

## 9EBM240 WIRING CONNECTION

**Warning:** Please read the UPS user manual before installing the EBM

It is possible to connect more than one EBM in order to achieve any level of autonomy without mains power. Connect any Battery Boxes in a cascade as shown in the figure below:

1. **CONNECTION:** Use 3 cables with 10 mm<sup>2</sup> section (Earth, +, N and -)
2. Connect the wires to the relative terminals, following exactly the instructions given below:

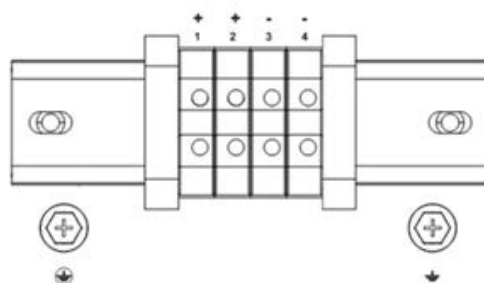
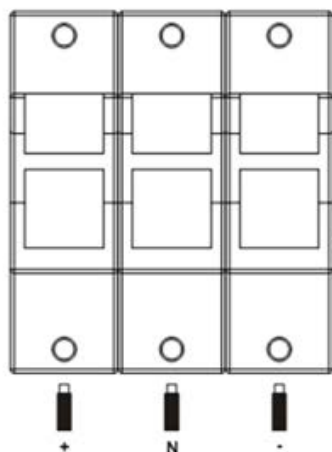
For 9E15Ki, 9E15KiXL, 9E20Ki, 9E20KiXL

(Must connect Two EBMs as a group)

- a - Make sure that the fuse holder of the external battery box is open.
- b - Connect the earth (PE) wire to EBM's earth (PE) screw
- c - Connect the positive (+) branch wire to 1<sup>st</sup> EBM's positive (+) terminal.
- d - Connect the neutral (N) wire to 1<sup>st</sup> EBM negative (-) terminal and 2<sup>nd</sup> group EBM positive(+) terminal.
- e - Connect the negative (-) branch wire to 2<sup>nd</sup> EBM's negative (-) terminal.

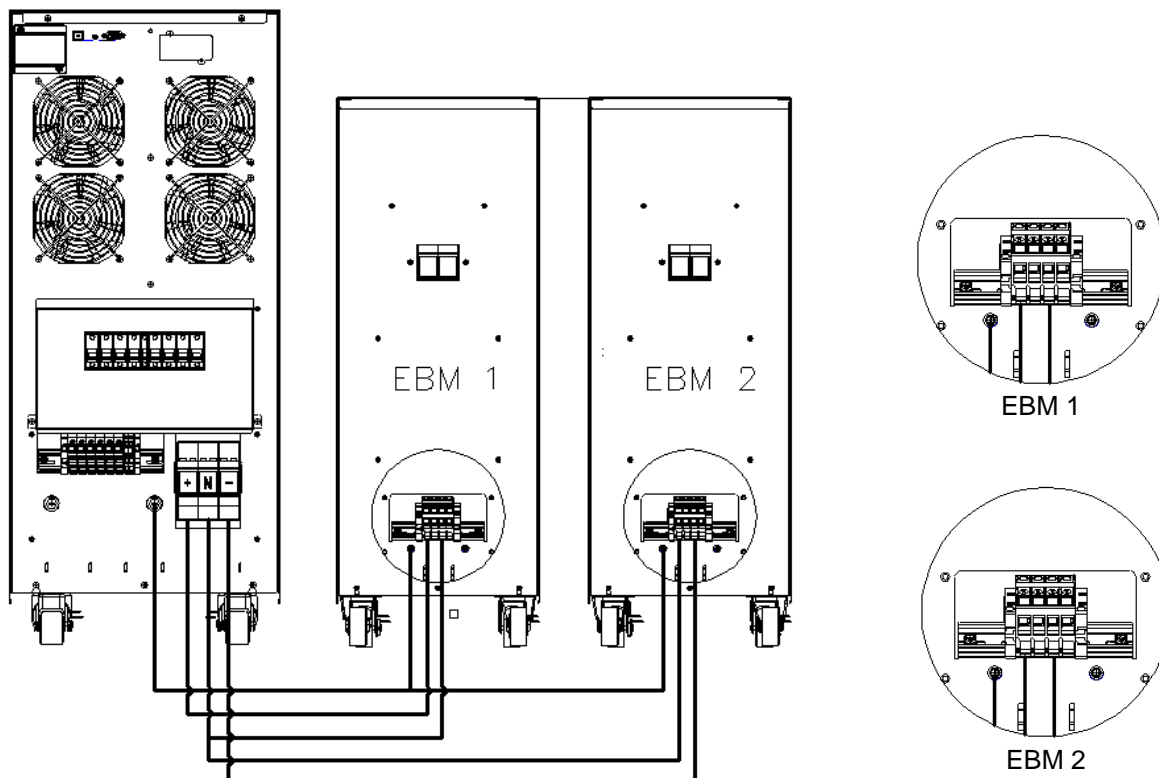
The suggested tighten force is 1.6Nm.

