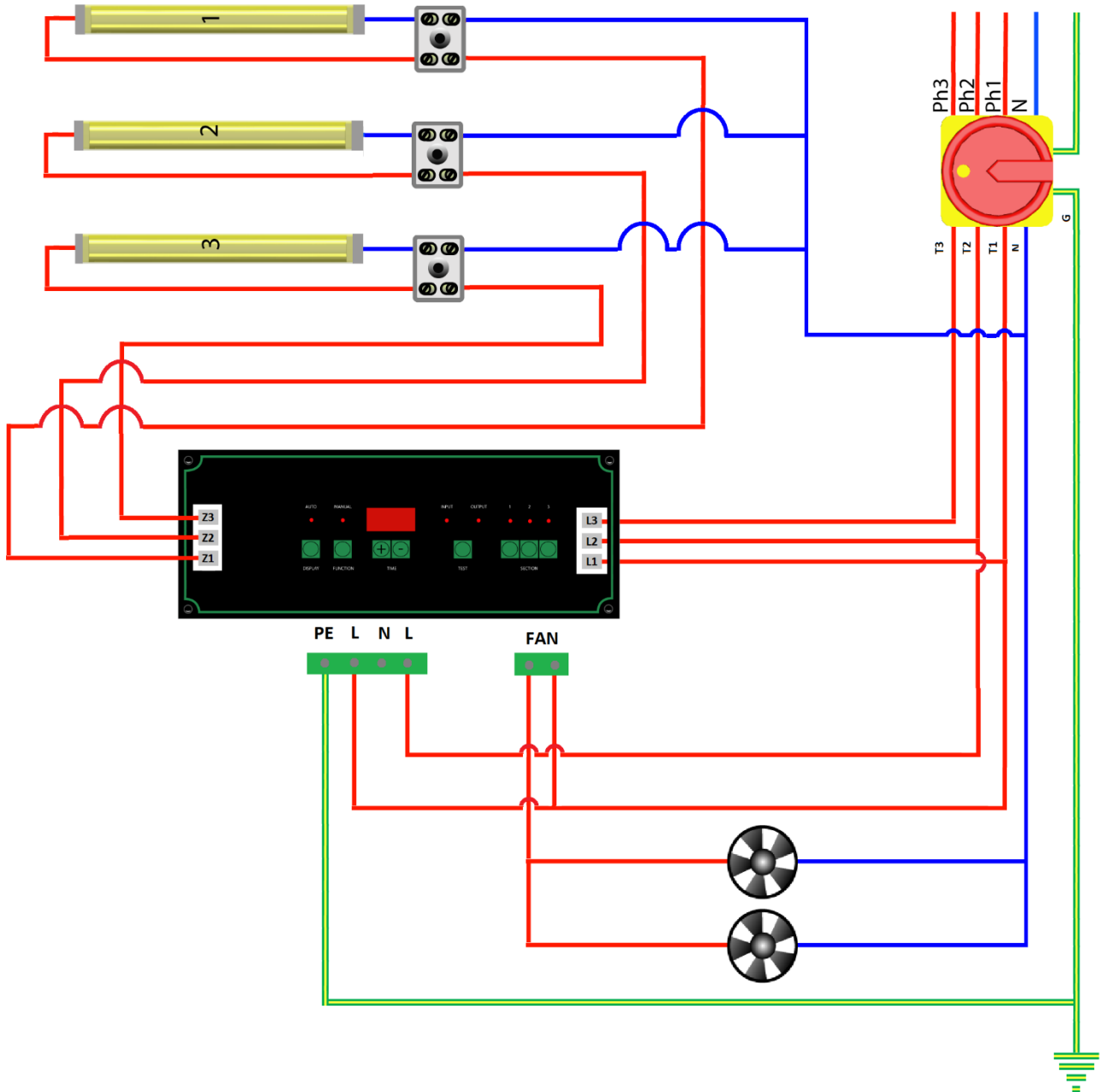
Depending on the supply voltage, the devices are cabled differently internally. With a supply voltage of 3x 400 V, the lamps are supplied with one phase and the neutral conductor. Devices with 3x 210V use two phases for the supply of the lamps. The exact wiring can be found in the chapter "Internal device wiring".

Different types of lamps with different nominal voltages are used for the different device types. In order to operate the lamps at the given supply voltage, they must be connected in series or in parallel. The exact conducting can be found in the chapter "Lamp wiring".

Depending on the device type, the units have 1, 2, 3 or 6 fans which are all operated in parallel.