BATTERY EXTENSION

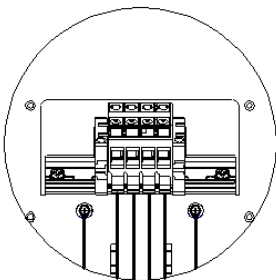
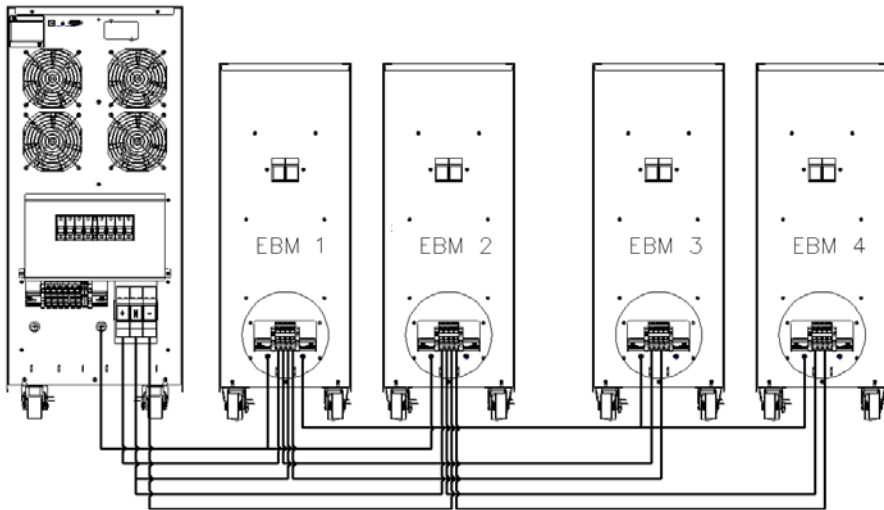


EBM terminal view

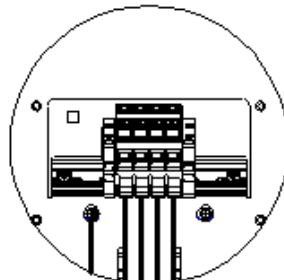
Versions 9E15Ki, 9E15KiXL, 9E20Ki, 9E20KiXL



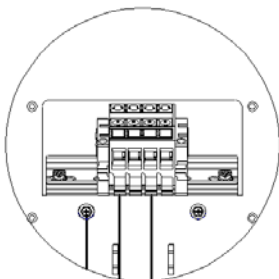
EBM terminal connection for 9E15Ki, 9E15KiXL, 9E20Ki, 9E20KiXL with one EBM group.



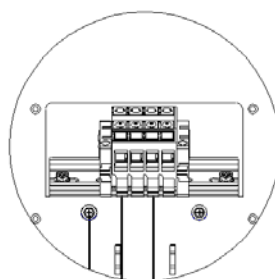
EBM 1



EBM 2



EBM 3



EBM 4

EBM terminal connection for 9E15Ki, 9E15KiXL, 9E20Ki, 9E20KiXL with more than one EBM groups