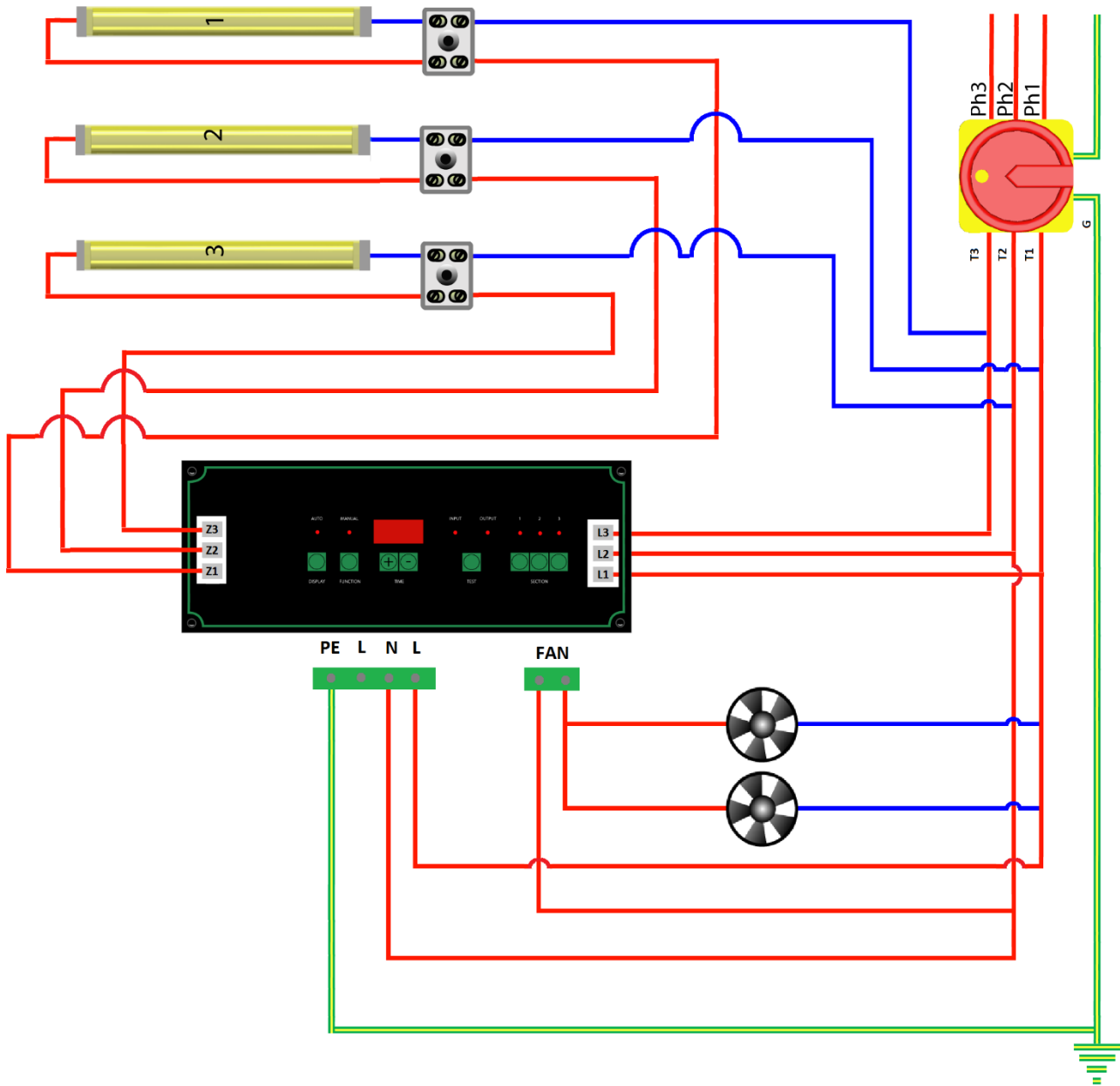
3. Internal device wiring

3.1. At 3x 400V + N + PE



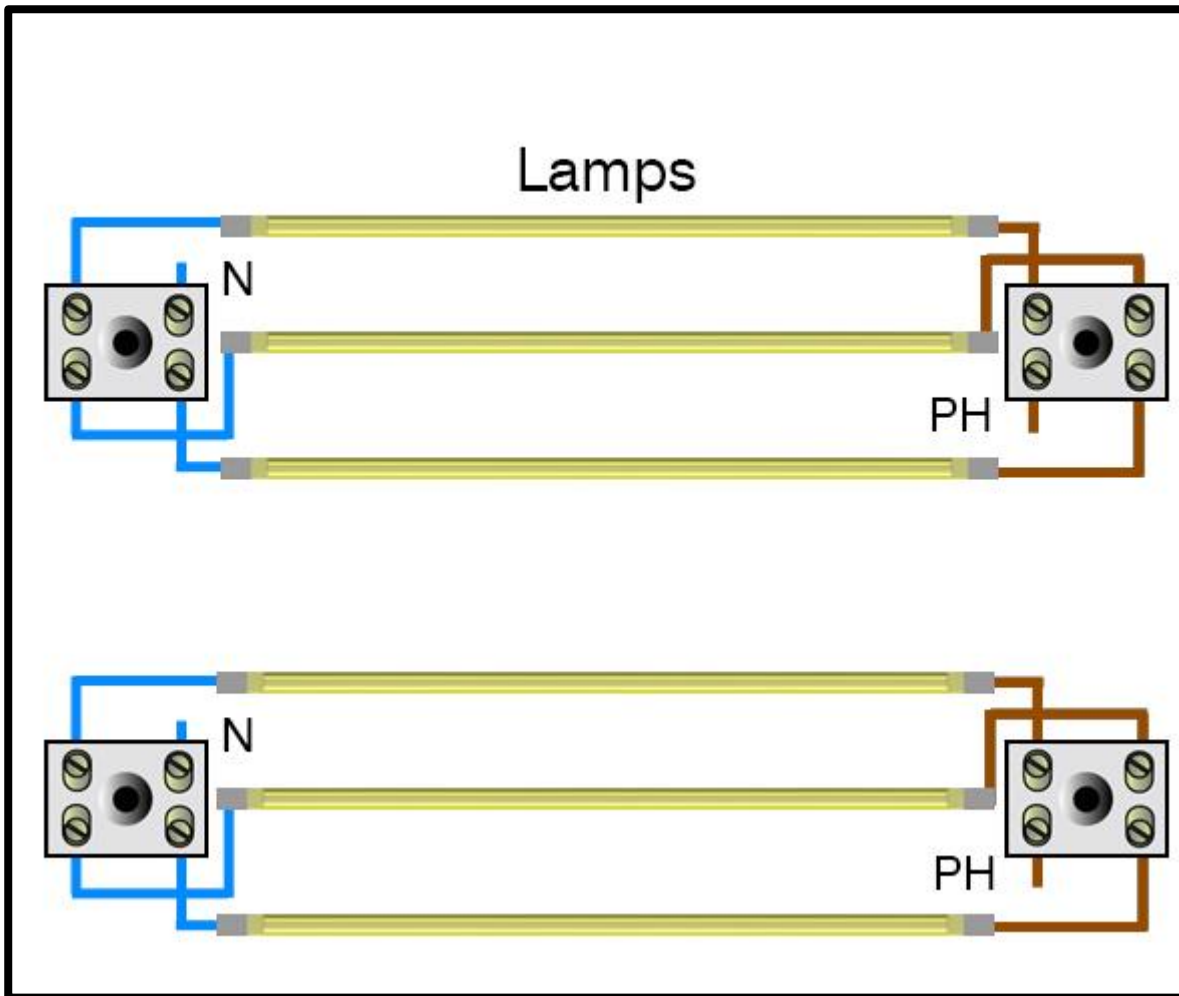
Wiring diagram MHM Flash Cures

3.2. At 3x 210V + PE

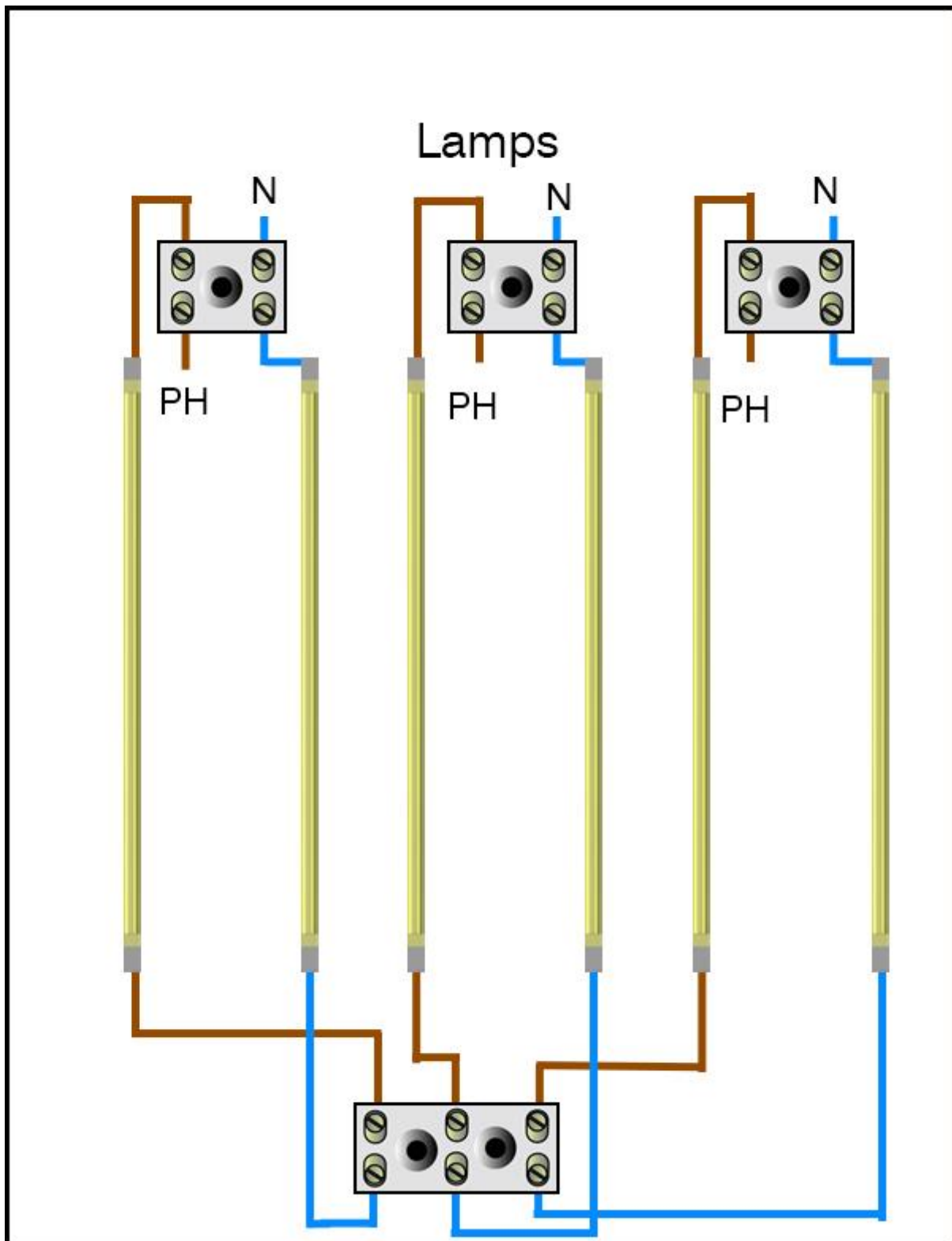


4. Lamp wiring

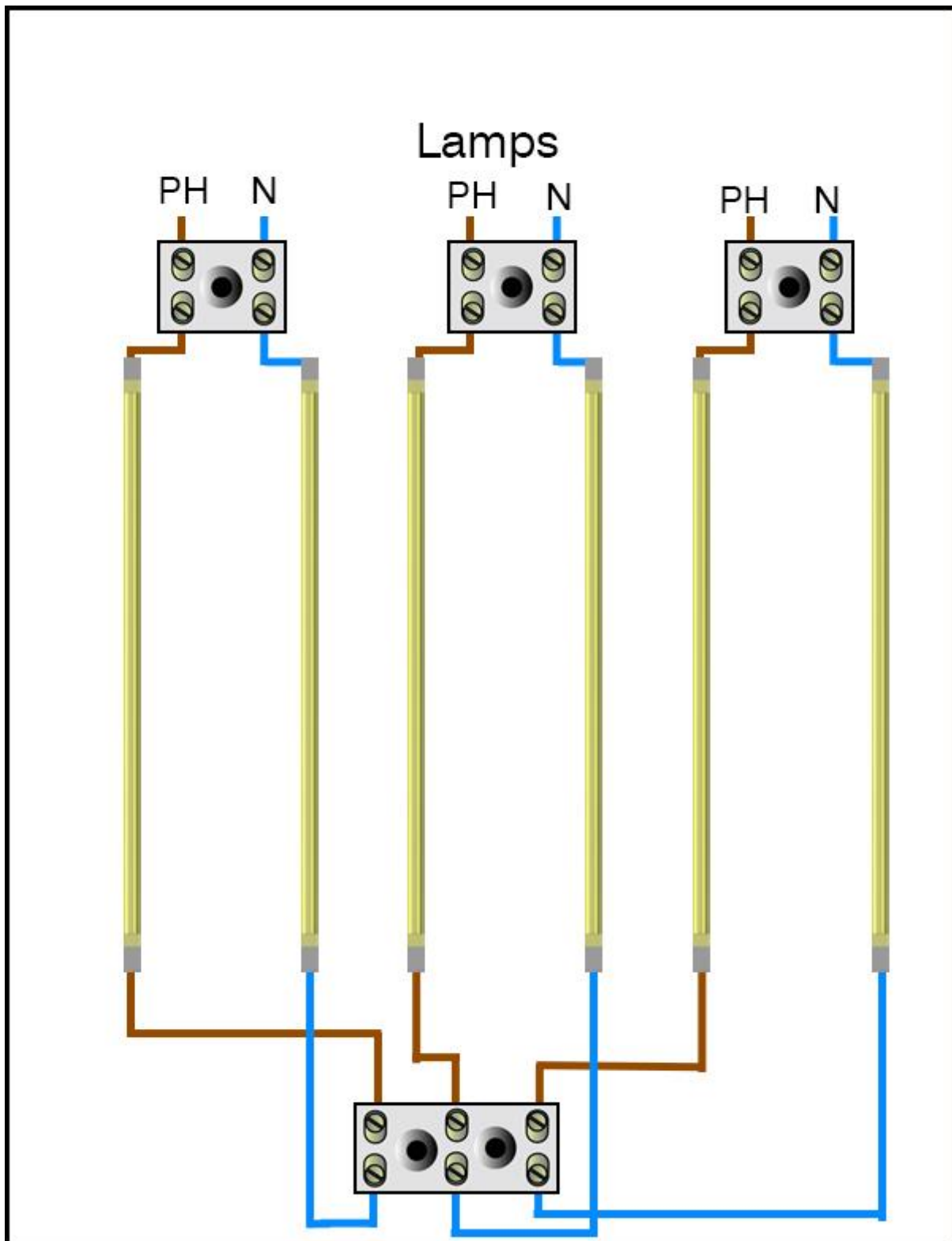
4.1. QC 4646 MW



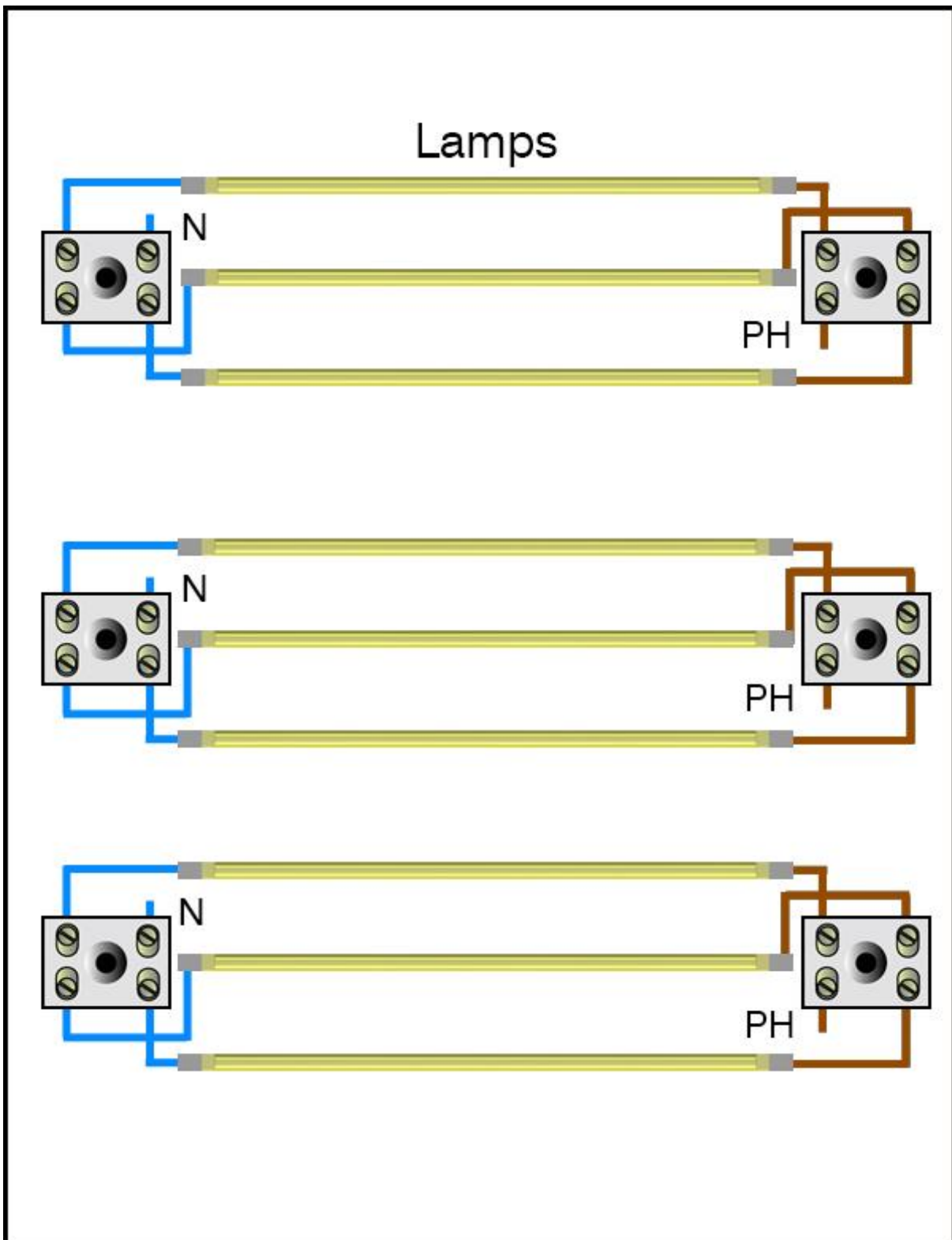
4.2. QC 4355 MW / QC 4669 MW / QC 5069 MW



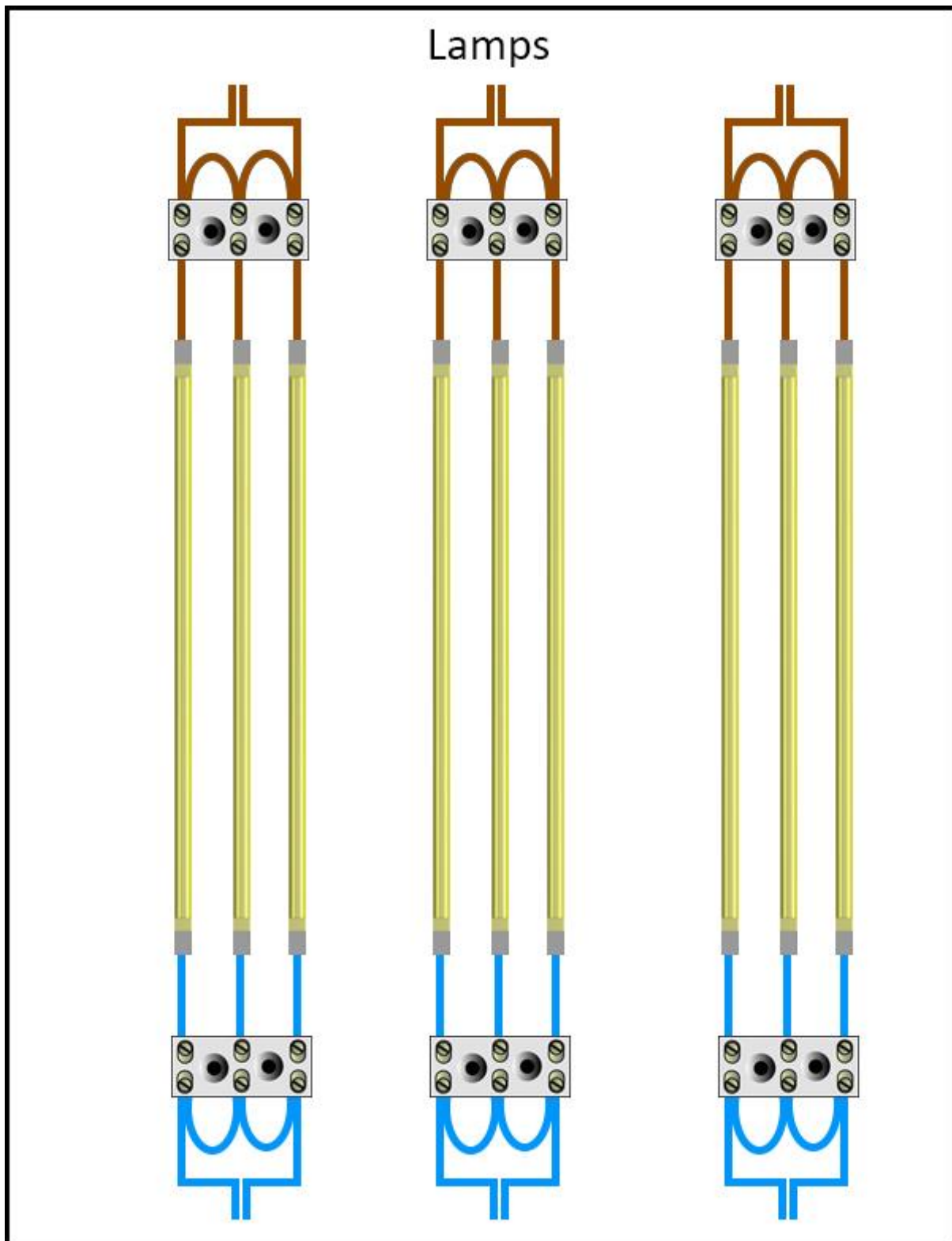
4.3. QC 4661 MW / QC 8044 MW



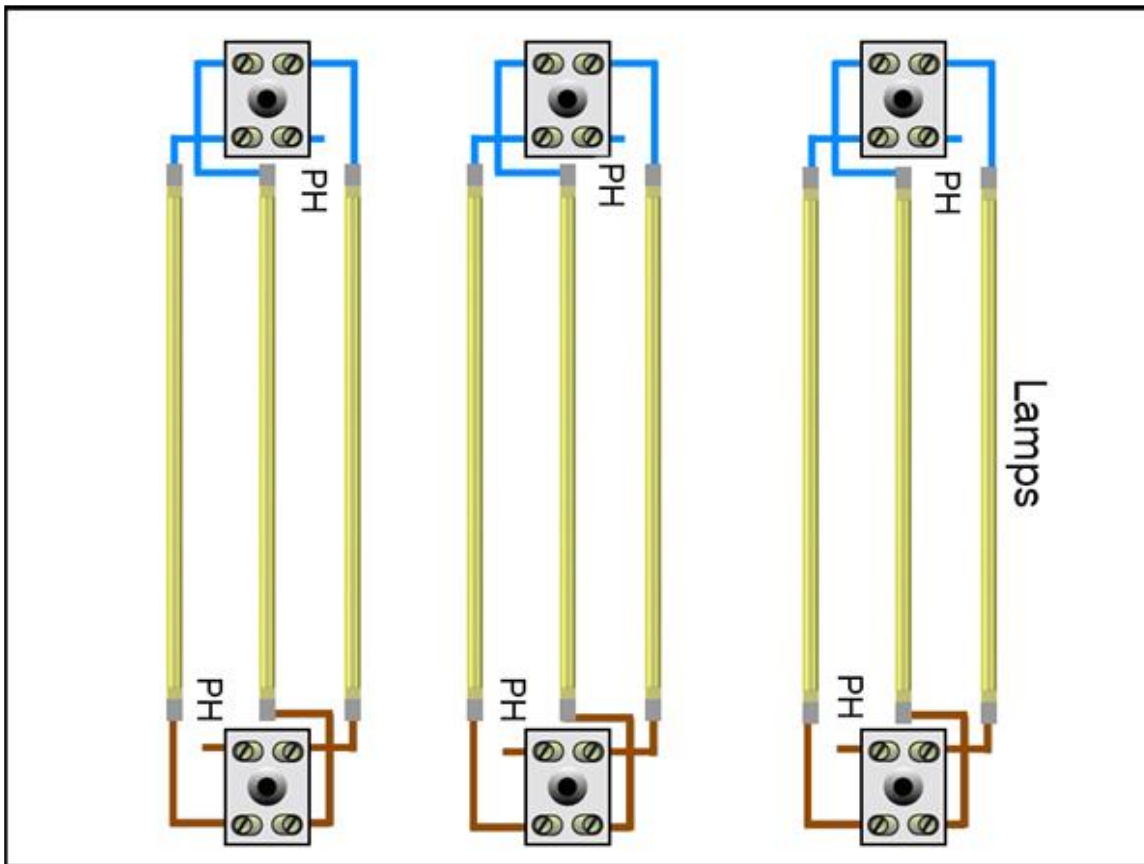
4.4. QC 4170 MW



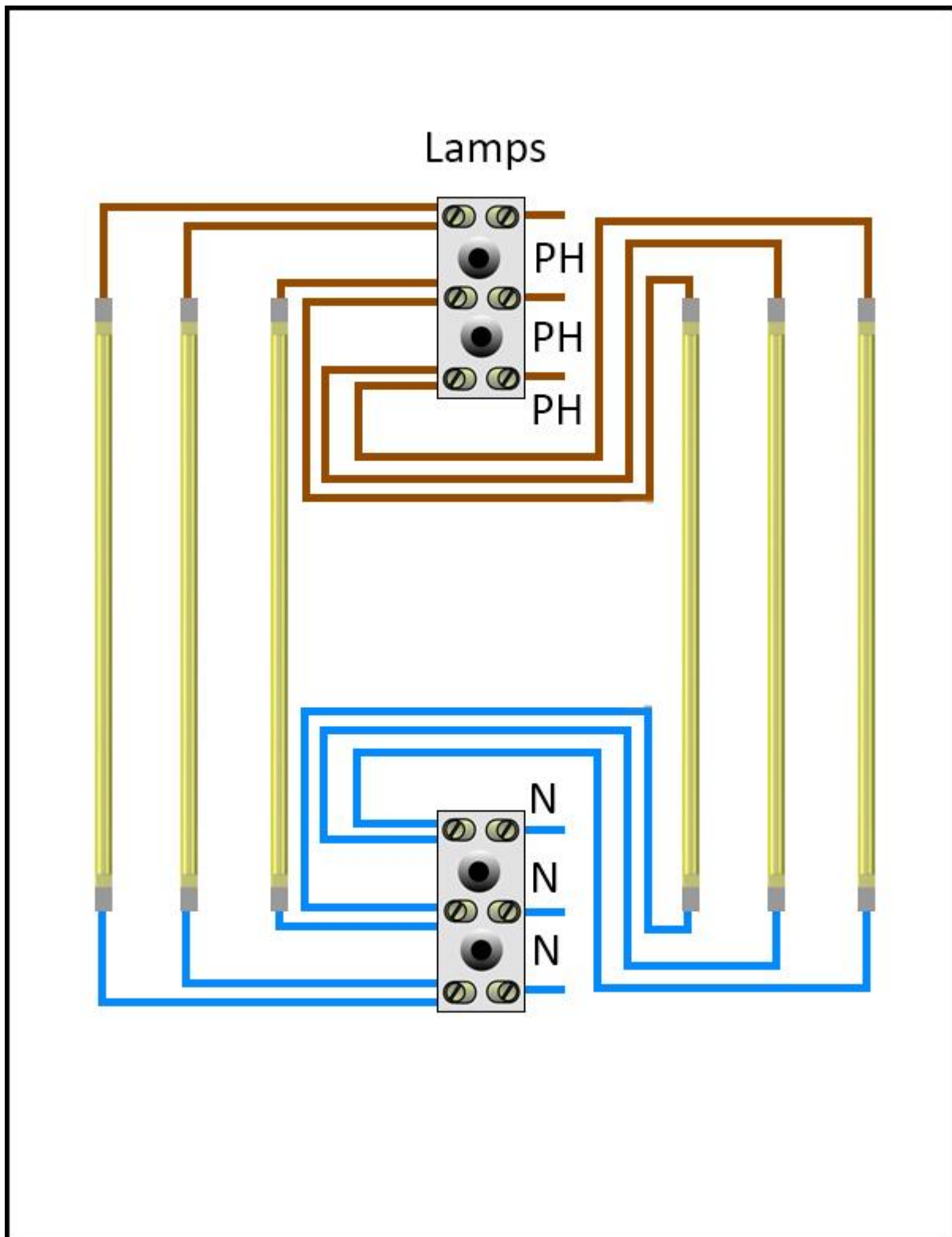
4.5. QC 70100 MW



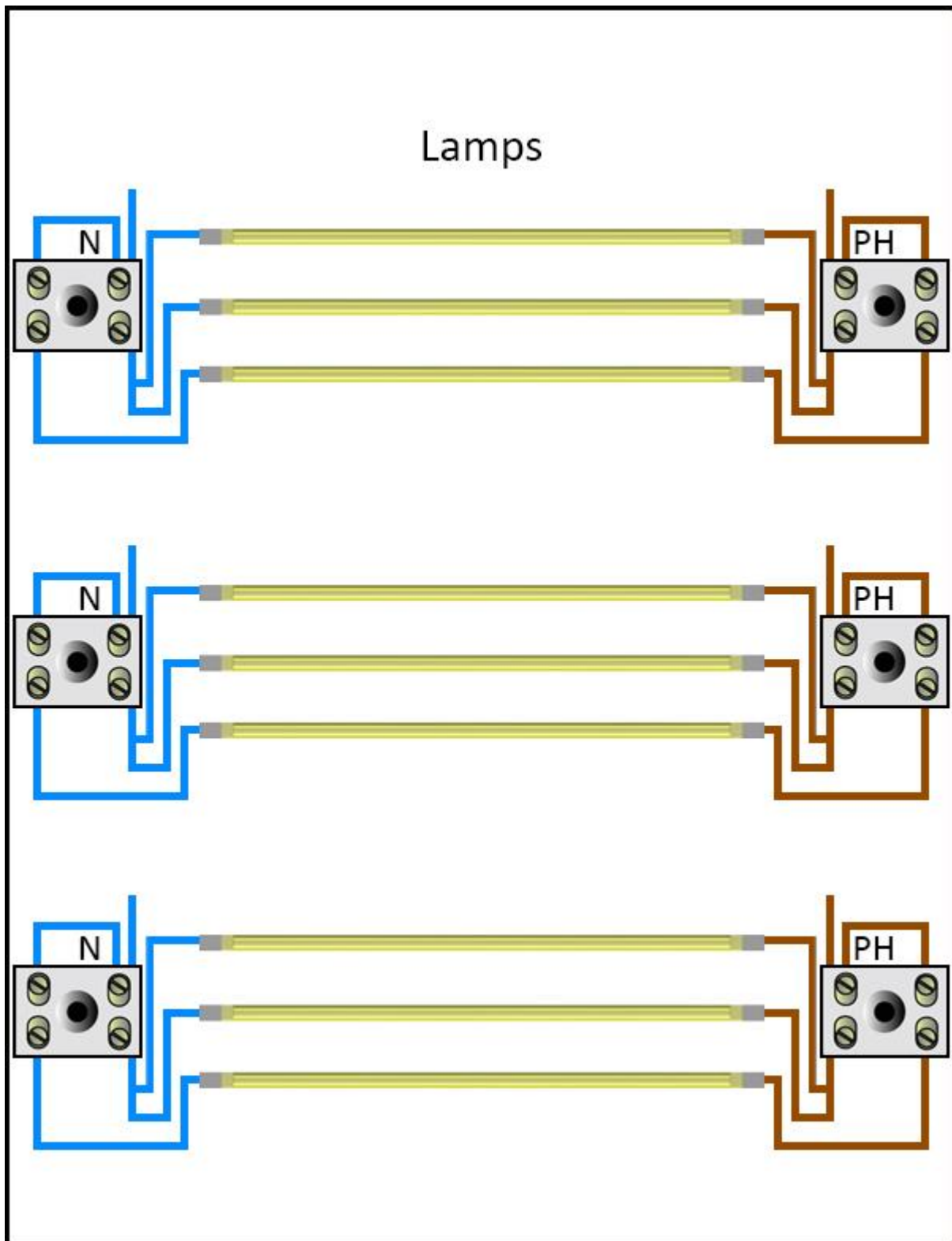
4.6. QC 6080 MW



4.7. QC 4646 HTL



4.8. QC 4355 HTL / QC 4661 HTL / QC 4170 HTL



4.9. QC 70100 HTL

